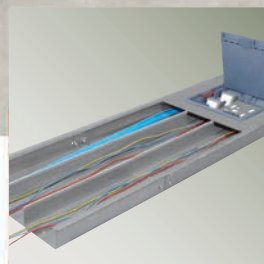


# Workstation Solutions

POWER AND DATA DISTRIBUTION



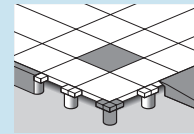
FOR THE OFFICE ENVIRONMENT

 **legrand**<sup>®</sup>

**Floor systems:**  
 - raised access floor  
 - grommets  
 - flush floor  
 - screed floor



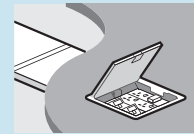
**P. 2**  
 Raised access floor system



**P. 4**  
 Soluflex cable floor system



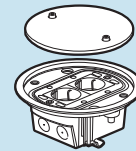
**P. 30**  
 Screed floor system



**P. 32**  
 Screed floor ducting system: metal

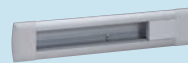


**P. 38**  
 Floor boxes



**P. 40**  
 IP66 Floor Boxes for Raised or Concrete Floors

**Connection:**  
 - floor boxes  
 - Pop-up floor boxes  
 - under desk modules  
 - mini-columns  
 - desktop modules



**P. 48**  
 Flush-mounting office modules

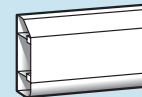


**P. 49**  
 Desktop multi-outlet extensions

**Wall and ceiling systems:**  
 - DLP wall trunking  
 - columns



**P. 53**  
 Over floor trunking

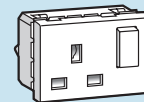


**P. 60**  
 Skirting DLP trunking

**Wiring accessories:**  
 - Arteor

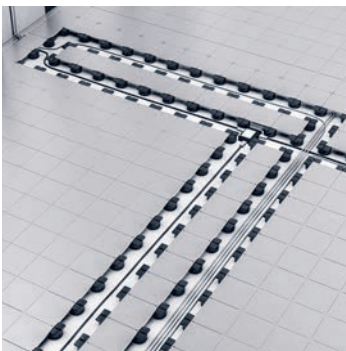


**P. 74**  
 Arteor Wiring Devices

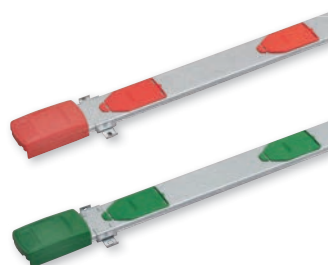


**P. 76**  
 Arteor British standard socket outlets

## DISCOVER THE SYSTEMS



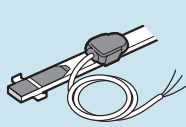
**Soluflex cable floor system**  
 (p. 4)



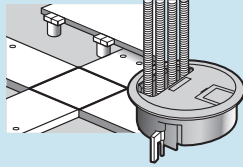
**Electrak under floor power distribution system**  
 (p. 14)



**Raised access floor metal trunking system**  
 (p. 18)



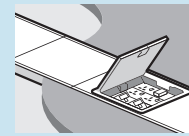
**P. 14**  
Electrak  
underfloor  
power  
distribution  
system



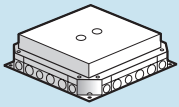
**P. 18**  
Raised  
access floor  
metal trunking  
system and  
grommets



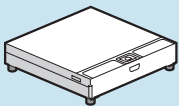
**P. 24**  
Flush  
floor system



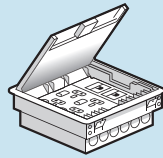
**P. 26**  
Flush floor  
metal trunking  
system



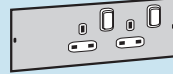
**P. 33**  
Screed  
back boxes



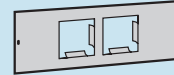
**P. 41**  
Floor  
boxes  
for tiles/marble



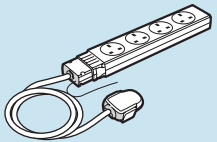
**P. 42**  
Floor boxes  
for carpet



**P. 43**  
Socket  
outlet plates  
for floor  
boxes



**P. 43**  
Empty wiring accessory  
plates  
for floor  
boxes



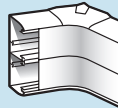
**P. 54**  
Electrak  
Intersoc-R  
desk modules



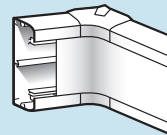
**P.57**  
Mini Columns



**P. 62**  
Skirting DLP  
Trunking



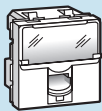
**P. 64**  
DLP  
wall trunking:  
PVC



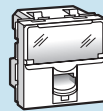
**P. 69**  
DLP  
wall trunking:  
aluminium



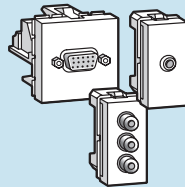
**P. 72**  
Ceiling  
Columns



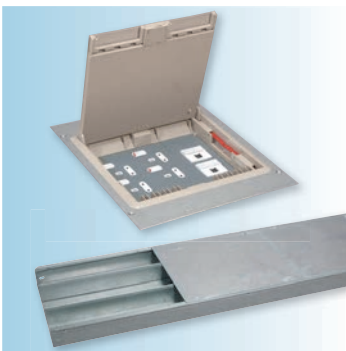
**P. 77**  
Arteor  
telephone sockets



**P. 78**  
Arteor  
data sockets



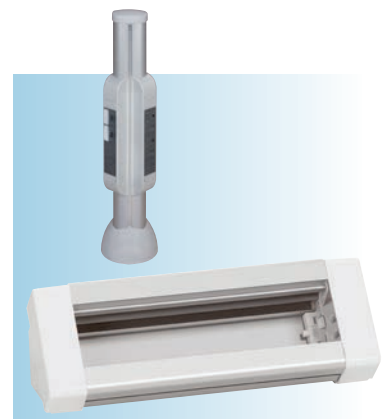
**P. 79**  
Arteor  
audio, video and  
USB sockets



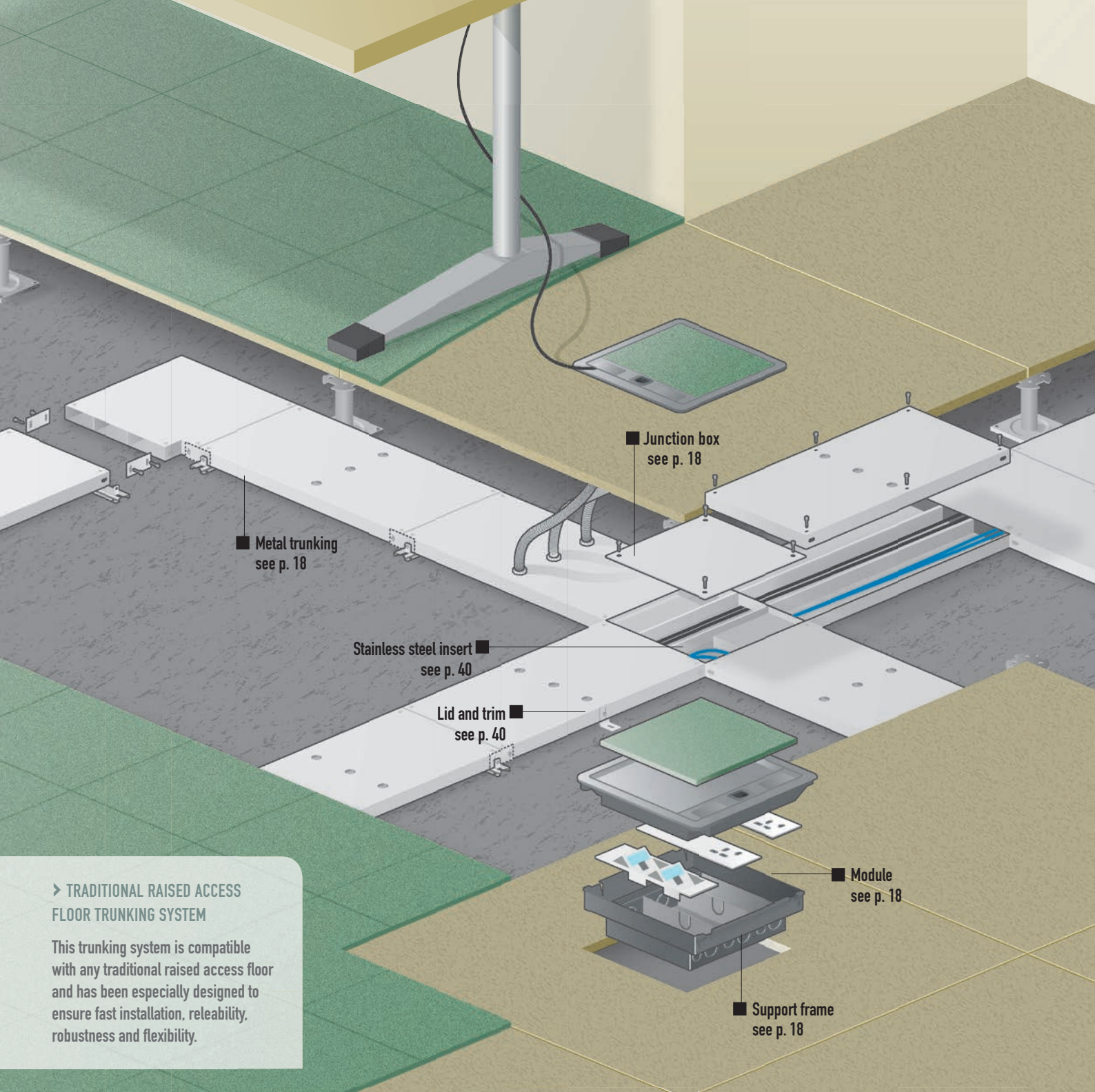
**Flush floor metal  
trunking system**  
(p. 26)



**Screed floor ducting  
system**  
(p. 32)



**Other systems**  
(p. 46 to 79)



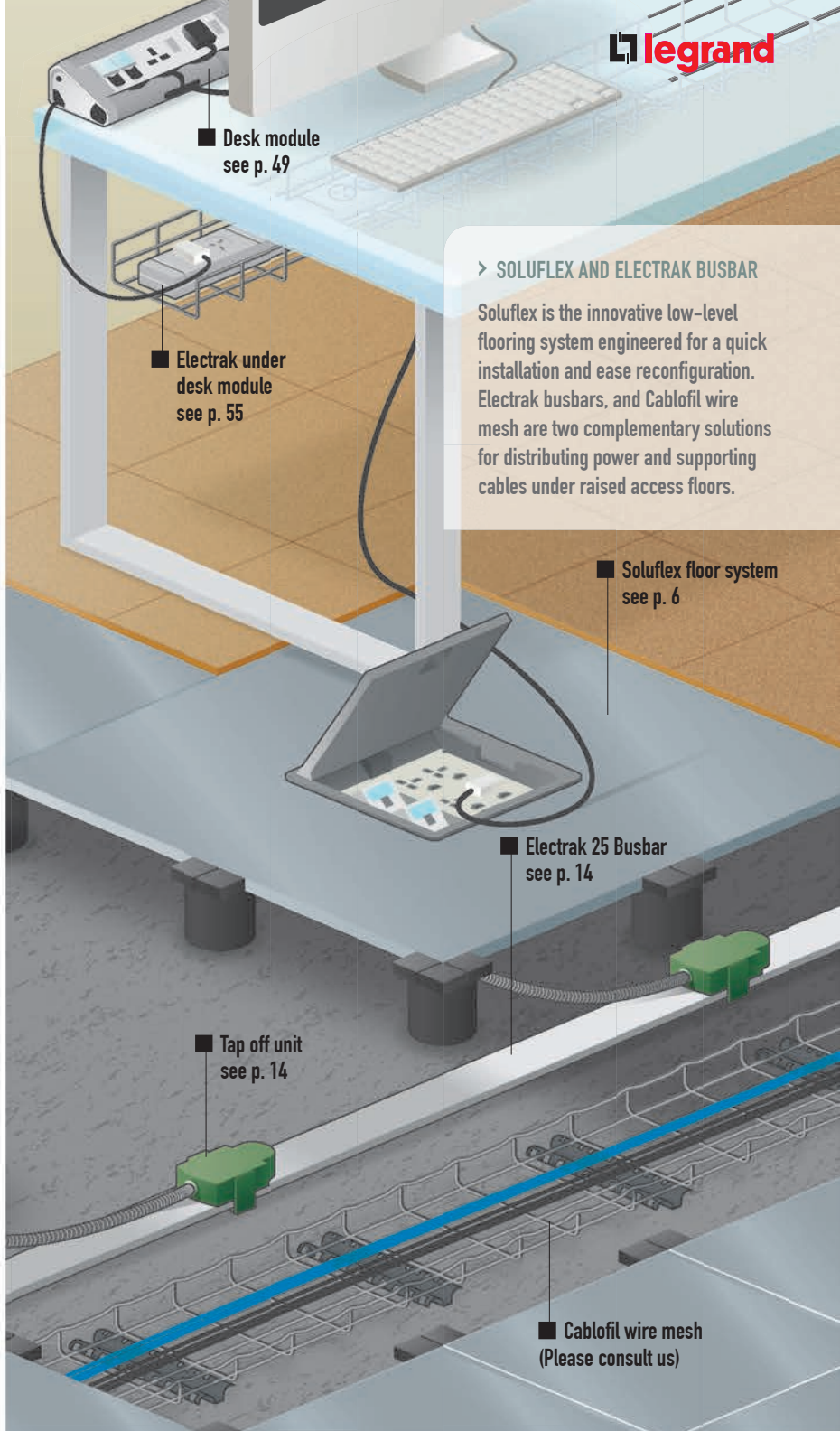
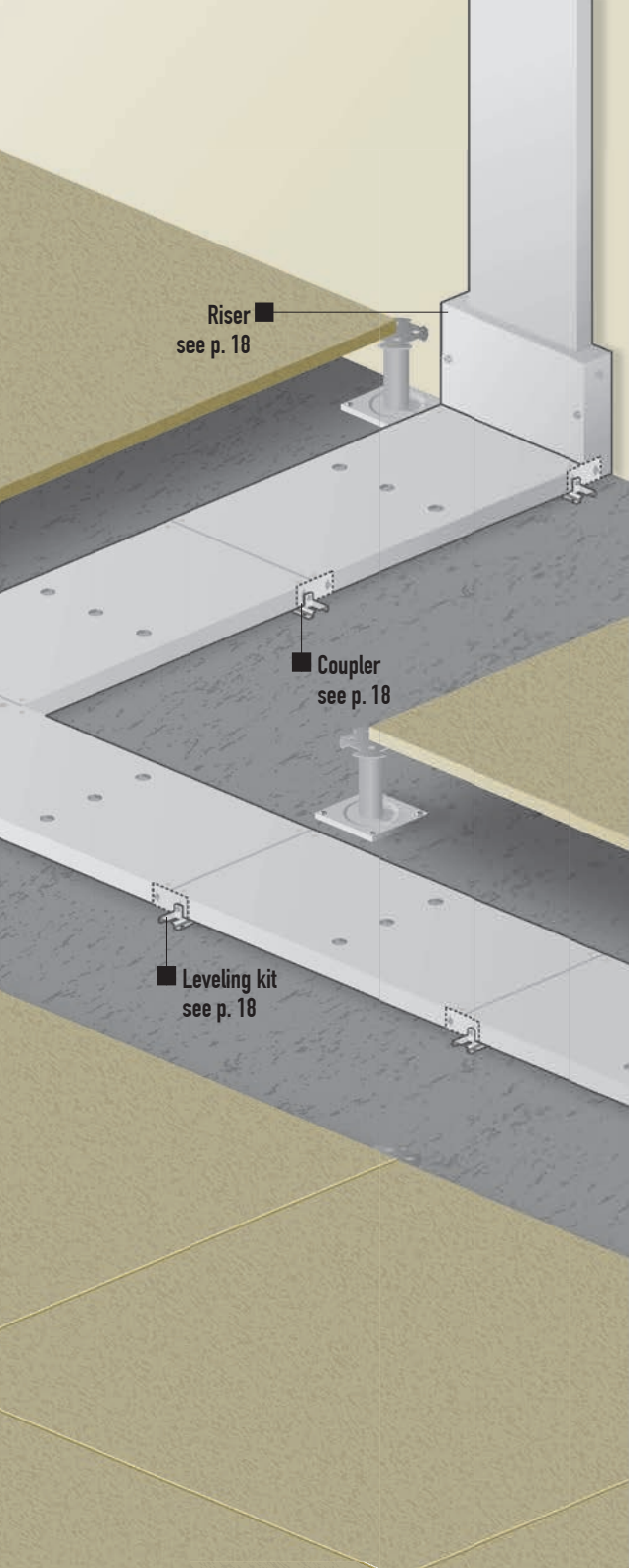
> TRADITIONAL RAISED ACCESS  
FLOOR TRUNKING SYSTEM

This trunking system is compatible with any traditional raised access floor and has been especially designed to ensure fast installation, reliability, robustness and flexibility.



# RAISED ACCESS FLOOR SYSTEMS

Different solutions for all your projects integrating raised access floor allow you to create well organised and functional offices and save time and money during installation or future reconfiguration. Soluflex low-level flooring system, Electrak busbars for power distribution or metal trunking systems for cable management under raised floors: our solutions have been designed for reliability, ease of installation and maximum flexibility.



### > SOLUFLEX AND ELECTRAK BUSBAR

Soluflex is the innovative low-level flooring system engineered for a quick installation and ease reconfiguration. Elektrak busbars, and Cablofil wire mesh are two complementary solutions for distributing power and supporting cables under raised access floors.

Trunking		Fixing bracket	Coupler	Flat angle	Junction box	Riser	End cap	Leveling kit	Full backbox	
									3 compt	4 compt
M etal 225 x 38	6897 70	6897 55	6897 77	6897 73	6897 80	6897 82	6897 85	6897 87	6896 38	6896 48
M etal 300 x 38	6897 71	6897 55	6897 77	6897 74	6897 81	6897 83	6897 86	6897 67		

Lid and trim for floor boxes				
Floor box		Rigid cable exit	Flexible cable exit	Stainless steel insert
3 compt	grey	6896 30	6896 31	
	beige	6896 32	6896 33	
4 compt	grey	6896 40	6896 41	6896 93
	beige	6896 42	6896 43	







### OTHER SOLUTIONS

- > Flush floor system see page 24-29
- > Screed floor system see page 30-37
- > Floor boxes and other connection points see page 38-47
- > Wall and ceiling systems see page 58-73
- > Arteor wiring devices see page 74-79



# Soluflex cable floor system

## selection chart

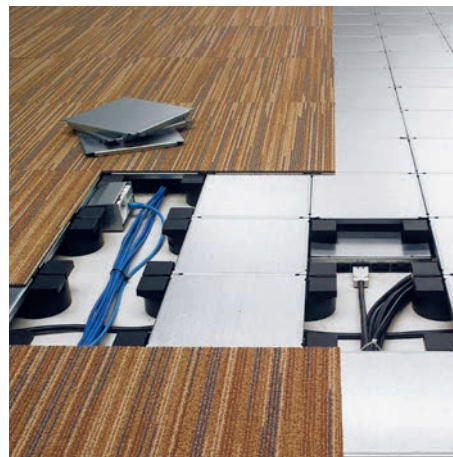
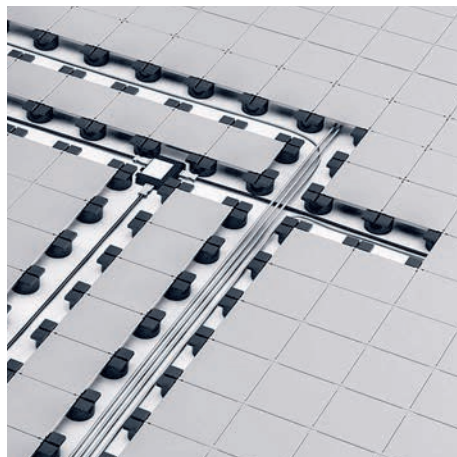
### FLOOR PARTS

Height (mm)	Tile	Support	Double edge plate	Single edge plate	Plenum sealing	Plenum exterior angle
37	 84000 10	 84037 00	 84000 60	 84000 61	 84037 20	 84037 30
60	84000 10	84060 00	84000 60	84000 61	84060 20	84060 30
90	84000 10	84090 00	84000 60	84000 61	84090 20	84090 30
120	84000 10	84120 00	84000 60	84000 61	84120 20	84120 30
150	84000 10	84150 00	84000 60	84000 61	84150 20	84150 30

### EQUIPMENT - to be equipped with Arteor mechanisms (p. 70-75)

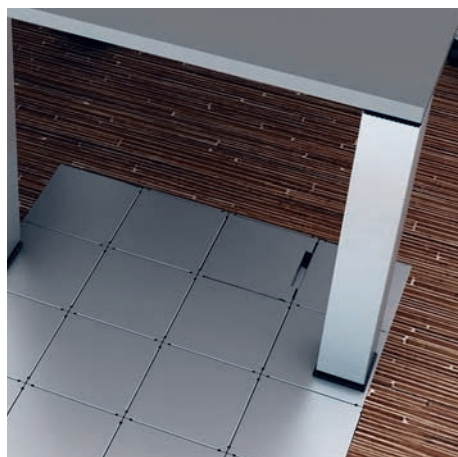
Height (mm)	Built-in power unit	Built-in data unit	Fully submerged power unit	Fully submerged data unit
37	 84037 50	 84037 51		
60			84060 72	84060 73
90				
120				
150				

\* 50, 70 and 80 available on request

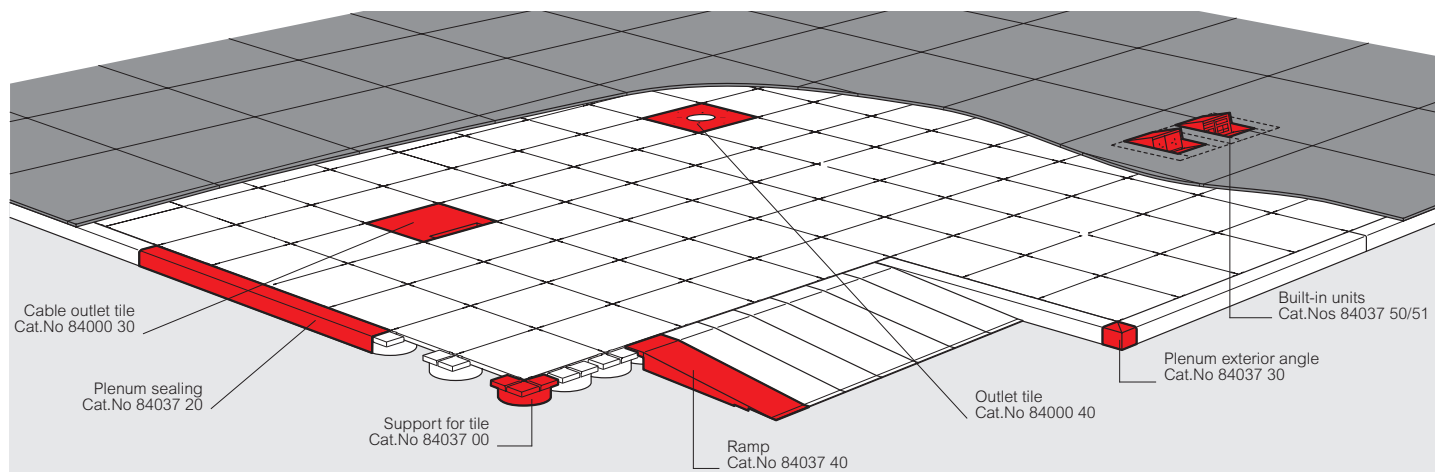


Ramp	Earthing tile	Cable outlet tile	Chrome outlet grommet	Accessory outlet tile	Fixing bracket
84037 40	84000 20	84000 30	81902 32	84000 40	84000 50
84060 40	84000 20	84000 30	81902 32	84000 40	84000 50
84090 40	84000 20	84000 30	81902 32	84000 40	84000 50
84120 40	84000 20	84000 30	81902 32	84000 40	84000 50
84150 40	84000 20	84000 30	81902 32	84000 40	84000 50

Pop up boxes	Floor boxes			Mini-column	
Floor box tile	Floor box tile		Backbox + lid and trim	Outlet tile	Mini-column
	3 compartments	4 compartments			
84090 84	84090 82	84090 83	p. 18 and 42	84000 40	p. 57
84090 84	84090 82	84090 83	p. 18 and 42		
84090 84	84090 82	84090 83	p. 18 and 42		



# Soluflex cable floor system - 37 mm height



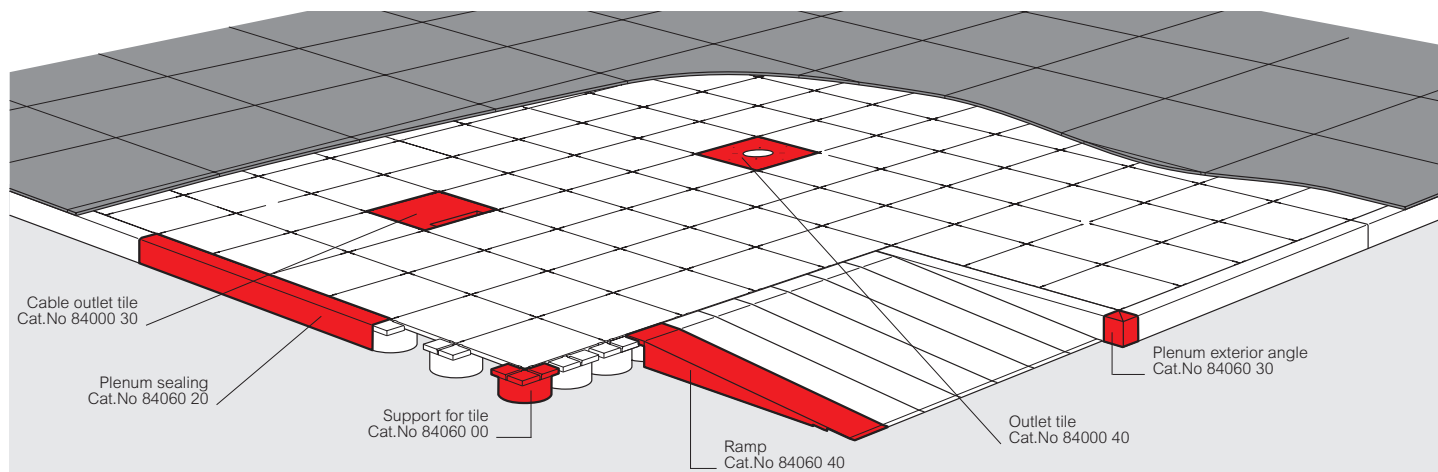
Selection chart p. 4-5  
 Technical characteristics p. 11 to 13

Pack	Cat.Nos	Floor parts
6	84000 10	<b>Tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84037 00
120	84037 00	<b>Support for tile</b> 100 x 100 mm support Height 37 mm With 2 grooves for tiles positioning Black - polypropylene
		<b>Edge plates</b> Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised
1	84000 60	Double edge plate 2 flanges of 13 mm
1	84000 61	Single edge plate 1 flange of 13 mm
1	84037 20	<b>Plenum sealing</b> For edging the floor to create a step Length 900 mm, width 56 mm Height 37 mm Pre-galvanised
10	84037 30	<b>Plenum exterior angle</b> 56 x 56 mm Use in conjunction with Cat.No 84037 22 Pre-galvanised
8	84037 40	<b>Ramp</b> Length 400 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised
6	84000 20	<b>Earthing tile</b> 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm <sup>2</sup> Use 1 tile per 100 m <sup>2</sup> or in hallways max. 14 m apart
6	84000 30	<b>Cable outlet tile</b> 225 x 225 mm pre-galvanised cable outlet tile For cable access to work station Access 125 x 15 mm Supplied with 4 contact/distance projections

Pack	Cat.Nos	Floor parts (continued)
1	81902 32	<b>Chromed outlet grommet</b> For cable access to work station To be used with outlet tile Cat.No 84000 40
6	84000 40	<b>Outlet tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections For integration of columns, pedestals+cable spine (contact us) or chrome outlet grommet Cat.No 81902 32
20	84000 50	<b>Fixing brackets</b> For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised
		<b>Built-in units to be equipped</b> 225 x 225 mm Height 37 mm (accessory outlet rises to 71 mm) Pre-galvanised
1	84037 50	For 2 x 13 A Arteor socket outlets Provided with connection terminal and strain relief
1	84037 51	For up to 4 x 1 module Arteor data sockets
1	0 535 98	<b>Cable worm</b> 2 compartments Length: 0.75 m White colour Very suitable solution for a safe and design protection of the cabling between desk and floor



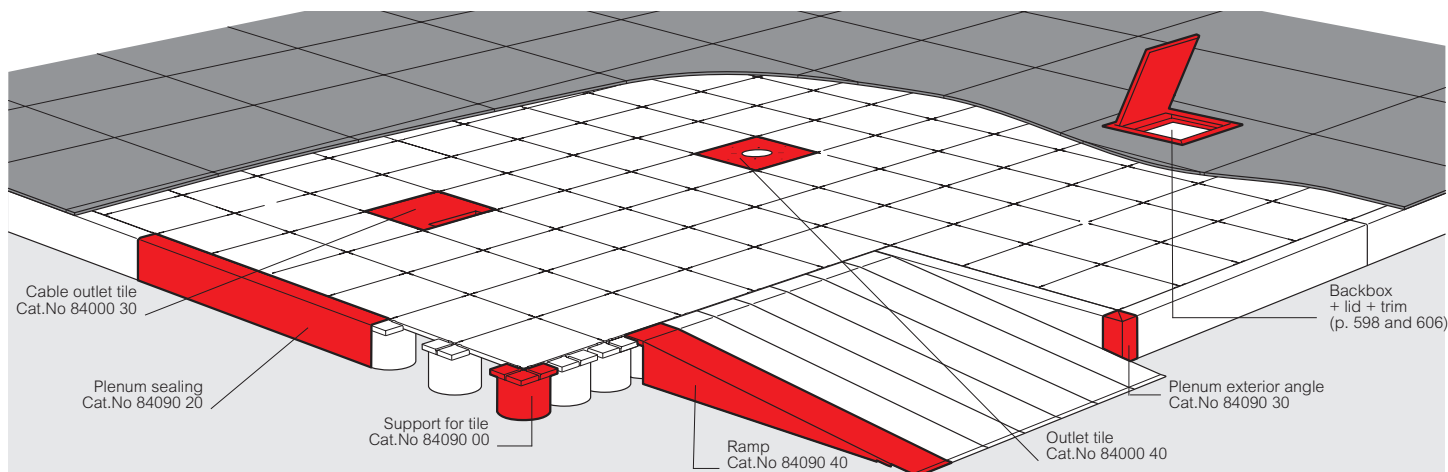
# Soluflex cable floor system - 60 mm height



Selection chart p. 4-5  
 Technical characteristics p. 11 to 13

Pack	Cat.Nos	Floor parts	Pack	Cat.Nos	Floor parts (continued)
6	84000 10	<b>Tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84060 00	1	81902 32	<b>Chromed outlet grommet</b> For cable access to work station To be used with outlet tile Cat.No 84000 40
80	84060 00	<b>Support for tile</b> 100 x 100 mm support Height 60 mm With 2 grooves for tiles positioning Black - polypropylene	6	84000 40	<b>Outlet tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections For integration of columns, pedestals + cable spine (contact us) or chrome outlet grommet Cat.No 81902 32
1	84000 60	<b>Edge plates</b> Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised	20	84000 50	<b>Fixing brackets</b> For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised
1	84000 61	Double edge plate 2 flanges of 13 mm	10	84060 72	<b>Fully submerged units to be equipped</b> Pre-galvanised To be combined with cable outlet tile Cat.No 84000 30
1	84060 20	Single edge plate 1 flange of 13 mm	10	84060 73	For 2 x 13 A Arteor socket outlets Provided with connection terminal For 2 x Arteor data sockets
1	84060 20	<b>Plenum sealing</b> For edging the floor to create a step Length 900 mm, width 56 mm Height 60 mm Pre-galvanised	1	0 535 98	<b>Cable worm</b> 2 compartments Length: 0.75 m White colour Very suitable solution for a safe and design protection of the cabling between desk and floor
10	84060 30	<b>Plenum exterior angle</b> 56 x 56 mm Use in conjunction with Cat.No 84060 22 Pre-galvanised			
4	84060 40	<b>Ramp</b> Length 616 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised			
6	84000 20	<b>Earthing tile</b> 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm <sup>2</sup> Use 1 tile per 100 m <sup>2</sup> or in hallways max. 14 m apart			
6	84000 30	<b>Cable outlet tile</b> 225 x 225 mm pre-galvanised cable outlet tile For cable access to work station Access 125 x 15 mm Supplied with 4 contact/distance projections			

# Soluflex cable floor system - 90 mm height



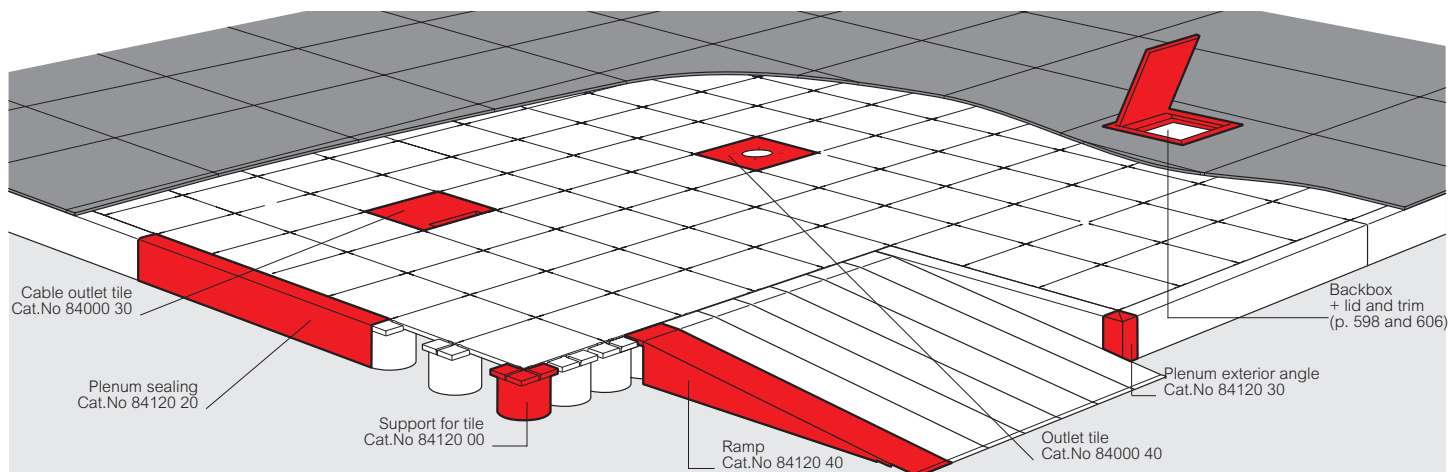
Selection chart p. 4-5  
 Technical characteristics p. 11 to 13

Pack	Cat.Nos	Floor parts	
6	84000 10	<b>Tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84090 00	
60	84090 00	<b>Support for tile</b> 100 x 100 mm support Height 90 mm With 2 grooves for tiles positioning Black - polypropylene	
		<b>Edge plates</b> Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised	
1	84000 60	Double edge plate 2 flanges of 13 mm	
1	84000 61	Single edge plate 1 flange of 13 mm	
1	84090 20	<b>Plenum sealing</b> For edging the floor to create a step Length 900 mm, width 56 mm Height 90 mm Pre-galvanised	
1	84090 30	<b>Plenum exterior angle</b> 56 x 56 mm Use in conjunction with Cat.No 84090 22 Pre-galvanised	
1	84090 40	<b>Ramp</b> Length 898 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised	
6	84000 20	<b>Earthing tile</b> 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm <sup>2</sup> Use 1 tile per 100 m <sup>2</sup> or in hallways max. 14 m apart	
6	84000 30	<b>Cable outlet tile</b> 225 x 225 mm pre-galvanised cable outlet tile For cable access to work station Access 125 x 15 mm Supplied with 4 contact/distance projections	

Pack	Cat.Nos	Floor parts (continued)	
1	81902 32	<b>Chromed outlet grommet</b> For cable access to work station To be used with outlet tile Cat.No 84000 40	
6	84000 40	<b>Outlet tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections For integration of columns, pedestals+cable spine (contact us) or chrome outlet grommet Cat.No 81902 32	
20	84000 50	<b>Fixing brackets</b> For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised	
6	84090 84	<b>Pop up floor boxes tile</b> 225 x 225 mm For flip-up boxes Pre-galvanised	
2	84090 82	<b>Floor box tile</b> 450 x 450 mm For lid + trim assemblies Pre-galvanised For 3-compartment floor boxes (square opening 265 x 265 mm)	
1	84090 83	For 4-compartment floor boxes (rectangular opening 342 x 265 mm)	
1	0 535 98	<b>Cable worm</b> 2 compartments Length: 0.75 m White colour Very suitable solution for a safe and design protection of the cabling between desk and floor	

**Backboxes for raised floors** (p. 18)

# Soluflex cable floor system - 120 mm height



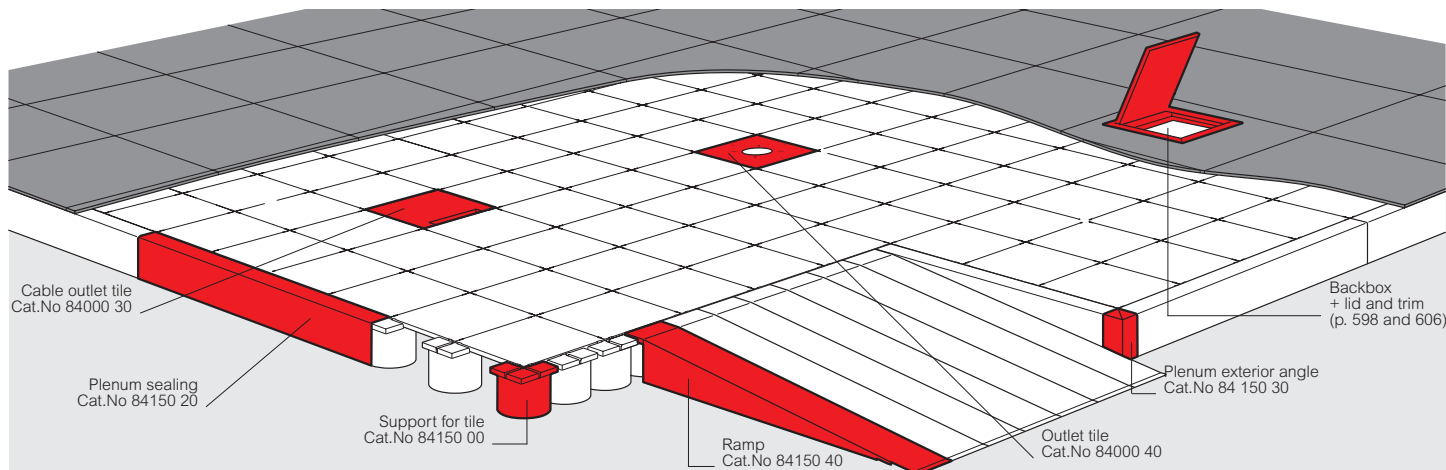
Selection chart p. 4-5  
 Technical characteristics p. 11 to 13

Pack	Cat.Nos	Floor parts
6	84000 10	<b>Tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84120 00
80	84120 00	<b>Support for tile</b> 100 x 100 mm support Height 120 mm With 2 grooves for tiles positioning Black - polypropylene
		<b>Edge plates</b> Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised
1	84000 60	Double edge plate
1	84000 61	Single edge plate
1	84120 20	<b>Plenum sealing</b> For edging the floor to create a step Length 900 mm, width 56 mm Height 120 mm Pre-galvanised
8	84120 30	<b>Plenum exterior angle</b> 56 x 56 mm Use in conjunction with Cat.No 84120 22 Pre-galvanised
1	84120 40	<b>Ramp</b> Length 1181 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised
6	84000 20	<b>Earthing tile</b> 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm <sup>2</sup> Use 1 tile per 100 m <sup>2</sup> or in gangways max. 14 m apart
6	84000 30	<b>Cable outlet tile</b> 225 x 225 mm pre-galvanised cable outlet tile For cable access to work station Access 125 x 15 mm Supplied with 4 contact/distance projections

Pack	Cat.Nos	Floor parts (continued)
1	81902 32	<b>Chromed outlet grommet</b> For cable access to work station To be used with outlet tile Cat.No 84000 40
6	84000 40	<b>Outlet tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections For integration of columns, pedestals+cable spine (contact us) or chrome outlet grommet Cat.No 81902 32
20	84000 50	<b>Fixing brackets</b> For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised
6	84090 84	<b>Pop up floor boxes tile</b> 225 x 225 mm For flip-up boxes Pre-galvanised
2	84090 82	<b>Floor box tile</b> 450 x 450 mm For lid + trim assemblies Pre-galvanised
1	84090 83	For 3-compartment floor boxes (square opening 265 x 265 mm)
1	0 535 98	For 4-compartment floor boxes (rectangular opening 342 x 265 mm)
		<b>Cable worm</b> 2 compartments Length: 0.75 m White colour Very suitable solution for a safe and design protection of the cabling between desk and floor

**Backboxes for raised floors** (p. 18)

# Soluflex cable floor system - 150 mm height



Selection chart p. 4-5  
 Technical characteristics p. 11 to 13

Pack	Cat.Nos	Floor parts		Pack	Cat.Nos	Floor parts (continued)	
6	84000 10	<b>Tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84120 00		1	81902 32	<b>Chromed outlet grommet</b> For cable access to work station To be used with outlet tile Cat.No 84000 40	
64	84150 00	<b>Support for tile</b> 100 x 100 mm support Height 150 mm With 2 grooves for tiles positioning Black - polypropylene		6	84000 40	<b>Outlet tile</b> 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections For integration of columns, pedestals+cable spine (contact us) or chrome outlet grommet Cat.No 81902 32	
1	84000 60	<b>Edge plates</b> Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised		20	84000 50	<b>Fixing brackets</b> For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised	
1	84000 61	<b>Edge plates</b> Double edge plate 2 flanges of 13 mm		6	84090 84	<b>Pop up floor boxes tile</b> 225 x 225 mm For flip-up boxes Pre-galvanised	
1	84150 20	<b>Plenum sealing</b> For edging the floor to create a step Length 900 mm, width 56 mm Height 150 mm Pre-galvanised		2	84090 82	<b>Floor box tile</b> 450 x 450 mm For lid + trim assemblies Pre-galvanised	
1	84150 30	<b>Plenum exterior angle</b> 56 x 56 mm Use in conjunction with Cat.No 84150 20 Pre-galvanised		1	84090 83	<b>Floor box tile</b> For 3-compartment floor boxes (square opening 265 x 265 mm)	
1	84150 40	<b>Ramp</b> Length 1467 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised		1	84090 83	<b>Floor box tile</b> For 4-compartment floor boxes (rectangular opening 342 x 265 mm)	
6	84000 20	<b>Earthing tile</b> 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm <sup>2</sup> Use 1 tile per 100 m <sup>2</sup> or in gangways max. 14 m apart		1	0 535 98	<b>Cable worm</b> 2 compartments Length: 0.75 m White colour Very suitable solution for a safe and design protection of the cabling between desk and floor	
6	84000 30	<b>Cable outlet tile</b> 225 x 225 mm pre-galvanised cable outlet tile For cable access to work station Access 125 x 15 mm Supplied with 4 contact/distance projections					

**Backboxes for raised floors** (p. 18)

## Soluflex cable floor system

### ■ Specification / technical data

#### Construction

The Soluflex cable floor system is constructed of a raised floor of tiles and supports with integrated cabling and connection points for telecoms, power and data

#### Materials

- The tiles are manufactured from pre-galvanised sheet steel in accordance with BS EN 10326
- The supports are made of polypropylene. Inflammability class B2 according to DIN 4102

#### Weights and measures

- Dimensions of tiles: 225 x 225 mm
- 5 different heights: 37 mm, 60 mm, 90 mm, 120 mm, 150 mm  
Other heights available on request
- Weight of the Soluflex cable floor system: approx. 20 kg per m<sup>2</sup>
- Thickness: 2 mm

### ■ Load bearing data

- Point load per tile/support: 1500 Newton/25 mm<sup>2</sup>
- Equal divided load of 30000 N per m<sup>2</sup>
- Minimum safety factor: V = 1.71

#### Acoustic

##### • Flanking airborne sound insulation in accordance with ISO 717-1: 1996

###### Tested according to ISO 140-12: 2000

Soluflex cable floor system + carpet tiles, without mineral wool underneath the partition wall: D<sub>n,f,w</sub> = 48 dB

Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall: D<sub>n,f,w</sub> = 60 dB

##### • Flanking impact sound insulation in accordance with ISO 717-2: 1996

###### Tested in accordance to ISO 140-12: 2000

Soluflex cable floor system + carpet tiles, without mineral wool underneath the partition wall: L<sub>n,f,w</sub> = 49 dB

Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall: L<sub>n,f,w</sub> = 39 dB

##### • Vertical impact sound insulation improvement in accordance with ISO 717-2: 1996

###### Tested in accordance with ISO 140-8: 1978

Concrete floor 140 mm + Soluflex

rL<sub>w</sub> = 17 dB      rI<sub>lin</sub> = 7 dB

Concrete floor 140 mm + Soluflex + carpet tiles

rL<sub>w</sub> = 24 dB      rI<sub>lin</sub> = 12 dB

### ■ Sound measurements

The sound measurements have been carried out in the laboratory of consultancy firm Peutz & Associates. The complete report can be obtained from our sales department

#### Safety

- Safety against short circuits : Soluflex is earthed (as long as 1 earthing tile is installed per 100 m<sup>2</sup>)
- Fire resistance: due to its low plenum height Soluflex is self-extinguishing  
Tested according to BS EN 13501-1, class B (fl) S1

#### Other characteristics

The Soluflex cable floor system feels extremely solid. Since the system is not adjustable in height, it needs no later adjustment

The grid layout of the system means the cables are perfectly parallel, and you can cross data cables at the required angle of 90°

### ■ TNO-fire

#### Fire propagation

Its low plenum height enables the cable floor system to be self-extinguishing

#### EN 13501-1

B(fl) S1

### ■ TNO-fire (continued)

#### NEN 1775

A - Inflammability - complies with the class

T1 criteria for inflammability

B - Horizontal fire propagation: all heights

maximum horizontal fire propagation = 0 cm, which implies a critical density of heat flow of more than 11 kW/m<sup>2</sup>

Classification according to NEN 1775: Class T1

#### NEN 6066

With (highest) heat flow supply of 50 kW/m<sup>2</sup> :

(highest) normative smoke density smaller than 0.5 m<sup>-1</sup>, which is very little smoke production in case of fire

#### DIN 4102

Resistance to fire in accordance with DIN 4102 Class B1

### ■ Level floor

The sub-floor must be dry, clean and level, suitable for laying carpet. If the floor is not level, it must be levelled before you start to install the Soluflex cable floor system. Please contact your floor specialist for professional advice

### ■ KEMA-certificate

Soluflex cable floor system has been certified by KEMA and meets the requirements for mechanical and electrical safety

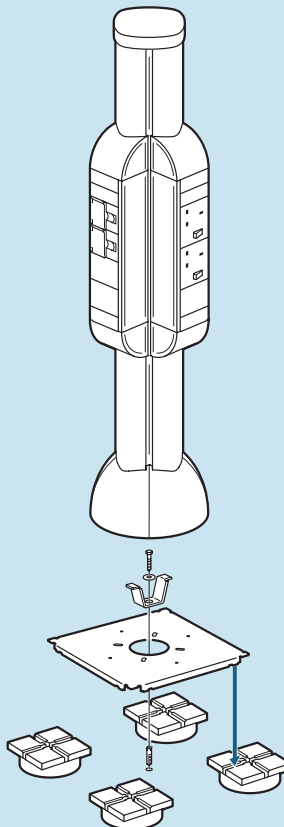
#### Earthing

The cable floor system is automatically earthed, provided that 1 earthing tile is installed per 100 m<sup>2</sup>. Install an earthing tile every 14 m length in gangways

### ■ Installation examples

#### With mini-column

Power pole with accessory outlet tile and fixing bracket

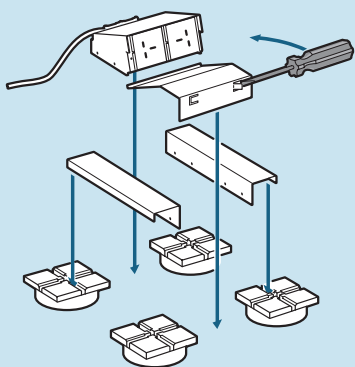


## Soluflex cable floor system

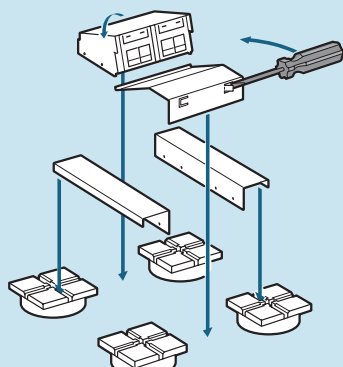
### ■ Installation examples (continued)

#### For 37 mm height cable floor system

Positioning of power outlet units

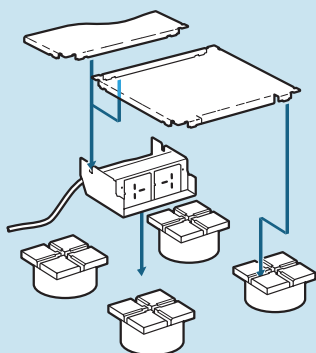


Positioning of data outlet units

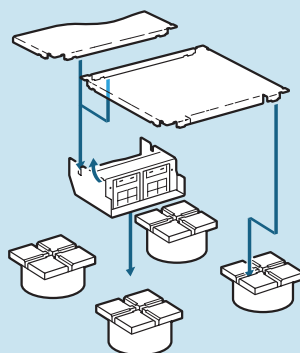


#### For 60 mm height cable floor system

Submerged Arteor power unit with cable outlet tile

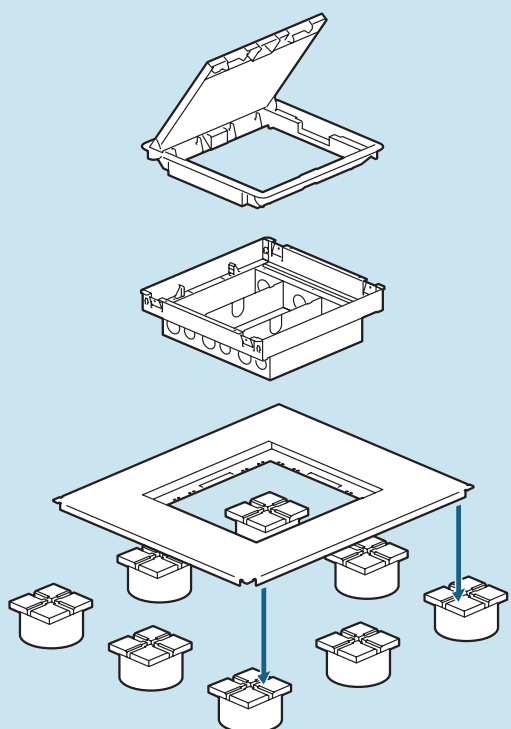


Fully submerged Arteor data unit with cable outlet



#### For 90, 120 and 150 mm height cable floor system

Floor box lid and trim with floor box tile



### ■ Installing the Soluflex cable floor system

- Start with a dry, clean and level sub-floor that is suitable for laying normal carpet. If the floor does not meet these requirements, level it first
- Start in the corner of the room and click the tiles into the supports. Leave a 10 mm gap between the wall and tile to allow for expansion. Continue to build the floor like this and cut fitting tiles or edge plates to size for final fitting against the wall
- You are now ready to open the cable routes using your cabling plan. Make sure that the cables are not placed under proposed locations of filing cabinets or other furniture as this limits flexibility
- The corners of the tiles have small recesses to enable them to be lifted using a screwdriver. Once one tile has been removed, the others can be removed by hand
- Now place the power track or cables into the cable routes, taking into account any extra cabling requirements for future flexibility
- By installing more outlet boxes you will be able to realise extra connections without interruption later
- Dependent on the floor height being installed, a choice can be made from various (pre-wired) outlet units in or on the cable floor
- Earth the cable floor system every 100 m<sup>2</sup> by means of an earthing tile
- In stretched areas such as corridors, place an earthing tile at least every 14 metres
- The electrical installation should always be carried out by a qualified electrician in conjunction with the requirements of the latest wiring regulations
- To create 'islands', install plenum with plenum angles to ensure a neat finishing of the system
- The ramp provides a constant transition from an existing floor to the Soluflex cable floor system
- The entire system can easily be dismantled and installed again as required, giving Soluflex a virtually unlimited life
- The finished installation can then be covered with rubber, stone, wood or carpet tiles
- Finishing with carpet tiles is advised for true flexibility and accessibility of the system

#### Cable routes

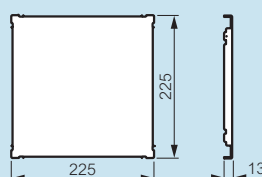


#### Completed Soluflex installation

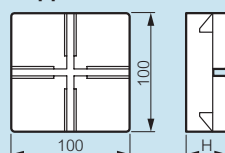


### ■ Dimensions

#### Tile Cat.No 84000 10

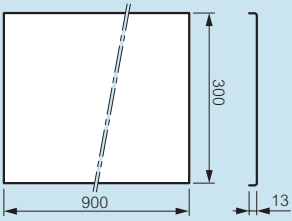


#### Support

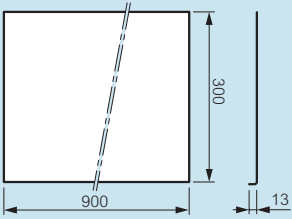


Cat.Nos	H (mm)
84037 00	35
84060 00	58
84090 00	88
84120 00	118
84150 00	148

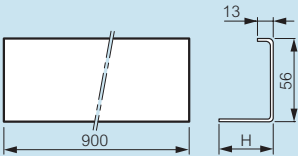
### Double edge plate Cat.No 84000 60



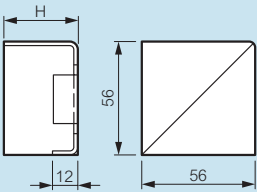
### Single edge plate Cat.No 84000 61



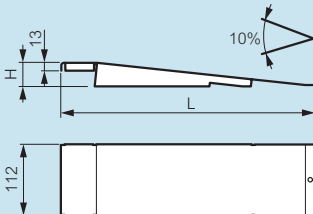
### Plenum sealing



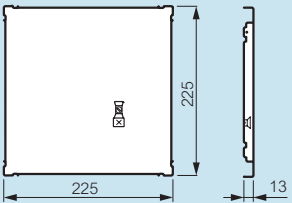
### Plenum exterior angle



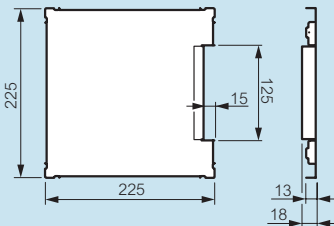
### Ramp



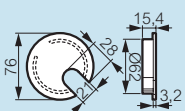
### Earthing tile Cat.No 84000 20



### Cable outlet tile Cat.No 84000 30



### Chrome outlet grommet Cat.No 81902 32

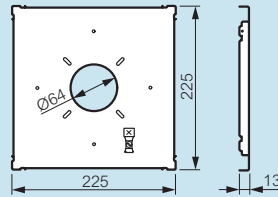


Cat. Nos	H (mm)
84037 20	37
84060 20	60
84090 20	90
84120 20	120
84150 20	150

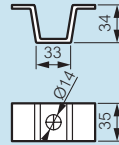
Cat. Nos	H (mm)
84037 30	37
84060 30	60
84090 30	90
84120 30	120
84150 30	150

Cat. Nos	H (mm)	L (mm)
84037 40	37	400
84060 40	60	616
84090 40	90	898
84120 40	120	1181
84150 40	150	1467

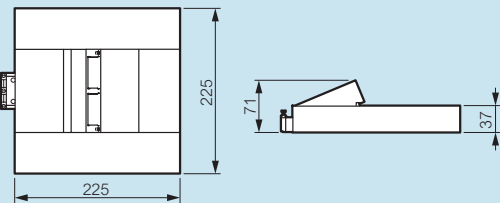
### Outlet tile Cat.No 84000 40



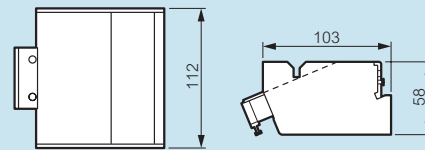
### Fixing bracket Cat.No 84000 50



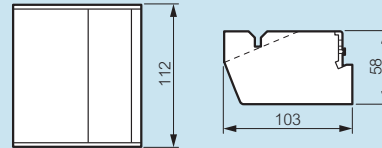
### Built-in Arteor unit for 37 mm height cable floor system



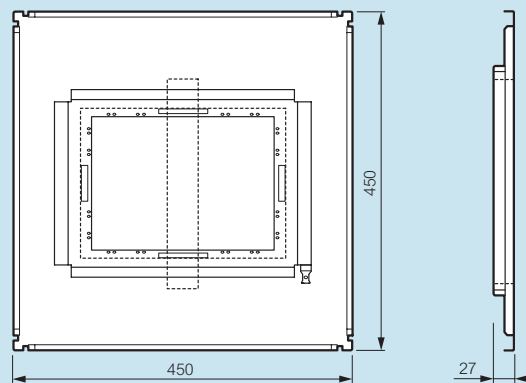
### Fully submerged Arteor power unit 2 x 240 V for 60 mm height cable floor system (empty)



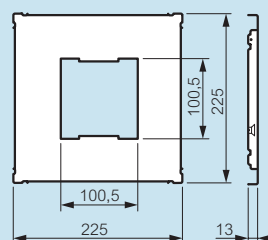
### Fully submerged Arteor data unit 2 x 2 data for 60 mm height cable floor system (empty)



### Floor box tile

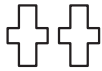


### Flip-up floor boxes tile

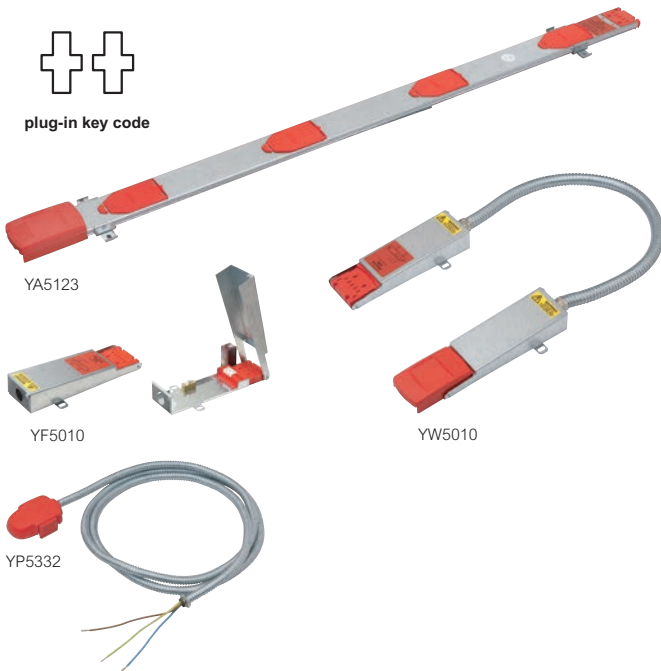


## underfloor power distribution systems

### Electrak 28 standard system



plug-in key code

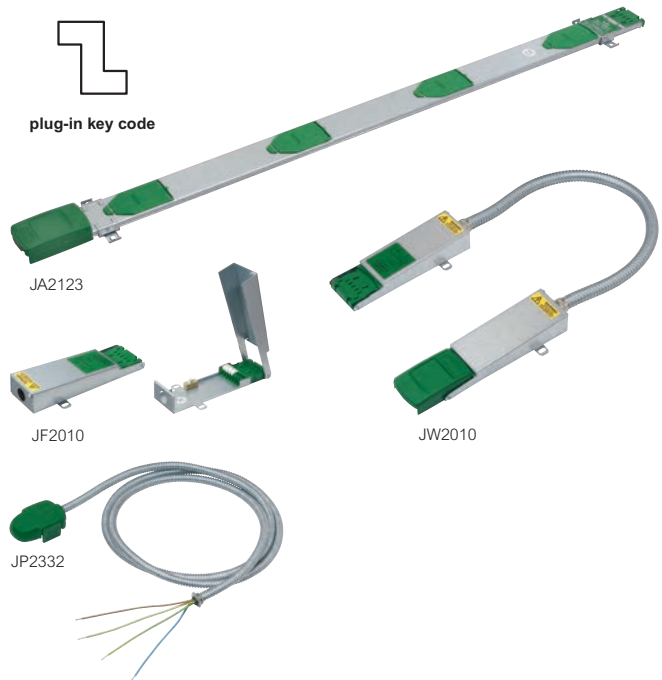


## underfloor power distribution systems

### Electrak 25 low noise system



plug-in key code



Technical characteristics p. 15

Conform to BS EN 60 439-1, BS EN 60 439-2 and BS 7671: 2008 IEE Wiring Regulations  
ASTA approved

Technical characteristics p. 15

Conform to BS EN 60 439-1, BS EN 60 439-2 and BS 7671: 2008 IEE Wiring Regulations  
ASTA approved

Pack	Cat.Nos	Electrak 28 standard floor busbar system		
		Standard system with red components Underfloor system consist of continuous lengths of power track which are fed from the distribution board via busbar feed boxes and can be installed in a raised floor clearance height 48 mm		
		<b>Busbars</b> Rated current: 63 A 230/400 V~ - 50/60 Hz 300 mm socket centres Each busbar is equipped with connectors (one male and one female) at each extremity. Connection of busbars is made by simply snap fitting Access to power is provided along the power track by simply plugging tap-off units into shuttered socket outlets Supplied with floor fixing brackets Tinned copper version available		
		Length (m)	No. of sockets	No. fixing brackets
1	YA5123	1.2	4	2
1	YA5243	2.4	8	2
1	YA5363	3.6	12	3
1	YF5010	<b>Busbar feed boxes</b> With $\perp$ , N and L connector terminals With $\varnothing$ 25 mm cable conduit fixing hole		
		<b>Flexible interlinks</b> Consist of two busbar connectors (male and female) Used to connect 2 busbars when changing direction		
1	YW5000	Without cable or conduit		
1	YW5010	With 1.2 m metal flexible conduit and cables		
1	YW5020	With 2.4 m metal flexible conduit and cables		
		<b>Tap-off units</b> Can be connected directly through the floor via grommet outlets (p. 610) to workstations Supplied with $\varnothing$ 16 mm flexible conduit and $\perp$ , N and L tap-off connectors		
1	YP5332	32 A unfused - length 3 m		
1	YP5532	32 A unfused - length 5 m		
1	YP5327	13 A fused 543-7 - length 3 m		
1	YP5527	13 A fused 543-7 - length 5 m		

Pack	Cat.Nos	Electrak 25 low noise (clean earth) floor busbar system		
		Standard system with green components Underfloor system consist of continuous lengths of power track which are fed from the distribution board via busbar feed boxes and can be installed in a raised floor clearance height 48 mm		
		<b>Busbars</b> Rated current: 63 A 230/400 V~ - 50/60 Hz 300 mm socket centres Each busbar is equipped with connectors (one male and one female) at each extremity. Connection of busbars is made by simply snap fitting Access to power is provided along the power track by simply plugging tap-off units into shuttered socket outlets Supplied with floor fixing brackets Tinned copper version available		
		Length (m)	No. of sockets	No. fixing brackets
1	JA2123	1.2	4	2
1	JA2243	2.4	8	2
1	JA2363	3.6	12	3
1	JF2010	<b>Busbar feed boxes</b> With $\perp$ , N, L and clean $\perp$ connector terminals With $\varnothing$ 25 mm cable conduit fixing hole		
		<b>Flexible interlinks</b> Consist of two busbar connectors (male and female) Used to connect 2 busbars when changing direction		
1	JW2000	Without cable or conduit		
1	JW2010	With 1.2 m metal flexible conduit and cables		
1	JW2020	With 2.4 m metal flexible conduit and cables		
		<b>Tap-off units</b> Can be connected directly through the floor via grommet outlets (p. 610) to workstations Supplied with $\varnothing$ 16 mm flexible conduits and $\perp$ , N, L and clean $\perp$ connectors		
1	JP2332	32 A unfused - length 3 m		
1	JP2532	32 A unfused - length 5 m		
1	JP2327	13 A fused 543-7 - length 3 m		
1	JP2527	13 A fused 543-7 - length 5 m		

Electrak underdesk modules (p. 54)



## underfloor power distribution systems

### ■ Technical characteristics

Electrical test data	Rated current	63 A
	Rated voltage	230/400 VA
	Frequency	50/60 Hz
	Conductor resistance - Live & neutral	3.0 mΩ/m
	Conductor impedance	1.5 mΩ/m
Volt drops (Live & neutral)	Busbars	3.0 mV/A/m
	Cable connectors	0.4 mV/A
	Track connector	0.4 mV/A
	32 A Tap-Off	0.4 mV/A
	+ 4 mm <sup>2</sup> cable	11 mV/A/m
	Flexible corner assembly	1.5 mV/A
Earth fault loop impedance	+ 10 mm <sup>2</sup> cable	4.0 mV/A/m
	Phase busbar	1.5 mΩ/m
	Earth busbar	1.5 mΩ/m
	Earth housing	1.1 mΩ/m
	Earth busbar & housing	0.8 mΩ/m
	Cable connector	0.4 mΩ
	Track connector	0.6 mΩ
	32 A Tap-off	0.6 mΩ
	+ 4 mm <sup>2</sup> cable	11 mΩ/m
	Flexible corner assembly	1.5 mΩ
+ 10 mm <sup>2</sup> cable	4.0 mΩ/m	
Rated conditional short-circuit current	16 kA	
Ambient temperature	25 °C	
Mechanical data	Number of conductors	3 to 6
	Busbar conductor cross section area	13 mm <sup>2</sup>
	Housing cross sectional (copper equivalent)	13 mm <sup>2</sup>
	Cable terminal capacity	16 mm <sup>2</sup>
	Tap-off cable 32 A	4 mm <sup>2</sup>
	Tap-off cable 13 A fused	1.5 mm <sup>2</sup>
	Tap-off conduit, up to 4 conductors	∅16 mm
	Tap-off conduit, 5 and 6 conductors	∅20 mm
	Flexible corner cable (Tri-rated, high temperature)	10 mm <sup>2</sup>
	Flexible corner conduit	∅25 mm
IP rating	40	
Material specifications	Power track housing	Galvanised steel; natural finish
	Busbars	High conductivity copper
	Busbar insulator	PTFE
	Track connector/socket outlet/track feed connector	Flame retardant polycarbonate
	Socket outlet entry shutter	Acetal
	Tap-off housing	Flame retardant polycarbonate
	Track connector blades	Copper
	Tap-off blades	Copper
	Tap-off/flexible corner conduit, metal	Electro-galvanised steel
	Tap-off conduit, plastic	VO rated
	Tap-off cable	LSOH to BS7211
	Flexible interlink cable	Tri-rated to BS6231
	Track feed box/flexible interlink boxes	Galvanised steel
	Track feed connector terminals/earth block	Brass
	Track fixing brackets	Galvanised steel
13 A Tap-off, fuse	To BS 1362, ASTA approved	

### ■ Norms

#### Approved to ASTA Standard 138

BS EN 60 439-1  
BS EN 60 439-2

Electrak is approved to ISO 9001: 2000  
Assessed Quality Insurance Certificate No. 10679

Electrak fully complies with the requirements of BS 7671: 2008 IEE wiring regulations

#### Installations with high protective conductor currents

All infused tap-offs comply with Regulation 543.7 without the need for additional earth conductors. Regulation 543.7.1.3 (ii) states "a single copper protective conductor having a cross-sectional area of not less than 4 mm<sup>2</sup>, complying with the requirements of Regulations 543.2 and 543.3, the protective conductor being enclosed to provide additional protection against mechanical damage, for example, within a flexible conduit"

For 543.7 installations with high protective conductor currents requiring fused tap-offs, a 543.7 compliant tap-off must be used. Normally fused tap-offs incorporate 1.5 mm<sup>2</sup> conductors, however in the fused 543.7 tap-offs, the 1.5 mm<sup>2</sup> earth conductor is replaced with a 4 mm<sup>2</sup> conductor and therefore complies with Section 543.7.1.3 (ii)

#### Durability

Elektrak systems are superbly designed and extremely robust. They can be expected to stand up to all normal site conditions. Elektrak has been short circuit strength tested by ASTA

#### 32 Amp tap-off unit

The 32 amp tap-off unit comprises an unfused tap-off with either 2.8 metres of 16 mm/20 mm diameter flexible metal conduit both with integral 4 mm<sup>2</sup> LSOH conductors

These units are designed to comply with regulation 434.2.1 of the IEE Wiring regulation by virtue of the following:

- 1- Maximum length of cable is 3 metres
- 2- It is factory assembled and fully tested item with cable installed in high quality flexible conduit

Fault condition protection for the tap-off assembly and the floor box socket outlets is afforded by the circuit protective device. Disconnection time for socket outlets is 0.4 seconds (Regulation 411.3.2.2). The Elektrak system meets the requirement

Tap off units in excess of 3 metres should only be used if they contain a fuse of the power track is protected by a 32 amp rated protective device

#### Earth fault loop impedance

BS 7671: 2008 IEE Wiring Regulations require accurate determination of the total earth loop impedance, which must be sufficiently low to allow the protective device to operate within the specified time, which for socket outlets is 0.4 seconds. The values relevant to Elektrak for calculating the earth fault loop impedance are shown in the electrical test data cable

### ■ Project example of Elektrak Installation

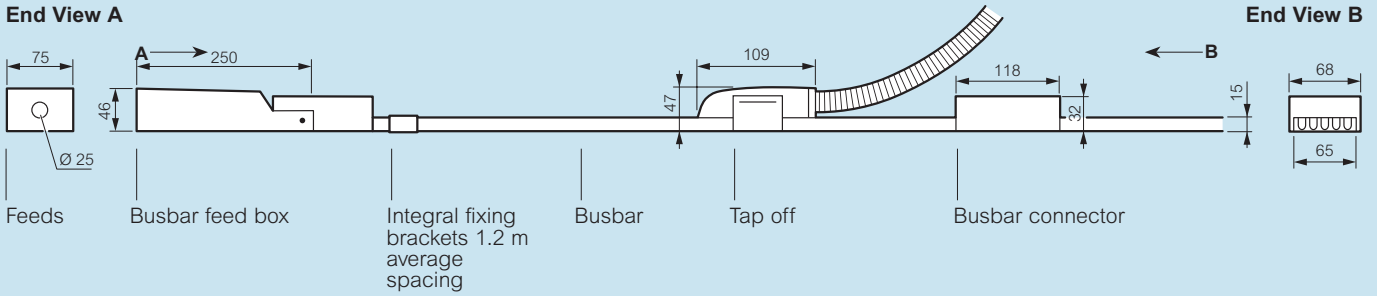


**underfloor power distribution systems**

**■ Installation principle**

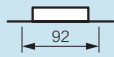
All dimensions are in mm

**End View A**

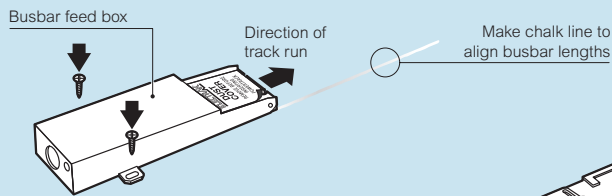


**End View**

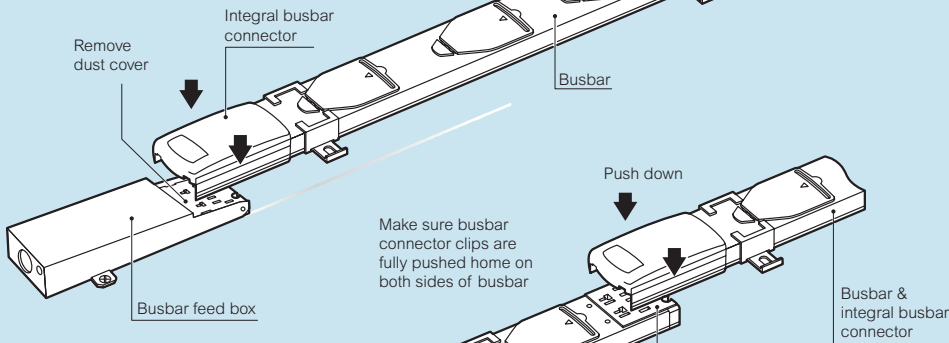
Integral fixing bracket fixing centres



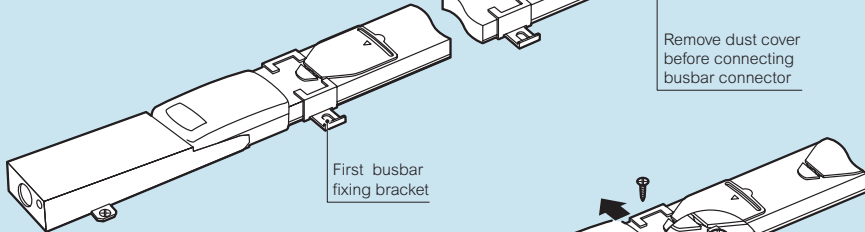
**1** Fix track feed to surface first



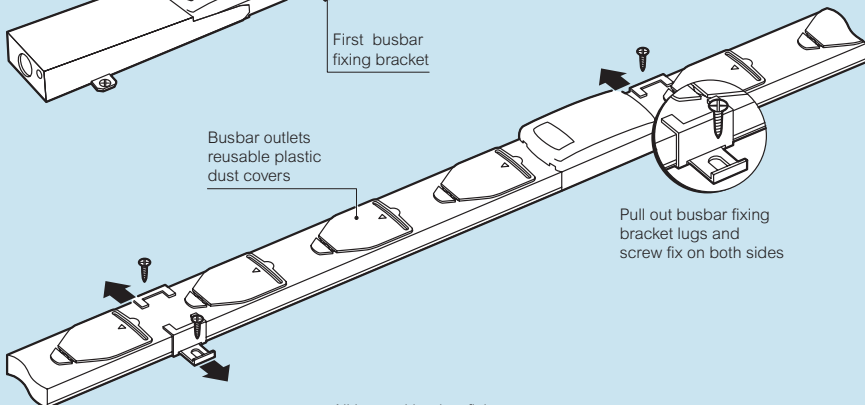
**2**



**3**



**4**



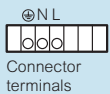
All integral busbar fixing brackets must be fixed to surface at 1.2 m fixing centres from first bracket on each busbar length

## underfloor power distribution systems

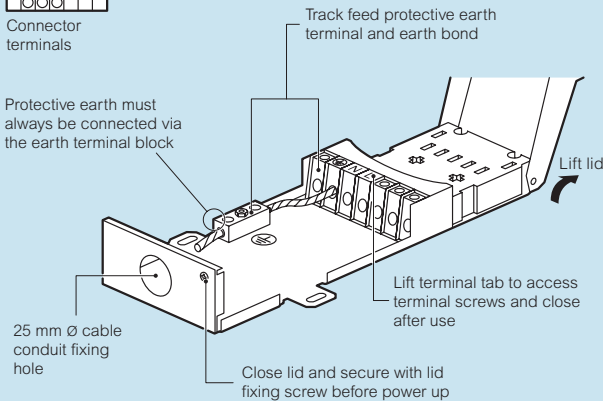
### Electrak 28 standard system

#### ■ Connection principle

##### Busbar feed

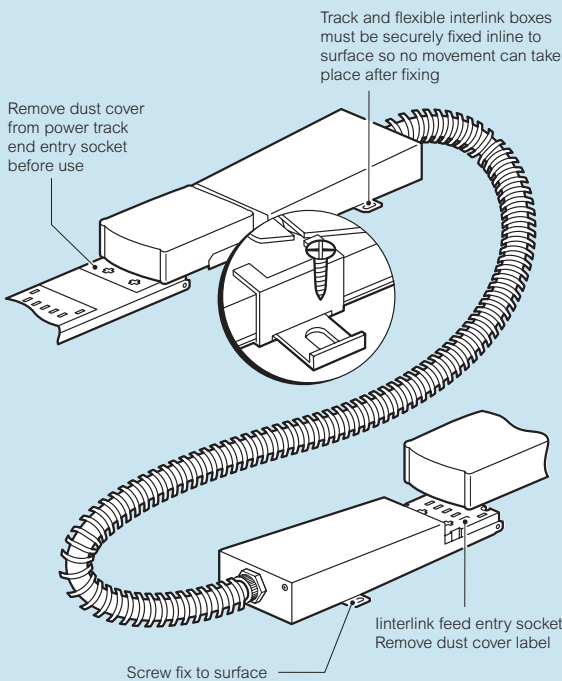


Protective earth must always be connected via the earth terminal block

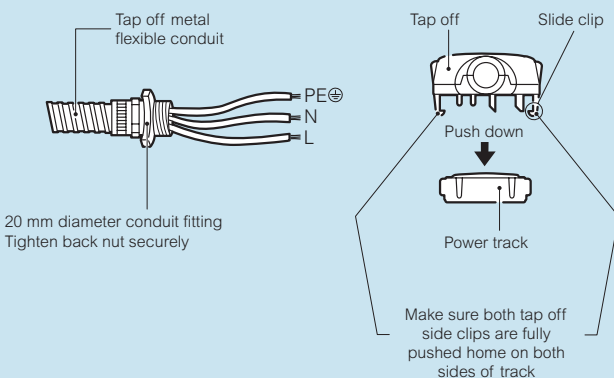


Each track feed is suitable for a conductor up to 16 mm<sup>2</sup>  
Tighten all terminal screws securely  
Track feed box must be securely fixed to surface before conduit or cables are attached to it  
Do not power up until track is installed

##### Flexible interlink



##### Tap-off connection



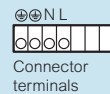
Note: track fixing brackets are for slab mounting only  
For information on other fixing methods, additional installation sheets or technical help contact Electrak

## underfloor power distribution systems

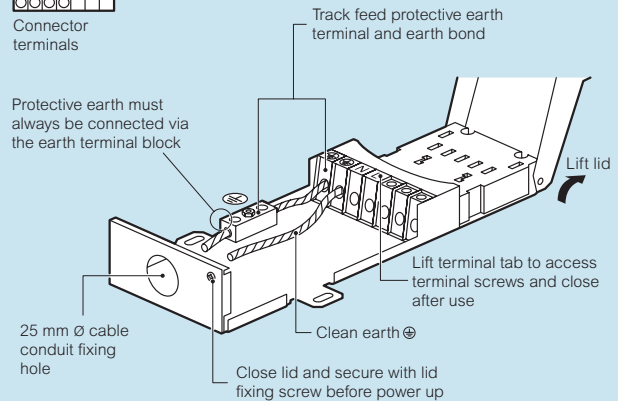
### Electrak 25 low noise system

#### ■ Connection principle

##### Busbar feed

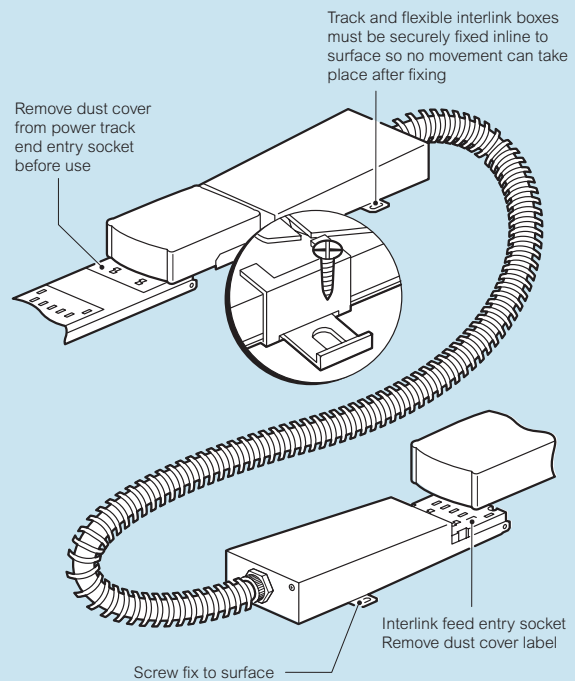


Protective earth must always be connected via the earth terminal block

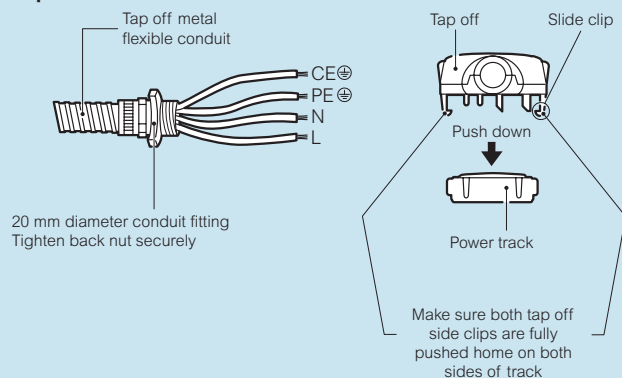


Each track feed is suitable for a conductor up to 16 mm<sup>2</sup>  
Tighten all terminal screws securely  
Track feed box must be securely fixed to surface before conductor cables are attached to it  
Do not power until track is installed

##### Flexible interlink

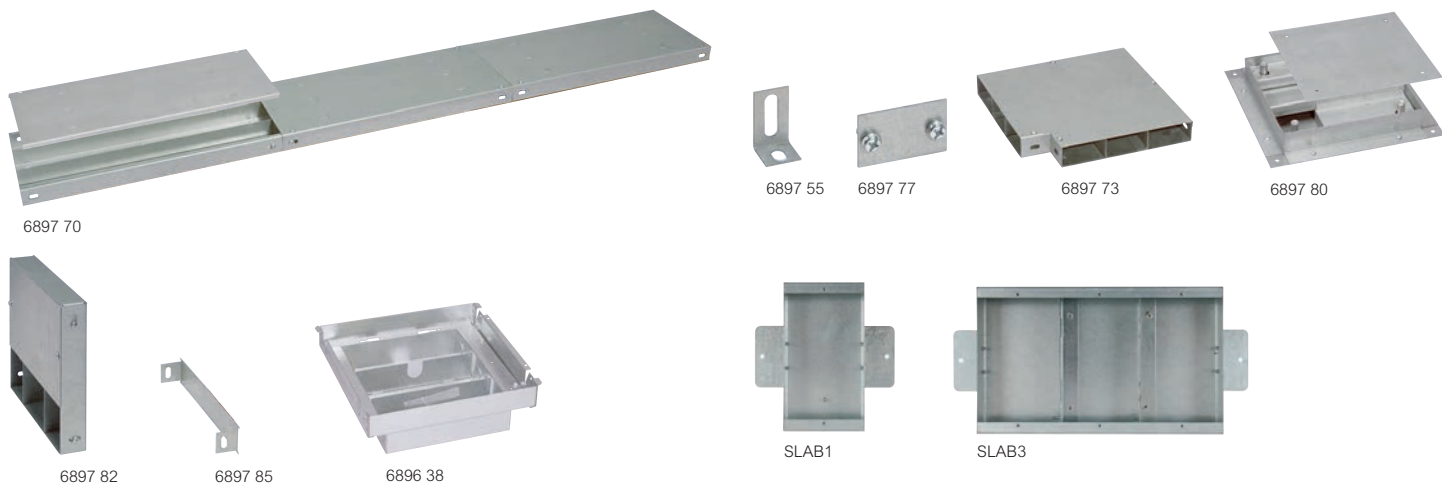


##### Tap-off connection



Note: track fixing brackets are for slab mounting only  
For information on other fixing methods, additional installation sheets or technical help contact Electrak

# raised access floors metal trunking system



**Technical characteristics p. 19 to 23**

Conform to BS EN 50085-1: 2005 and EN 50085-2.2  
 Raised floor trunking systems are suitable for routing electrical cables beneath raised floors  
 Compatible with Cat. 6 structured cabling systems

Pack	Cat.Nos	Metal trunking
27	6897 70	IP 20 - IK 08 3 compartments (for separation between ELV and LV cables) made of pregalvanised steel 12 knockouts for flexible conduit connection Supplied complete with 2 covers and dividers Length 2.44 m 225 x 38 mm 300 x 38 mm
27	6897 71	

Pack	Cat.Nos	Trunking accessories
10	6897 55	<b>Fixing bracket</b> For fixing trunking on floor
20	6897 77	<b>Coupler</b> For joining trunkings
1	6897 73	<b>Flat angle</b> For 225 x 38 mm trunking For 300 x 38 mm trunking
1	6897 74	
1	6897 80	<b>Junction box</b> For direct access to cables at the intersection of trunkings while maintaining perfect separation between ELV and LV cables Supplied complete with base, fly-overs and cover
1	6897 81	
1	6897 78	
1	6897 82	<b>Riser</b> For 225 x 38 mm trunking For 300 x 38 mm trunking
1	6897 83	
8	6897 85	<b>End cap</b> For 225 x 38 mm trunking For 300 x 38 mm trunking
12	6897 86	
10	6897 87	<b>Leveling kit for trunking</b> For raising trunking level up to 10 mm
10	6897 89	
1	6897 88	<b>Leveling kit for junction box</b> For raising junction box level up to 10 mm

Pack	Cat.Nos	Full backbox
1	6896 38	To be fitted with lid and trim (p. 40) Integrating socket outlets or support plates (p. 41) Backbox to be connected to trunking with flexible conduits Height: 86 mm 3 compartments (264 x 264 mm)
1	6896 48	4 compartments (264 x 341 mm)

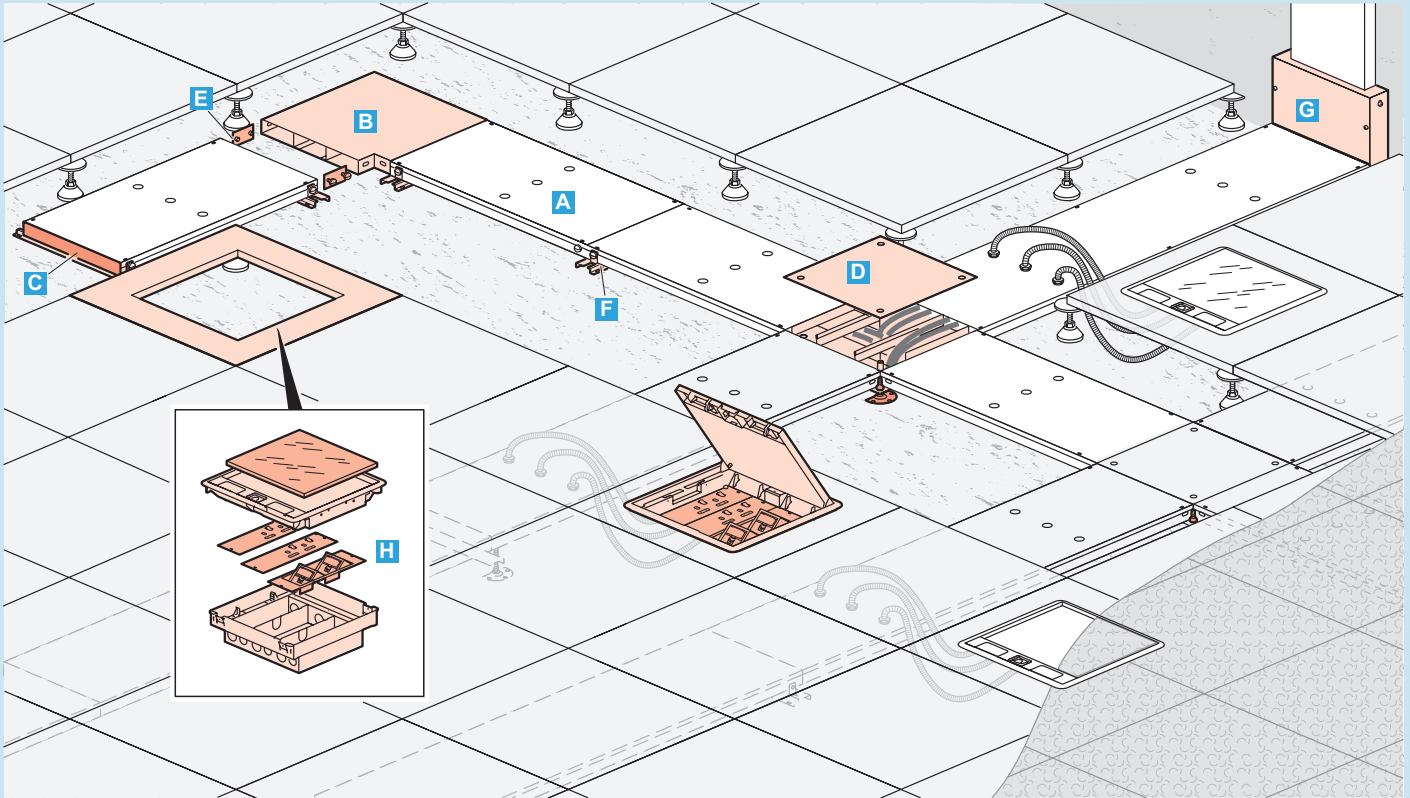
Pack	Cat.Nos	Lid and trims for carpet
5	6 896 30	To be equipped with dedicated socket outlets (p. 41), Arteor wiring accessories or 6C modules Supplied with flexible or rigid cable exits <b>3-compartment floor boxes</b> Grey cover RAL 7031 with rigid cable exits

Pack	Cat.Nos	Slab floor box
1	SLAB1	1 compartment
1	SLAB2	2 compartment
1	SLAB3	3 compartment
1	SP3201	13 A Twin Switched for Slab Box
1	SP3403	Data Plates - 4 cut-outs for Slab Box
1	SP3000	Blank Plate for Slab Box

Pack	Cat.Nos	150 mm plastic grommets
1	SG6	Hole size 152 mm Carpet recess optional on power versions Secured by quarter-turn fasteners <b>Access grommet</b> Allows power, data and flexible conduit up to 32 mm to pass safely through raised access floor Maximum number of conduit entries: 9 x 20 Ø 5 x 25 Ø 3 x 32 Ø

# raised access floor metal trunking system

## System overview



- A** Trunking
- B** Flat angle
- C** End cap
- D** Junction box
- E** Coupler
- F** Leveling kit
- G** Riser
- H** Floor box (full backbox + lid and trim) Socket outlets and data sockets plates to be ordered separately

## Standards

### Metal trunking according to standard EN 60-670 and EN 50085-2.2

It ensures constant performance along the entire distribution up to the user connection point

Classification for raised floor		Raised floor
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristics	With electrical continuity characteristic (metal ducting & accessories)
6.6	Electrical insulating characteristics	Without electrical insulating characteristic (metal ducting & accessories)
6.7	Degree of protection provided by enclosure	IP 20
6.9	System access cover retention	With a tool
6.101	Floor treatment	For dry treatment of floor
6.102	Resistance to a vertical load applied over a small surface area	1500 N <sup>(1)</sup>
6.103	Optional classification: resistance to vertical load applied through large surface area	3000 N
6.103	Rated voltage	500 V
6.103	Protection against mechanical impact	IK 08

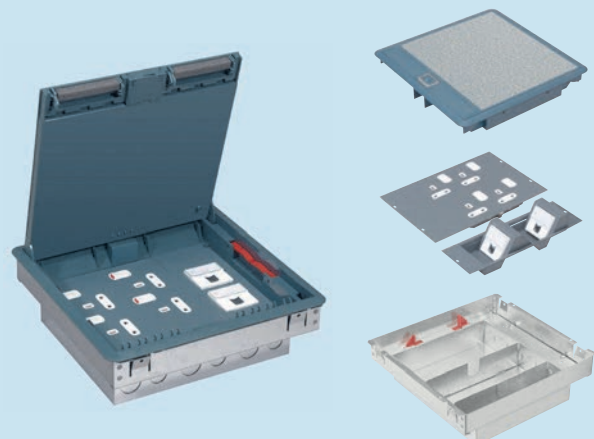
(1) For 4 compartments, resistance to vertical load applied over a small surface area = 750 N

## Materials

### Metal Duct and accessories

Material pre-galvanised sheet steel (DX51D Z275 MAC)  
 Standard thickness: 1 mm for body/diverders/covers  
 Standard length: 2.44 m  
 Number of compartments: 3 compartments

### The Complete Raised Floor Box



# raised access floor metal trunking system

## ■ Composition and functions for raised access floor system

		Fixing brackets	Coupler	End cap	Leveling		Riser	Junction box	Flat angle	Full backbox	
										3 compt	4 compt <sup>(1)</sup>
<b>225 x 38 Metal</b> 	6897 70	6897 55	6897 77	6897 85	6897 87	6897 88	6897 82	6897 80 (225 x 38)	6897 73	6896 38	6896 48
				6897 86	6897 89		6897 83	6897 78 (225/300 x 38)			
<b>300 x 38 Metal</b> 	6897 71							6897 81 (300 x 38)			

Lid and trim for floor boxes				
Floor box	Rigid cable exits	Flexible cable exits	Stainless steel insert	
3 compt	grey	6896 30	6896 31	6896 92
	beige	6896 32	6896 33	
4 compt <sup>(1)</sup>	grey	6896 40	6896 41	6896 93
	beige	6896 42	6896 43	

(1) For 4 compartments, resistance to a vertical load applied over a small surface area = 750 N

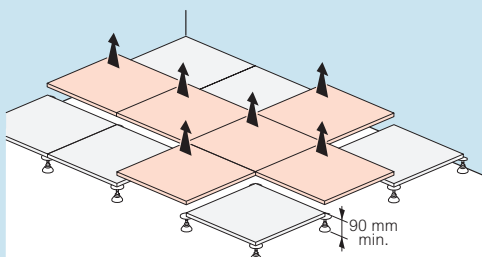
## ■ Cable capacity guide

The number and location of boxes will depend upon the end user's requirement  
 A floor box should be considered for each workstation or desk with an average of 1 FB for every 10 m<sup>2</sup>

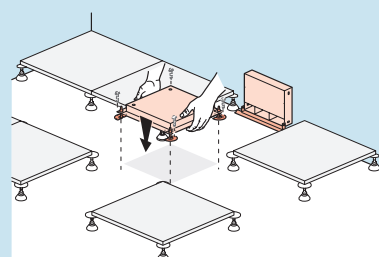
Dimensions	Compartment	Available section at 45 % fill mm <sup>2</sup>	Capacity: maximum number of conductors per compartment (for one specific cable type)													
			PVC stranded						Twin & earth			cat. 5e UTP Ø5.5	cat. 5e STP Ø6	cat. 6 UTP Ø6.5	cat. 6 STP Ø7	
			1,5 <sup>2</sup> Ø3.3	2,5 <sup>2</sup> Ø4	4 <sup>2</sup> Ø4.6	6 <sup>2</sup> Ø5.2	10 <sup>2</sup> Ø6.7	16 <sup>2</sup> Ø7.8	25 <sup>2</sup> Ø9.7	2,5 <sup>2</sup> Ø10.5	4 <sup>2</sup> Ø11.2					6 <sup>2</sup> Ø13.3
<b>225 x 38</b>		1134	132	90	68	53	32	24	15	13	11	8	38	32	27	23
<b>300 x 38</b>		1584	184	126	95	75	45	33	21	18	16	11	52	44	38	32

The above table gives the available capacity units on a 45 % factor, applied to the internal wiring area

## ■ Installation principle

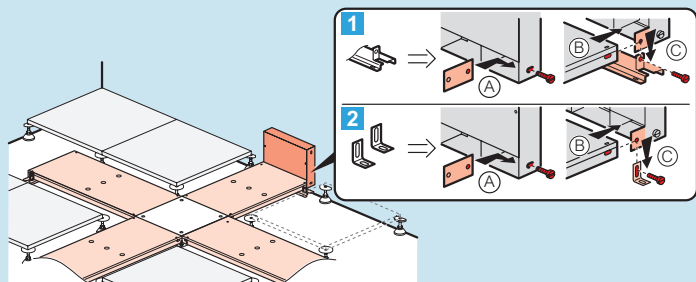


Remove the raised access floor tiles along the path

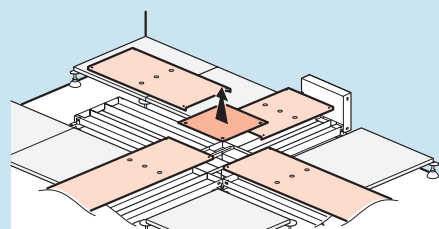


Place the junction boxes, risers and flat angles at the required location. Level if required (Cat.No 6897 88)

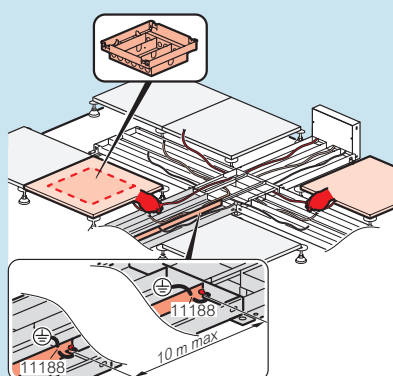
## ■ Installation principle (continued)



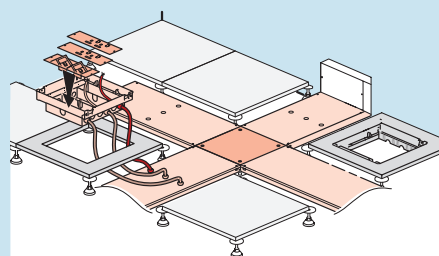
Fix trunking and all accessories with fixing brackets (1 with levelling, 2 without levelling)



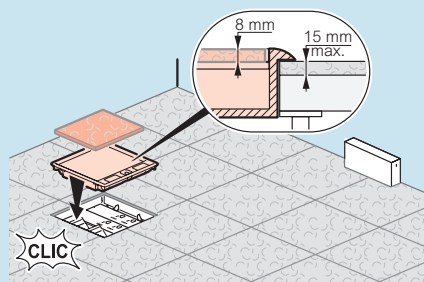
Remove all covers for cabling



Cut raised access floor tiles according to backbox size and earth the system (minimum every 10 meters)



On trunking, remove knockouts to fit flexible conduit  
Fix the wiring accessory plates. Earth the system

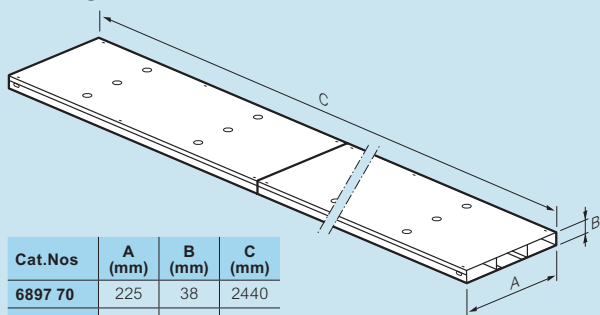


Fit the floor covering (carpet,...) and clip the lid and trim onto the backbox (push and fit principle)

# raised access floor metal trunking system

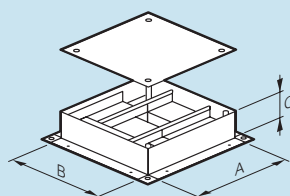
## ■ Dimensions

### Trunking



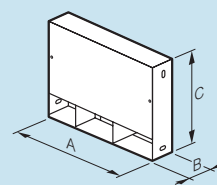
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 70	225	38	2440
6897 71	300	38	2440

### Junction box



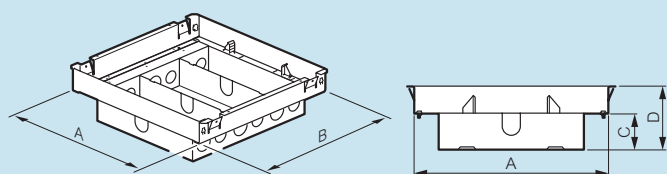
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 80	225	225	38
6897 81	300	300	38
6897 78	225	300	38

### Riser



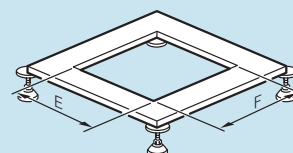
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 82	225	38	201
6897 83	300	38	201

### Full backbox



Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)	No compartment
6896 38	263	263	48	86	3
6896 48	263	340	48	86	4

### Floor tile cutting



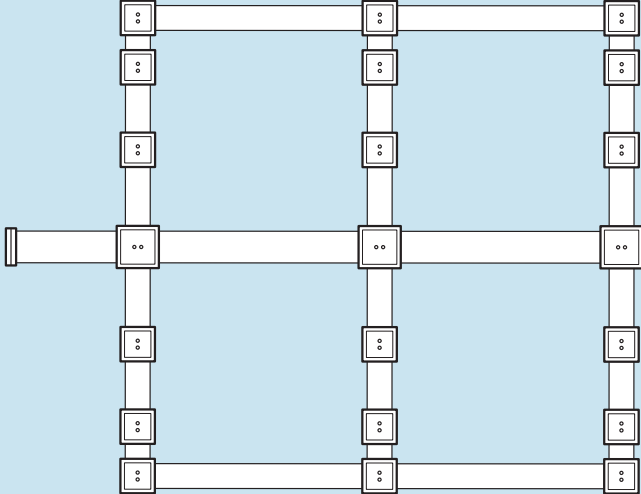
Cat.Nos	E (mm)	F (mm)
6896 38	264	264
6896 48	264	341



## ■ Example of layout

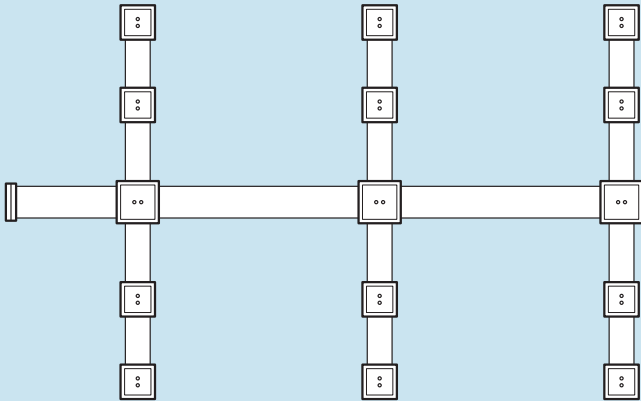
For optimal flexibility of the installation, the trunking is usually installed on either a Grid, Fishbone or a Comb Pattern of single, double or triple runs

### Grid Pattern



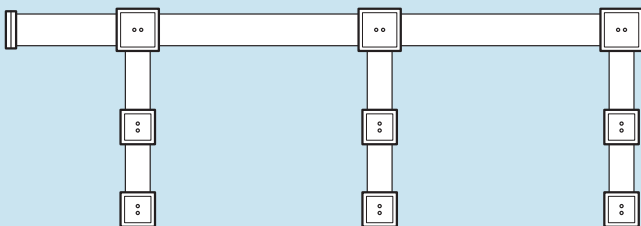
A Grid Pattern is widely used in areas where the occupants require the highest degree of flexibility in reconfiguring workspace  
Capacity can be increased by returning individual ring mains through different runs of trunking, which in itself allows easier installation

### Fishbone Pattern

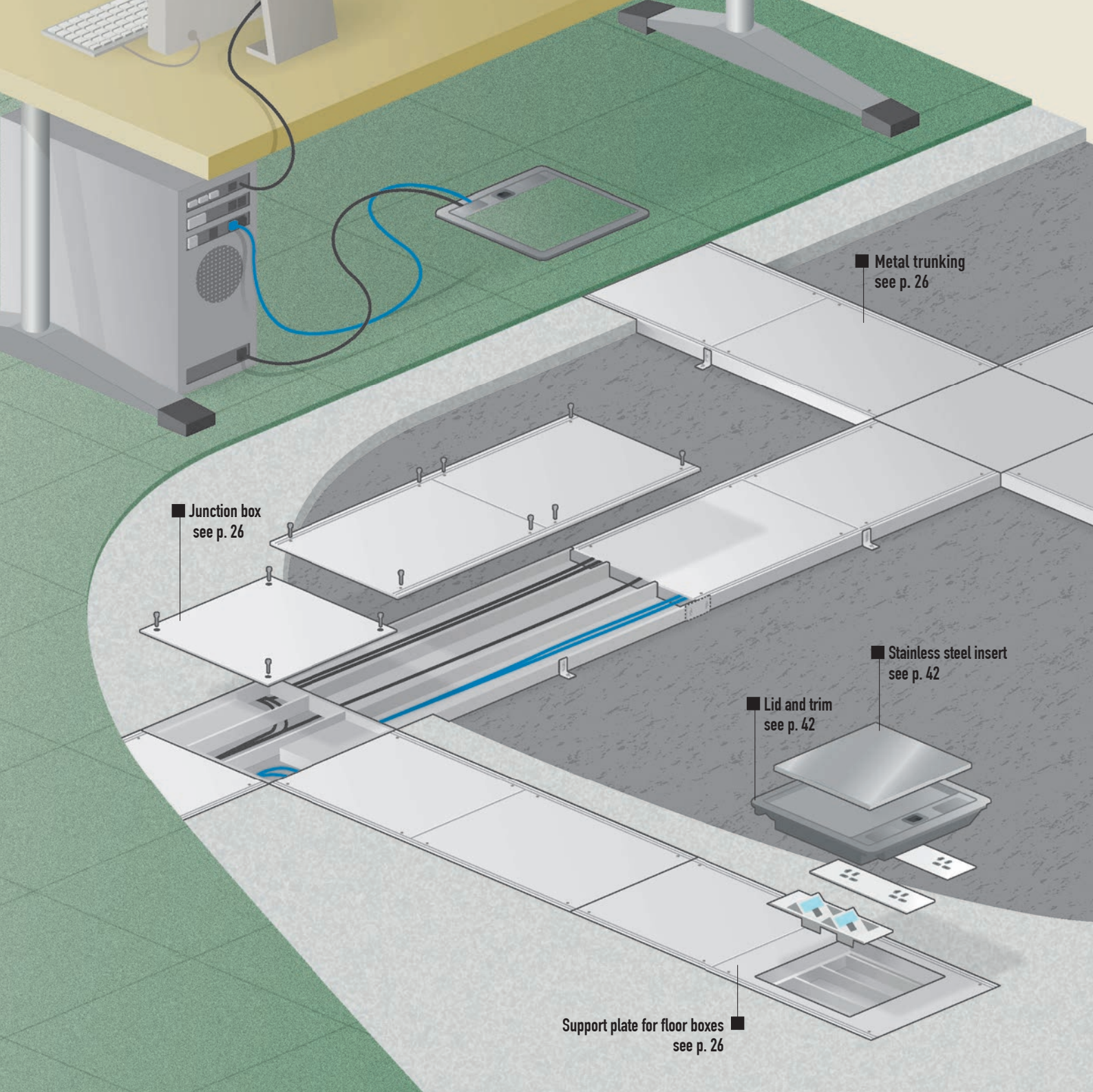


The Fishbone Pattern is ideal for a medium sized area where fewer boxes are required

### Comb Pattern

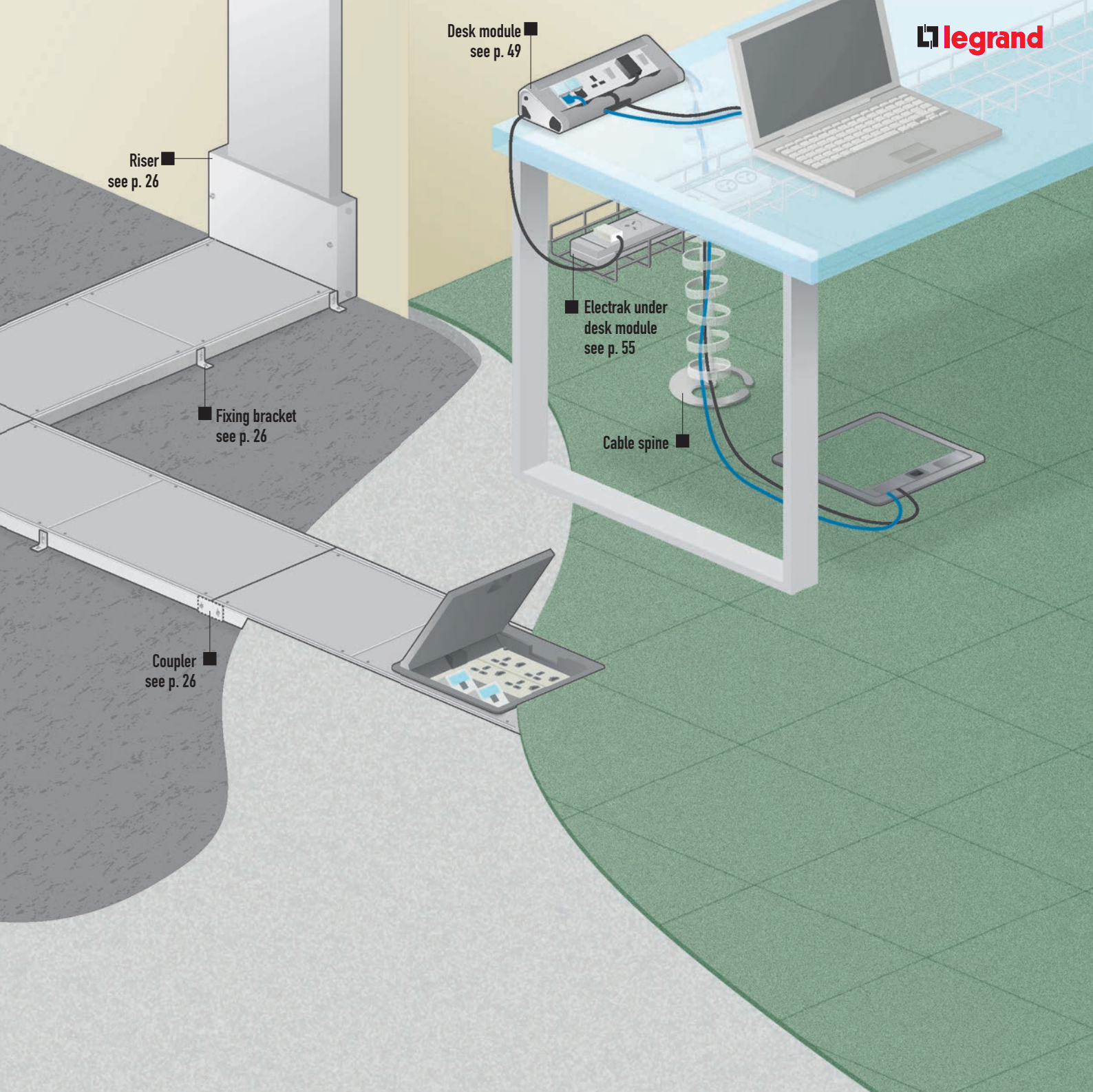


The Comb Pattern is the most economical way of installation in which a minimum of trunking is used  
The Comb Pattern is suited for small to medium office areas



## FLUSH FLOOR SYSTEMS

Flush floor trunking system combines robustness and flexibility, allowing power and data distribution throughout concrete floors. The system facilitates frequent maintenance operations or eventual changes of floor box locations. Different accessories ensure quick installation and perfect integration into the concrete floor.



Trunking		Fixing bracket	Coupler	Junction box	Riser	End cap	Leveling kit		Support plate for floor boxes	
							for trunking	for junction boxes	3 compt	4 compt
Metal 300 x 65	6897 50	6897 55	6897 77	6897 60	6897 62	6897 65	6897 67	6897 88	6896 36	-
Metal 405 x 65	6897 51	6897 55	6897 77	6897 61	6897 63	6897 66	6897 68		6896 37	6896 47

Lid and trim for floor boxes				
Floor box	Rigid cable exit	Flexible cable exit	Stainless steel insert	
3 compt	grey	6896 30	6896 31	6896 92
	beige	6896 32	6896 33	
4 compt	grey	6896 40	6896 41	6896 93
	beige	6896 42	6896 43	

### OTHER SOLUTIONS

- > Raised access floor systems see page 2-23
- > Screed floor system see page 30-37
- > Floor boxes and other connection points see page 38-47
- > Wall and ceiling systems see page 58-73
- > Arteur wiring devices see page 74-79

# flush floor metal trunking system



6897 51



6897 63



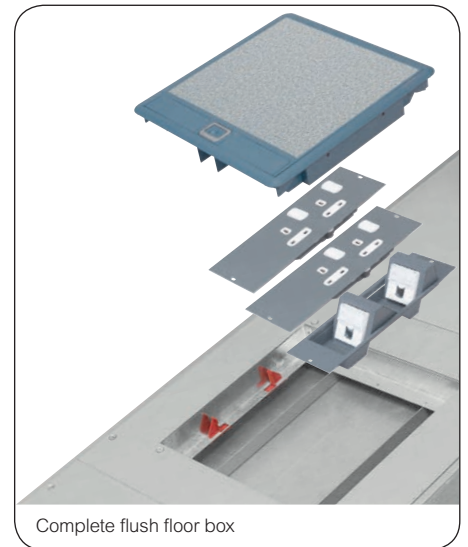
6897 66



6897 68



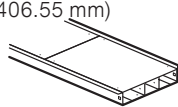
6896 36



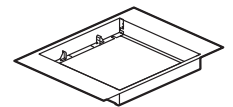
Complete flush floor box

Conform to BS EN 50085-1: 2005 and EN 50085-2.2  
 Provides power and data distribution channels in concrete floors  
 This robust system offers a high degree of flexibility for applications requiring frequent maintenance or frequent layout changes  
 Compatible with Cat. 6 structured cabling system

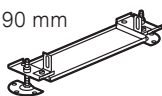
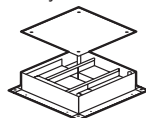
Pack.	Cat.Nos	Metal trunking
21	6897 50	IP 20 - IK 08 3 compartments (for separation between ELV and LV cables) made of pre-galvanised steel Supplied complete with 6 covers (406.55 mm) and dividers Length 2.44 m 300 x 65 mm
16	6897 51	405 x 65 mm



Pack.	Cat.Nos	Support plate for floor boxes
1	6896 36	To be fitted with lid and trim (p. 40) Integrating socket outlets or support plates (p. 41) <b>For 300 x 65 mm trunking</b> For 3 compartments
1	6896 37	<b>For 405 x 65 mm trunking</b> For 3 compartments
1	6896 47	For 4 compartments



Pack.	Cat.Nos	Trunking accessories
10	6897 55	<b>Fixing bracket</b> For fixing trunking on floor or on leveling bracket
10	6897 57	<b>Coupler</b> For joining trunkings
		<b>Junction boxes</b> For direct access to cables at the intersection of trunkings while maintaining perfect separation between ELV and LV cables Supplied complete with base, cover and fly-overs
1	6897 60	For 300 x 65 mm trunking
1	6897 61	For 405 x 65 mm trunking
1	6897 69	For junction between 300 x 65 and 405 x 65 mm trunkings
		<b>Risers</b>
1	6897 62	For 300 x 65 mm trunking
1	6897 63	For 405 x 65 mm trunking
		<b>End caps</b>
5	6897 65	For 300 x 65 mm trunking
4	6897 66	For 405 x 65 mm trunking
		<b>Leveling kit for trunking</b> For raising trunking level up to 70 to 90 mm
10	6897 67	For 300 x 65 mm trunking
10	6897 68	For 405 x 65 mm trunking
		<b>Leveling kit for junction boxes</b> For raising junction box level up to 70 to 90 mm
1	6897 88	

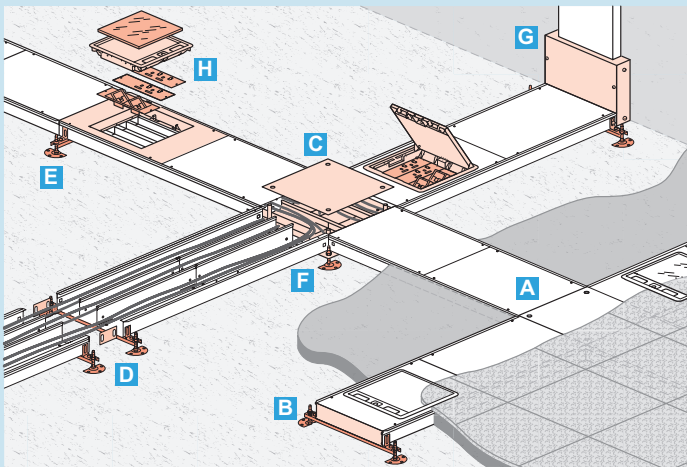


Pack.	Cat.Nos	Lid and trims for carpet
5	6 896 30	To be equipped with dedicated socket outlets (p. 41), Arteor wiring accessories or 6C modules Supplied with flexible or rigid cable exits <b>3-compartment floor boxes</b> Grey cover RAL 7031 with rigid cable exits



# flush floor metal trunking system

## System overview



- A** Trunking
- B** End cap
- C** Junction box
- D** Coupler and leveling kit
- E** Fixing bracket and leveling for trunking
- F** Leveling for junction box
- G** Riser
- H** Floor box (support plate + lid and trim) Socket outlets and data sockets plates to be ordered separately

## Standards

### Metal trunking according to standard EN 60-670 and EN 50085-2.2

It ensures constant performance along the entire distribution up to the user connection point

Classification for flush floor	Flush floor	
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristics	With electrical continuity characteristic (metal ducting & accessories)
6.6	Electrical insulating characteristics	Without electrical insulating characteristic (metal ducting & accessories)
6.7	Degree of protection provided by enclosure	IP 20
6.9	System access cover retention	With a tool
6.101	Floor treatment	For dry treatment of floor
6.102	Resistance to a vertical load applied over a small surface area	1500 N <sup>(1)</sup>
6.103	Optional classification: resistance to vertical load applied through large surface area	3000 N
6.103	Rated voltage	500 V
6.103	Protection against mechanical impact	IK 08

(1) For 4 compartments, resistance to vertical load applied over a small surface area = 750 N

## Materials

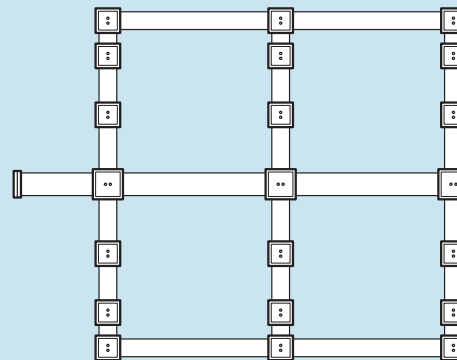
### Metal trunking and accessories

Material pre-galvanised sheet steel (DX51D Z275 MAC)  
 Standard length: 2.44 m  
 Number of compartments: 3 compartments  
 Standard depth: 65 mm  
 Standard thickness: 1.5 mm for body/2.5 mm for covers/1 mm for dividers

## Example of layout

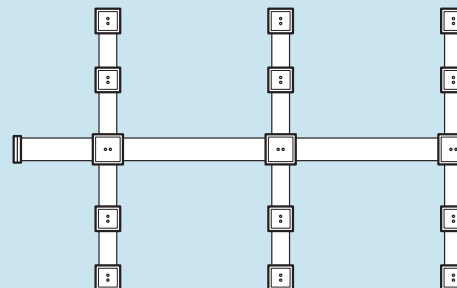
In order that the installation may exhibit the desired flexibility, the ducting is usually laid out on either a Grid, Fishbone or a Comb Pattern of single, double or triple runs

### Grid Pattern



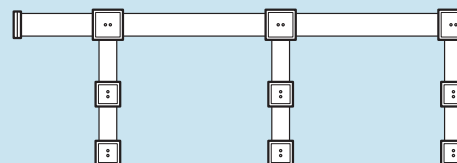
A Grid Pattern is widely used in areas where the occupants require the highest degree of flexibility in reconfiguring workspace  
 Capacity can be increased by returning individual ring mains through different runs of trunking, which in itself allows easier installation

### Fishbone Pattern



The Fishbone Pattern is ideal for a medium sized area where fewer boxes are required

### Comb Pattern



The Comb Pattern is the most economical way of installation in which a minimum of trunking is used  
 The Comb Pattern is suited for small to medium office areas

## flush floor metal trunking systems

### Composition and functions for flush floor system

		Fixing brackets	Coupler	End cap	Leveling		Riser	Junction box	Support plate for floor boxes	
<b>300 x 65 Metal</b> 	6897 50	6897 55	6897 57	6897 65	6897 67	6897 88	6897 62	6897 60 (300 x 65)	6896 36	-
<b>405 x 65 Metal</b> 	6897 51			6897 66	6897 68		6897 63	6897 61 (405 x 65)		

#### Lid and trim for floor boxes

Floor box	Rigid cable exits	Flexible cable exits	Stainless steel insert
3 compt	grey 6896 30	6896 31	6896 92
	beige 6896 32	6896 33	
4 compt <sup>(1)</sup>	grey 6896 40	6896 41	6896 93
	beige 6896 42	6896 43	

(1) For 4 compartments, resistance to vertical load applied over a small surface area = 750 N

### Cable capacity guide

The number and location of boxes will depend upon the end user's requirement  
A floor box should be considered for each workstation or desk with an average of 1 FB for every 10 m<sup>2</sup>

			Capacity: maximum number of conductors per compartment (for one specific cable type)													
			PVC stranded							Twin & earth						
Ducting	Compartment	Available section at 45 % fill mm <sup>2</sup>	1,5 <sup>2</sup> Ø3.3	2,5 <sup>2</sup> Ø4	4 <sup>2</sup> Ø4.6	6 <sup>2</sup> Ø5.2	10 <sup>2</sup> Ø6.7	16 <sup>2</sup> Ø7.8	25 <sup>2</sup> Ø9.7	2,5 <sup>2</sup> Ø10.5	4 <sup>2</sup> Ø11.2	6 <sup>2</sup> Ø13.3	cat. 5e UTP Ø5.5	cat. 5e STP Ø6	cat. 6 UTP Ø6.5	cat. 6 STP Ø7
300 x 65	1	2992	348	237	180	141	85	63	40	35	30	20	99	83	71	61
	2	2086	243	166	126	98	59	44	28	24	21	14	69	58	49	43
	3	2992	348	237	180	141	85	63	40	35	30	20	99	83	71	61
405 x 65	1	3389	394	269	204	160	96	71	46	39	34	23	112	94	80	69
	2	4200	488	333	253	198	119	88	57	49	42	28	139	117	100	86
	3	3389	394	269	204	160	96	71	46	39	34	23	112	94	80	69

The above table gives the available capacity units on a 45 % factor, applied to the internal wiring area

### Installation principle

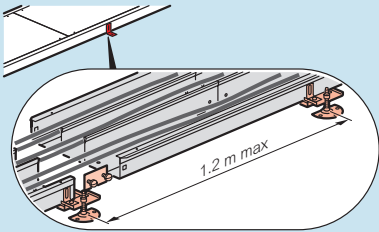
Mark the pathway for trunking and junction boxes

Fix risers junction boxes on the slab. Use levelling kits if screed level is between 70 and 90 mm

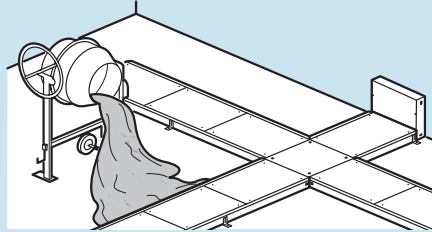
Fix trunking and all accessories with fixing brackets

# flush floor metal trunking systems

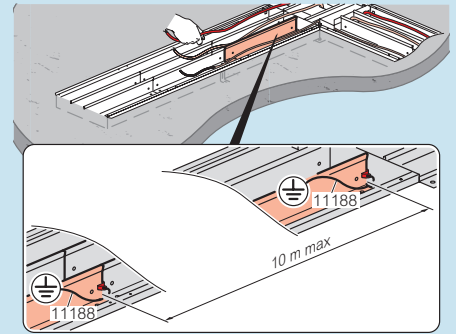
## Installation principle



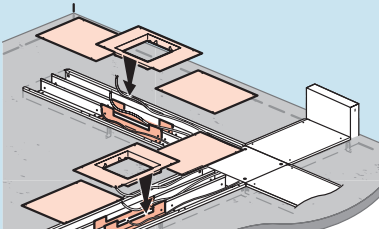
If levelling is required, use levelling kits and do not exceed 1.2 m between levelling brackets



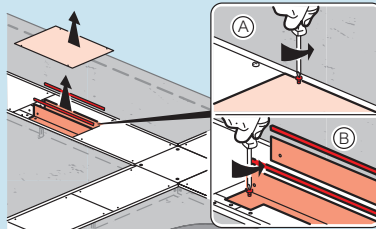
Pour concrete



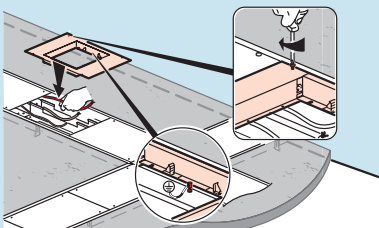
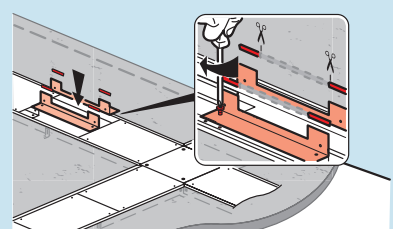
Earth the system (minimum every 10 m)



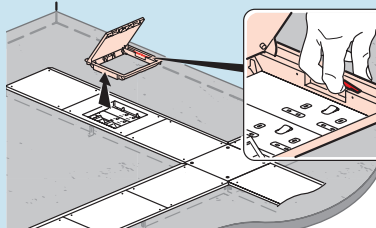
Once the screed is dry, remove the covers and cable the trunking



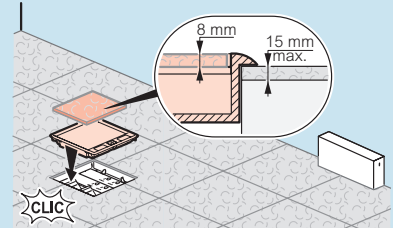
To fit the floor box, remove cover and the rubber gasket. Remove the dividers, fix them up-side-down and reposition rubber gasket



Fix floor box support plate, and earth it

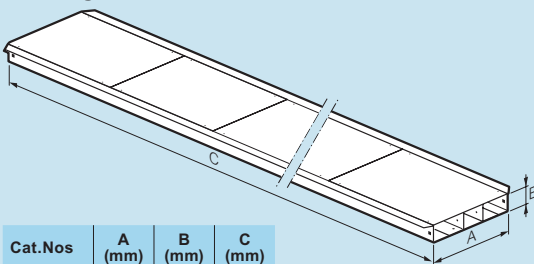


Connect wiring and fix the wiring accessory plates. Fit the carpet and clip the lid and trim on the support plate (push and fit principle)



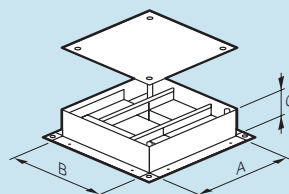
## Dimensions

### Trunking



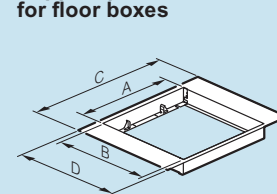
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 50	300	65	2440
6897 51	405	65	2440

### Junction box



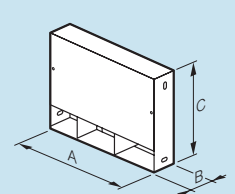
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 60	360	360	66.6
6897 61	465	465	66.6
6897 69	360	465	66.6

### Support plate for floor boxes

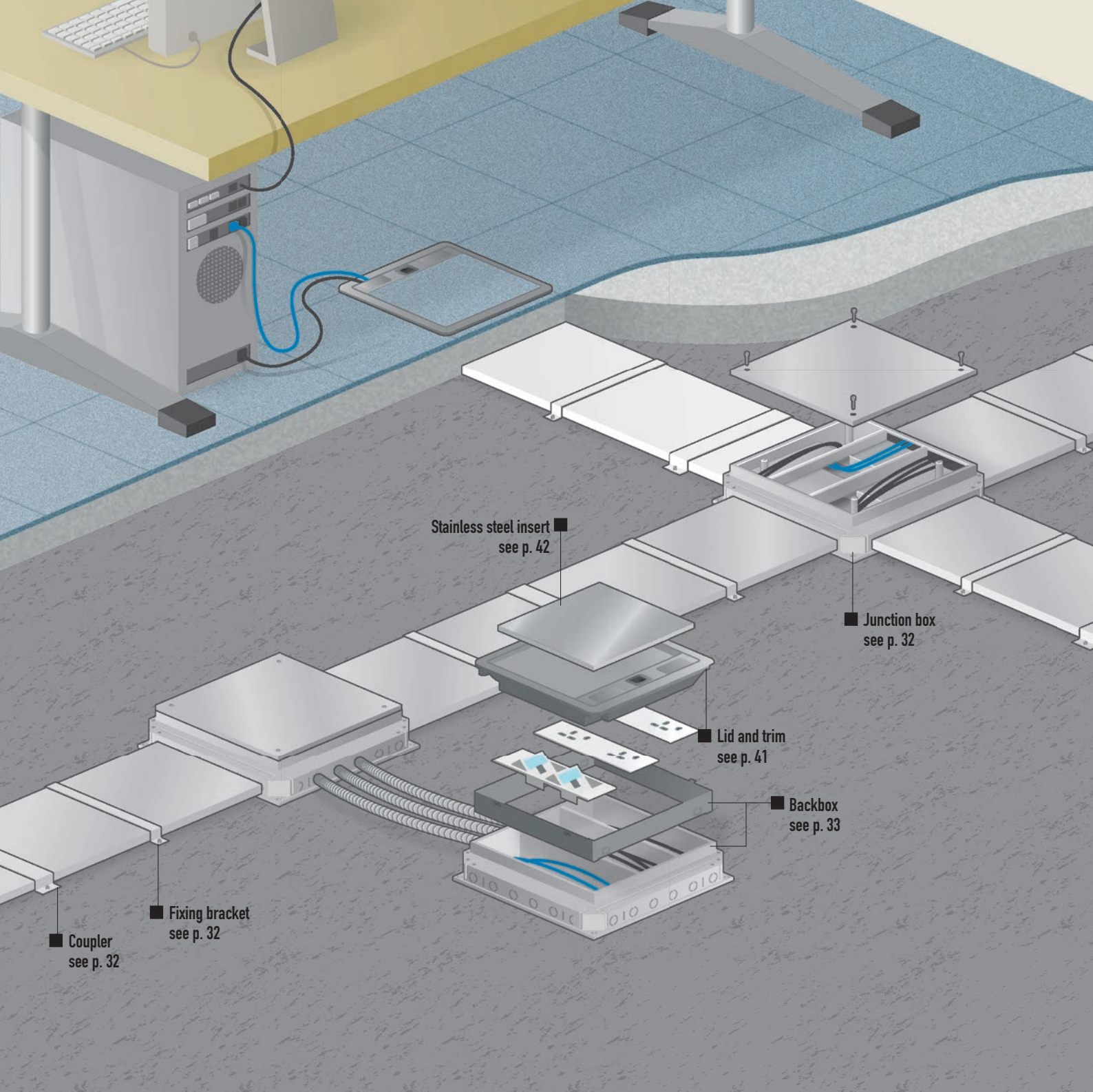


Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)
6896 36	264	264	406.5	300
6896 37	264	264	406.5	405
6896 47	264	340	406.5	405

### Riser



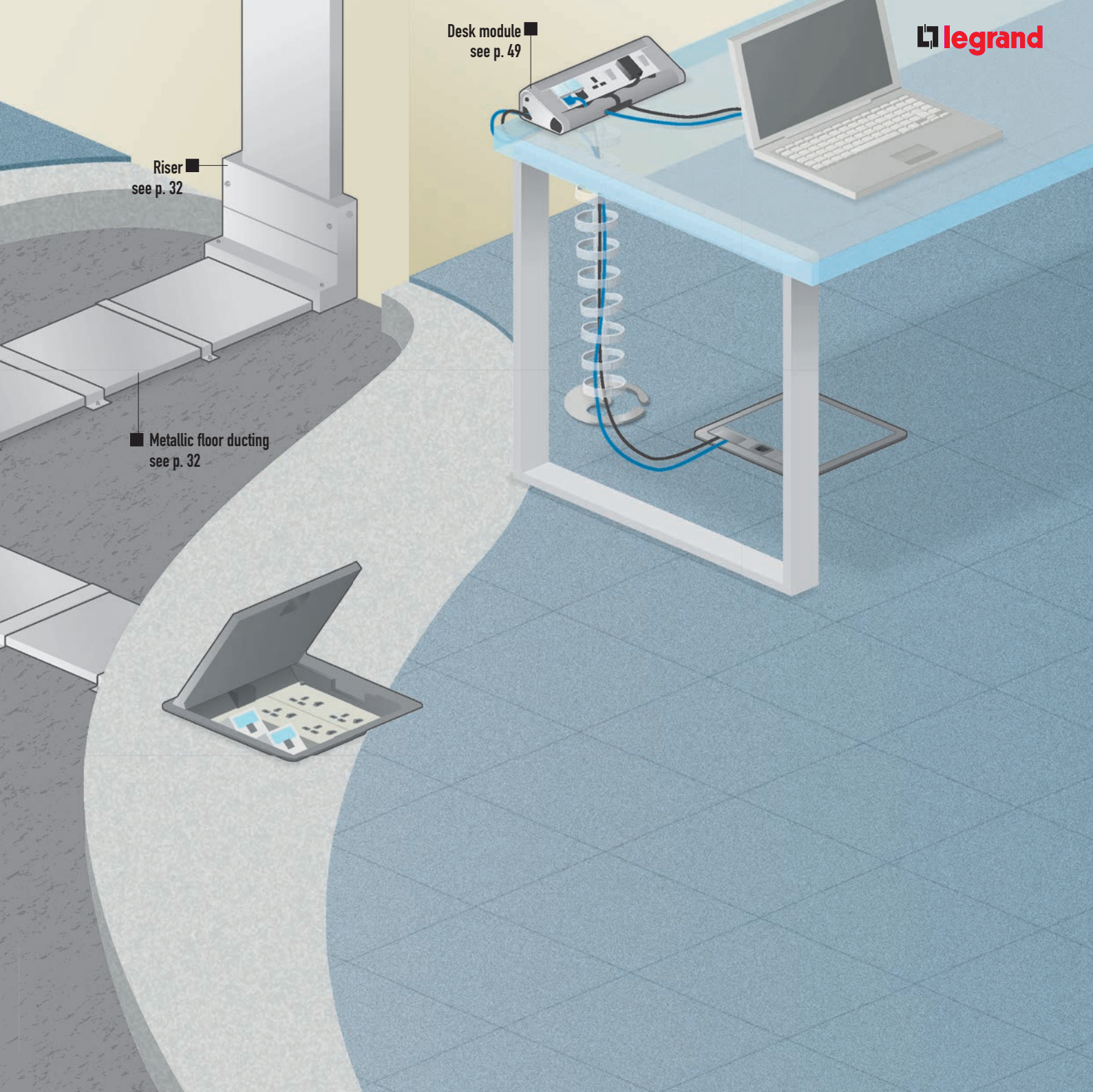
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 62	300	65	201
6897 63	405	65	201



## SCREED FLOOR SYSTEMS

Metallic ducting is a quick and easy way to install power and data distribution throughout screed floors. These systems are particularly robust and are designed to support superior loads. Junction boxes and risers allow easy access when installing cables or for extensions.





Ducting	Fixing bracket	Coupler	Junction box	Riser	End cap	Backbox		
						3 compt	4 compt	
Metal 225x25	6897 05	6897 20	6897 21	6897 22	6897 23	6897 24	6896 34 (225x225) or 6896 35 (300x300)	6896 45
Metal 225x38	6897 06	6897 25	6897 26	6897 22	6897 33	6897 29		6896 45
Metal 300x25	6897 07	6897 30	6897 31	6897 32	6897 33	6897 34	6896 35	6896 45
Metal 300x38	6897 08	6897 35	6897 36	6897 32	6897 33	6897 39	6896 35	6896 45

Lid and trim for floor boxes				
Floor box	Rigid cable exit	Flexible cable exit	Stainless steel insert	
3 compt	grey	6896 30	6896 31	6896 92
	beige	6896 32	6896 33	
4 compt	grey	6896 40	6896 41	6896 93
	beige	6896 42	6896 43	

### OTHER SOLUTIONS

- > Raised access floor systems see page 2-23
- > Flush floor system see page 24-29
- > Floor boxes and other connection points see page 38-47
- > Wall and ceiling systems see page 58-73
- > Arteor wiring devices see page 74-75

# screened floor ducting system

## floor ducting and accessories



6897 05



6897 20



6897 21



6897 22



6897 23



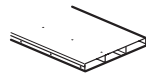
6897 24



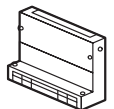
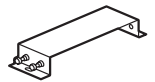
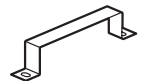
Technical characteristics p. 33

Conform to EN 50 085-2.2  
 Ductings are made from galvanised steel  
 Minimum screed height 65 mm and ducting length 2.44m  
 Compatible with Cat. 6 structured cabling systems

Pack	Cat.Nos	Metal floor ducting
		IP 20 - IK 08 For distributing LV and ELV cabling in screed floors installations. Particularly suitable for applications requiring EMC screening Pre-galvanised sheet Can be combined with junction boxes, backboxes for wiring devices, fixing and coupler accessories
40	6897 05	<b>Ducting height 25 mm</b> 225 x 25 mm - 3 compartments
40	6897 07	300 x 25 mm - 3 compartments
27	6897 06	<b>Ducting height 38 mm</b> 225 x 38 mm - 3 compartments
27	6897 08	300 x 38 mm - 3 compartments

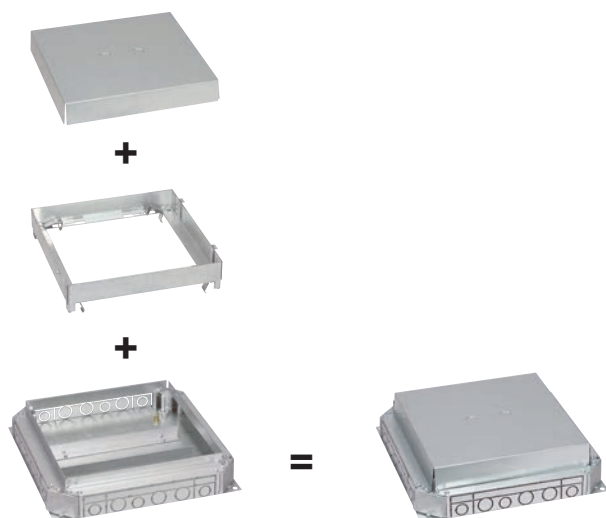


Pack	Cat.Nos	Ducting accessories
		<b>Fixing bracket</b> For fixing floor ducting on the floor For 225 x 25 mm ductings (metal) For 225 x 38 mm ducting (metal) For 300 x 25 mm ductings (metal) For 300 x 38 mm ducting (metal)
40	6897 20	
25	6897 25	
40	6897 30	
25	6897 35	
		<b>Coupler</b> For joining ductings For 225 x 25 mm ductings (metal) For 225 x 38 mm ducting For 300 x 25 mm ductings (metal) For 300 x 38 mm ducting
10	6897 21	
5	6897 26	
10	6897 31	
5	6897 36	
		<b>Junction box</b> Suitable for carpet with 8 mm recess For direct access to cables at the intersection of floor ductings while maintaining perfect separation between ELV and LV cables Supplied complete with base, cover fly-overs and site cover
1	6897 22	
1	6897 32	
		<b>Riser</b> For 150 and 225 mm width trunkings For 300 mm width trunkings
1	6897 23	
1	6897 33	
		<b>End cap</b> For 225 x 25 mm ductings (metal) For 225 x 38 mm ducting For 300 x 25 mm ductings (metal) For 300 x 38 mm ducting
10	6897 24	
5	6897 29	
15	6897 34	
10	6897 39	



## screed floor ducting system

backboxes, lids & trims for carpet & marble



6896 34



Technical characteristics p. 33

Pack	Cat.Nos	Backbox - Carpet
1	6896 34	To be fitted with lid and trim (p. 40) Integrating socket outlets or support plates (p. 41) Accept PVC and metal screed floor ducting and conduits $\varnothing 20$ and 25 mm Auto-adjustable to screed height 65 up to 90 mm <b>For ducting up to 225 mm</b> 3 compartments
1	6896 35	<b>For ducting up to 300 mm</b> 3 compartments
1	6896 45	4 compartments



Pack	Cat.Nos	Lid and trims for carpet
5	6 896 30	To be equipped with dedicated socket outlets (p. 41), Arteor wiring accessories or 6C modules Supplied with flexible or rigid cable exits <b>3-compartment floor boxes</b> Grey cover RAL 7031 with rigid cable exits



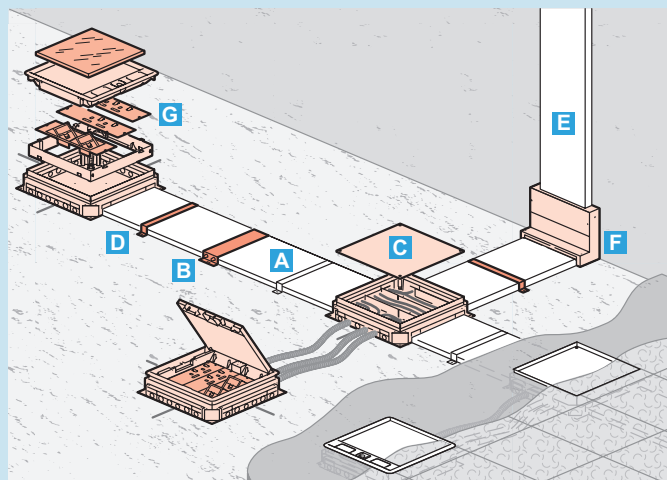
Conforms to IEC 60670-23 and to BS EN 50 085-2.2  
Compatible with screed floor system

Pack	Cat.Nos	Lid and trim for marble
1	6 896 56	To be installed in backbox Cat.No 0 896 04 for screed floor system To be equipped with dedicated socket outlets (p. 41), Arteor or 6C modules on special support plates (p. 41) <b>Single cable outlet stainless steel lid and trim</b> Edge trim for tile 8 to 15 mm thickness
1	6 896 55	<b>Single cable outlet powder coated lid and trim</b> Edge trim for tile 8 to 15 mm thickness Grey RAL 7031
1	6 896 50	<b>Double cable outlet stainless steel lid and trim</b> Edge trim for tile 8 mm thickness
1	6 896 51	Edge trim for tile 8 to 15 mm thickness
1	6 896 52	Edge trim for tile 15 to 22 mm thickness
1	0 896 04	<b>Specific backbox</b> For installation of floor boxes Cat.Nos 6 896 50/51/52/55/56 for screed floor system
1	6 896 09	<b>Junction box</b> 155mm recess, 225mm trunking only



## screed floor ducting system

### System overview



- A** Ducting
- B** Coupler
- C** Junction box
- D** Fixing bracket
- E** Vertical trunking such as DLP
- F** Riser
- G** Floor box (back-box + lid and trim)  
Socket outlets and data socket plates to be ordered separately

### Standards

Standard EN 60-670 and EN 50085-2-2 concerns systems for distributing currents in the floor (sunken or surface mounted)  
It ensures constant performance along the entire distribution up to the user connection point

Classification for screed floor		Screed floor
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristics	Without electrical continuity characteristic (PVC ducting) With electrical continuity characteristic (metal ducting & accessories)
6.6	Electrical insulating characteristics	With electrical insulating characteristic (PVC ducting) Without electrical insulating characteristic (Metal ducting & accessories)
6.7	Degree of protection provided by enclosure	IP 20
6.9	System access cover retention	With a tool
6.101	Floor treatment	For dry-treatment of floor
6.102	Resistance to vertical load applied through small surface area	1500 N <sup>(1)</sup>
6.103	Optional classification: resistance to vertical load applied through large surface area	3 000 N
	Rated voltage (PVC ducting)	500 V
	Protection against mechanical impact	IK 08

(1) For 4 compartments, resistance to vertical load applied over a small surface area = 750 N

## screed floor ducting systems

### Materials

#### Metal Duct and Accessories

Material pre-galvanised sheet (DX51D Z275 MAC)  
 Standard thickness: 1.2 mm for body/1 mm for dividers  
 Standard length: 2.44 m  
 Number of compartments: 3 compartments  
 Standard depth: 25 mm and 38 mm

### Composition and functions for screed floor system

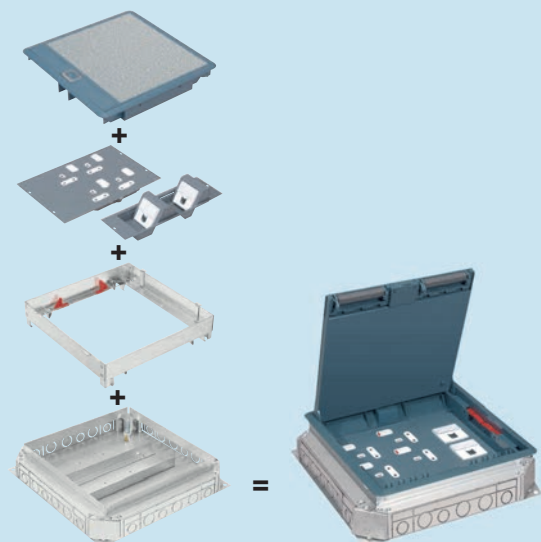
		Fixing bracket	Coupler	Junction box	Riser	End cap	Backbox	
							3 compt	4 compt
225 x 25 (mm) Metal	6897 05	6897 20	6897 21	6897 22	6897 23	6897 24	6896 34 or 6896 35	6896 45
225 x 38 (mm) Metal	6897 06	6897 25	6897 26			6897 29		
300 x 25 (mm) Metal	6897 07	6897 30	6897 31	6897 32	6897 33	6897 34		
300 x 38 (mm) Metal	6897 08	6897 35	6897 36			6897 39		

#### Lid and trim for floor boxes

Floor box	Rigid cable exits	Flexible cable exits	Stainless steel insert
3 compt	grey 6896 30	6896 31	6896 92
	beige 6896 32	6896 33	
4 compt <sup>(1)</sup>	grey 6896 40	6896 41	6896 93
	beige 6896 42	6896 43	

(1) For 4 compartments, resistance to vertical load applied over a small surface area = 750 N

### Complete screed floor box



# screed floor ducting systems

## ■ Cable capacity guide

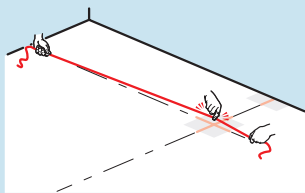
The number and location of boxes will depend upon the end user's requirement  
 A floor box should be considered for each workstation or desk with an average of 1 FB for every 10 m<sup>2</sup>

## Metal ducting

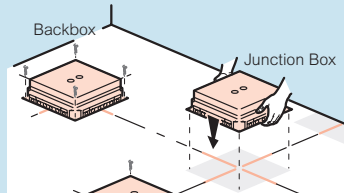
			Capacity: maximum number of conductors per compartment (for one specific cable type)													
			PVC stranded							Twin & earth				cat. 5e UTP		
Dimensions	Compartment	Available section at 45 % fill mm <sup>2</sup>	1,5 <sup>2</sup> Ø3.3	2,5 <sup>2</sup> Ø4	4 <sup>2</sup> Ø4.6	6 <sup>2</sup> Ø5.2	10 <sup>2</sup> Ø6.7	16 <sup>2</sup> Ø7.8	25 <sup>2</sup> Ø9.7	2,5 <sup>2</sup> Ø10.5	4 <sup>2</sup> Ø11.2	6 <sup>2</sup> Ø13.7	cat. 5e UTP Ø5.5	cat. 5e STP Ø6	cat. 6 UTP Ø6.5	cat. 6 STP Ø7
225x25	1   2   3	739	86	59	45	35	21	15	10	9	7	5	24	21	18	15
225x38	1   2   3	1164	135	92	70	55	33	24	16	14	12	8	39	32	28	24
300x25	1   2   3	994	116	79	60	47	28	21	13	12	10	7	33	28	24	20
300x38	1   2   3	1566	182	124	94	74	44	33	21	18	16	11	52	43	37	32

The above table gives the available capacity units on a 45 % factor, applied to the internal wiring area

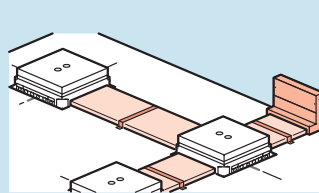
## ■ Installation principle



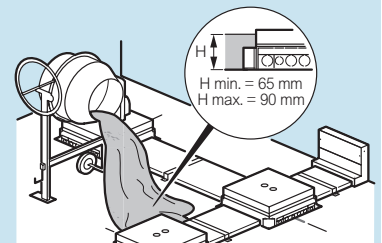
Mark pathway for trunking, junction boxes and backboxes



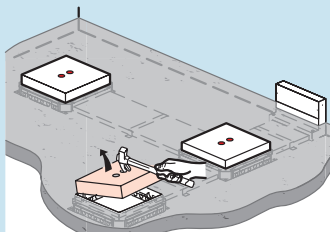
Fix risers, junction boxes and backboxes on the slab



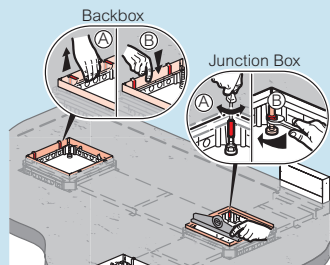
Fix trunking with couplers and fixing brackets



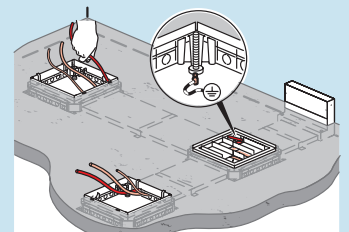
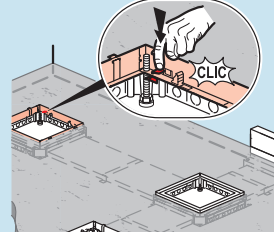
Pour concrete



Remove disposable metal cover



Backbox: lift the frame (A) and retainers will automatically drop out (B). Lock the frame onto the backbox by pushing down clips onto the treaded rod. Junction box: adjust junction box to floor level



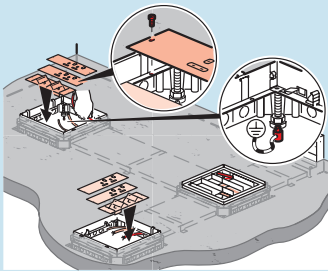
Cable ducting and earth junction boxes

## ■ Project example of screed floor installation

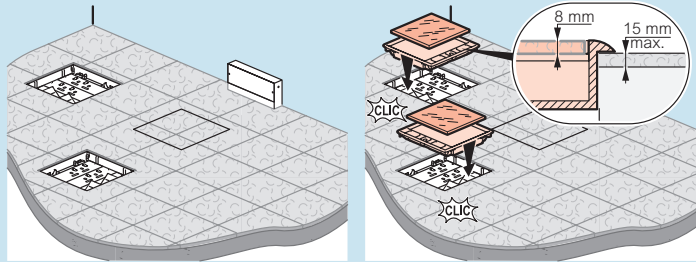


## screed floor ducting systems

### ■ Installation principle (continued)



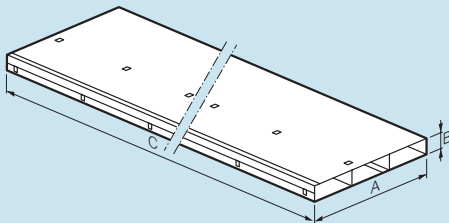
Connect wiring and fix the wiring accessory plates onto the backbox. Earth the system



Fit carpet and clip the lid and trim onto the backbox (push and fit principle)

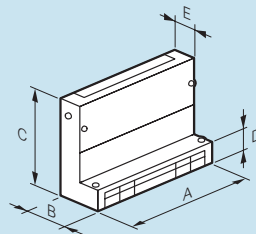
### ■ Dimensions

#### Metal ducting



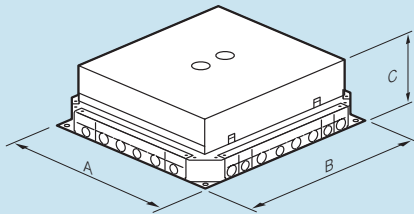
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 05	225	25	2440
6897 06	225	38	2440
6897 07	300	25	2440
6897 08	300	38	2440

#### Riser



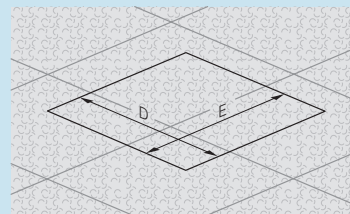
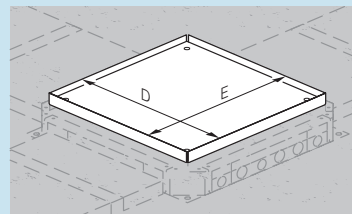
Cat.Nos	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
6897 23	250	89	201	43	52
6897 28	250	89	201	43	52
6897 33	325	89	201	43	52
6897 38	325	89	201	43	52

#### Junction box



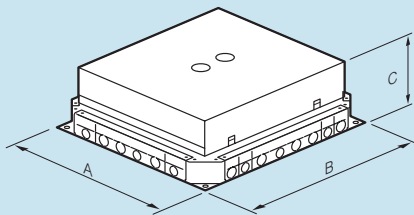
Cat.Nos	A (mm)	B (mm)	C (mm)
6897 22	325	325	90
6897 32	400	400	90

#### Dimensions for carpet cut out on junction box lid



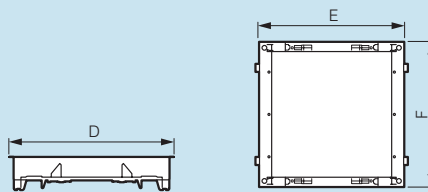
Cat.Nos	D (mm)	E (mm)
6897 22	260	260
6897 32	335	335

#### Back-box



Cat.Nos	A (mm)	B (mm)	C (mm)
6896 34	325	325	90
6896 35	400	400	90
6896 45	400	325	90

#### Dimensions for carpet cut out on backbox support frame

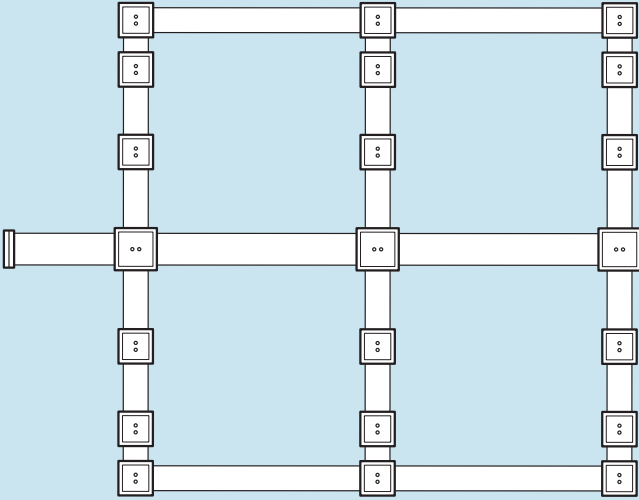


Cat.Nos	Carpet cut out		
	D (mm)	E (mm)	F (mm)
6896 34	276	264	264
6896 35	276	264	264
6896 45	276	264	340

## ■ Example of layout

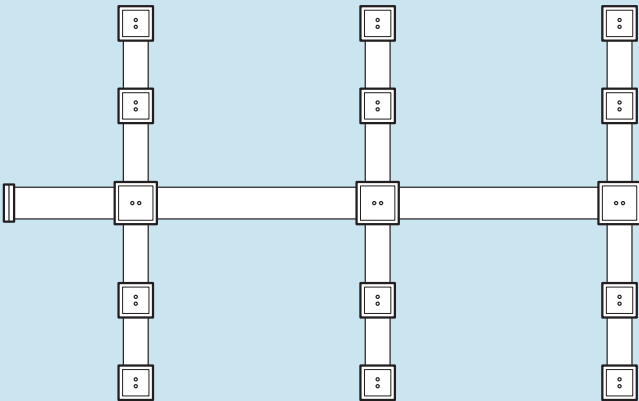
For optimal flexibility of the installation, the trunking is usually installed on either a Grid, Fishbone or a Comb Pattern of single, double or triple runs

### Grid Pattern



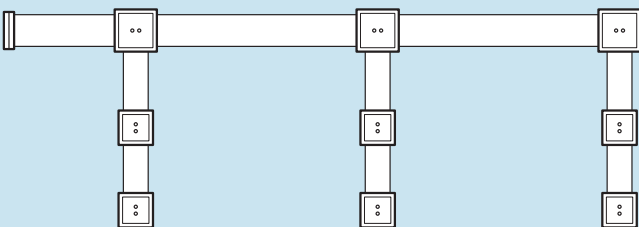
A Grid Pattern is widely used in areas where the occupants require the highest degree of flexibility in reconfiguring workspace  
Capacity can be increased by returning individual ring mains through different runs of trunking, which in itself allows easier installation

### Fishbone Pattern

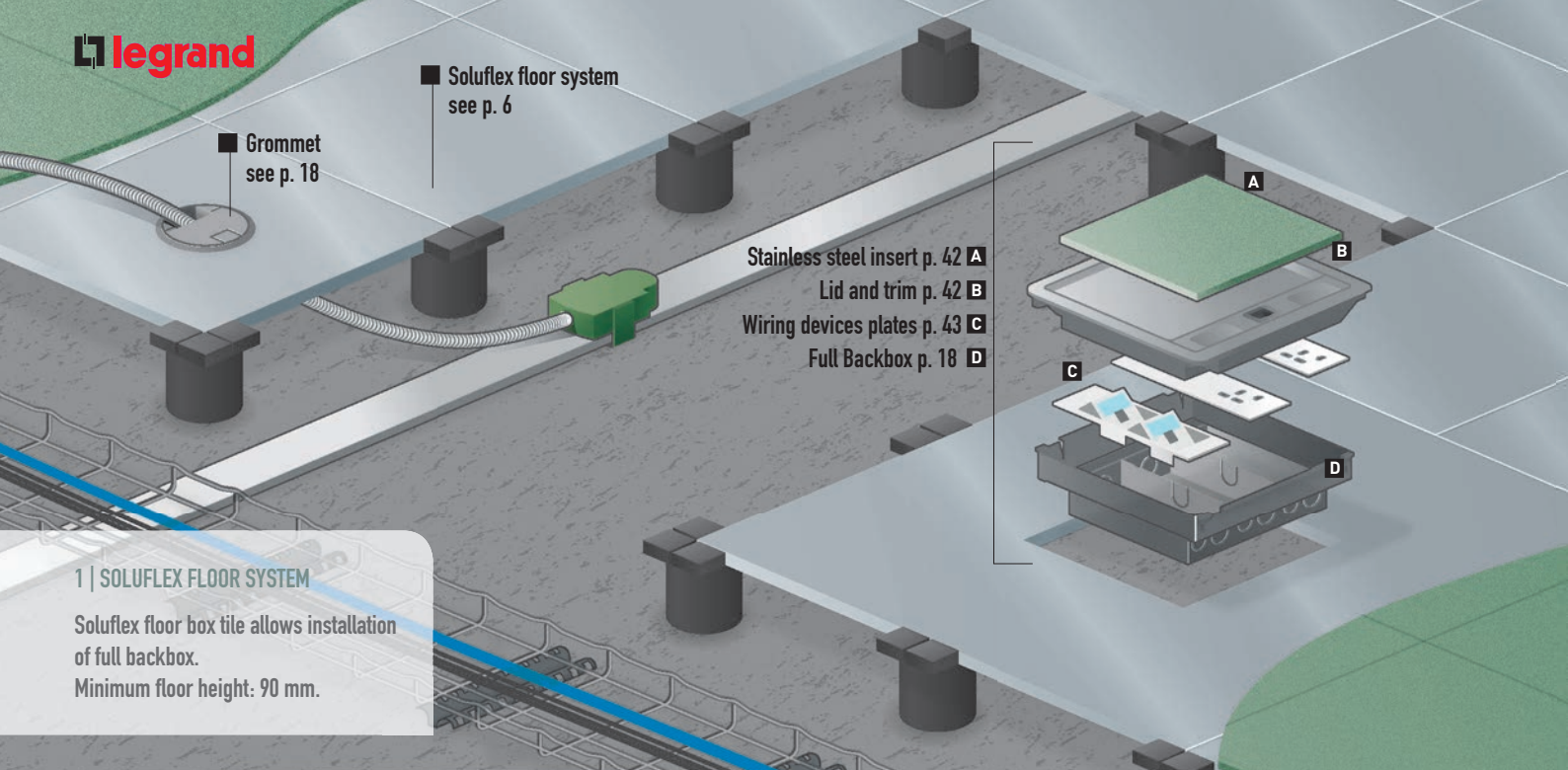


The Fishbone Pattern is ideal for a medium sized area where fewer boxes are required

### Comb Pattern



The Comb Pattern is the most economical way of installation in which a minimum of trunking is used  
The Comb Pattern is suited for small to medium office areas



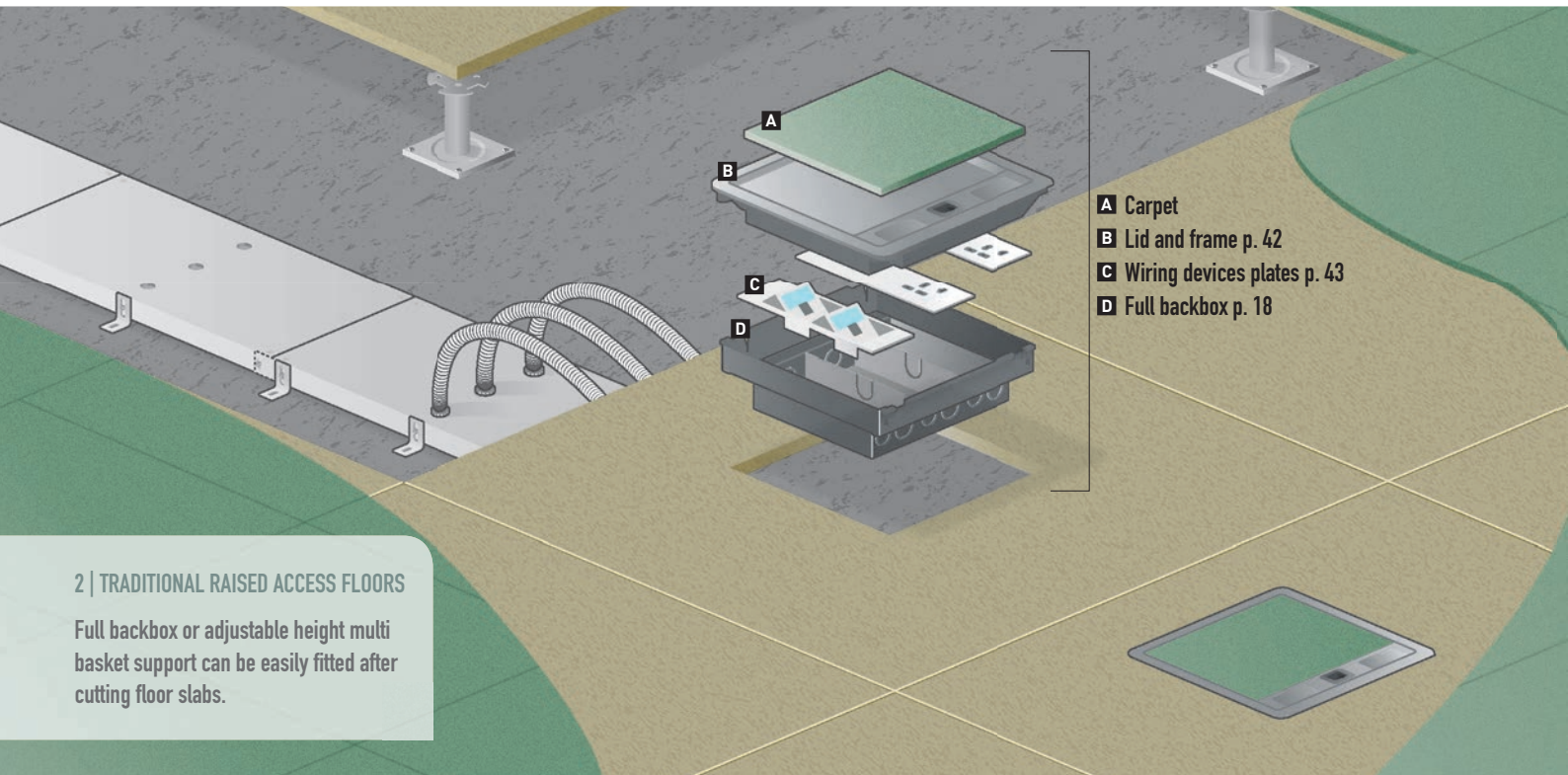
■ Soluflex floor system see p. 6

■ Grommet see p. 18

- Stainless steel insert p. 42 **A**
- Lid and trim p. 42 **B**
- Wiring devices plates p. 43 **C**
- Full Backbox p. 18 **D**

### 1 | SOLUFLEX FLOOR SYSTEM

Soluflex floor box tile allows installation of full backbox.  
Minimum floor height: 90 mm.



- A** Carpet
- B** Lid and frame p. 42
- C** Wiring devices plates p. 43
- D** Full backbox p. 18

### 2 | TRADITIONAL RAISED ACCESS FLOORS

Full backbox or adjustable height multi basket support can be easily fitted after cutting floor slabs.

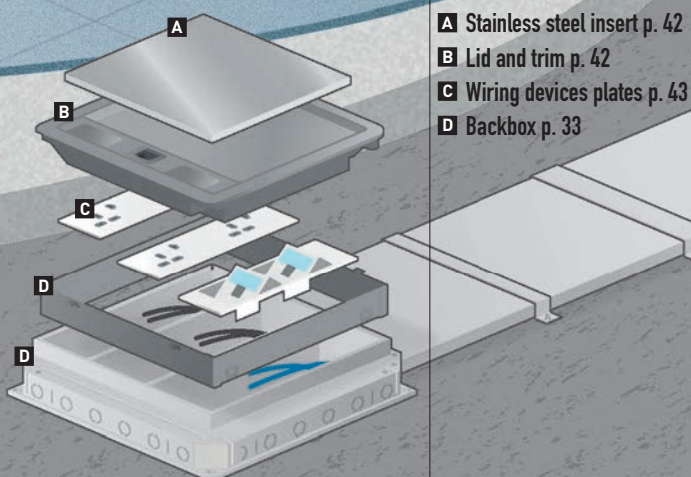


## FLOOR BOXES

Simplicity and flexibility: the same lid and trim, the same socket outlets and the same wiring device supports are compatible with any type of Legrand floor systems.



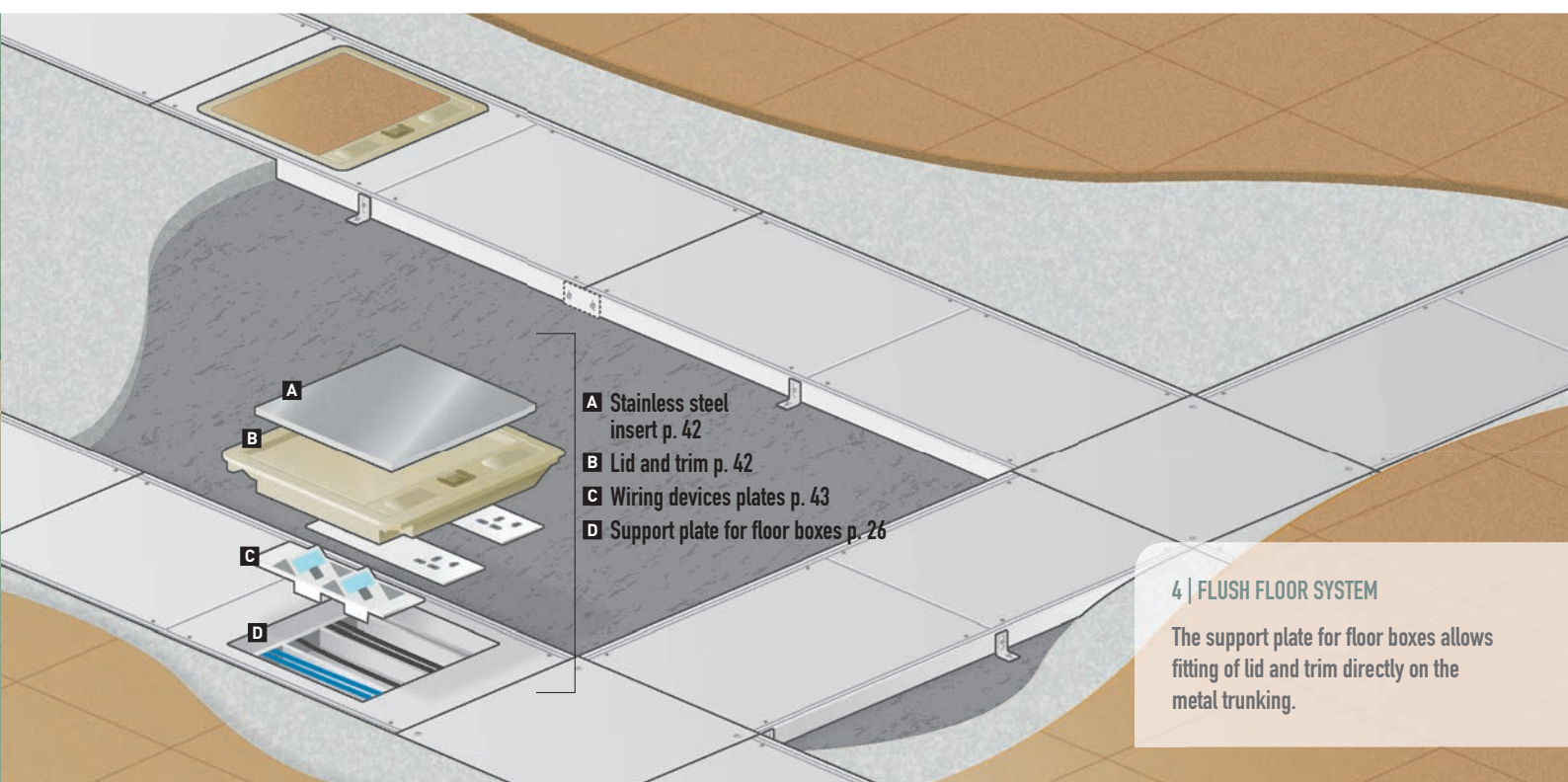
Pop-up floor boxes  
see p. 51



- A** Stainless steel insert p. 42
- B** Lid and trim p. 42
- C** Wiring devices plates p. 43
- D** Backbox p. 33

### 3 | SCREED FLOOR SYSTEMS

The screed floor backbox is supplied with a special cover allowing floor box height adjustment according to different screed thicknesses. The floor box is also available for tile and marble applications.



- A** Stainless steel insert p. 42
- B** Lid and trim p. 42
- C** Wiring devices plates p. 43
- D** Support plate for floor boxes p. 26

### 4 | FLUSH FLOOR SYSTEM

The support plate for floor boxes allows fitting of lid and trim directly on the metal trunking.

3   DUCTING FOR SCREED FLOOR			
Ducting		Backbox	
		3 compt	4 compt
Metal 225 x 25	6897 05	6896 34 (225 x 225) or 6896 35 (300 x 300)	6896 45
Metal 225 x 38	6897 06	6896 35 (300 x 300)	6896 45
Metal 300 x 25	6897 07	6896 35	6896 45
Metal 300 x 38	6897 08	6896 35	6896 45

4   TRUNKING FOR FLUSH FLOOR			
Trunking		Support plate for floor boxes	
		3 compt	4 compt
Metal 300 x 65	6897 50	6896 36	-
Metal 405 x 65	6897 51	6896 37	6896 47

1 & 2   TRUNKING FOR RAISED FLOOR			
Trunking		Full backbox system	
		3 compt	4 compt
Metal 225 x 38	6897 70	6896 38	6896 48
Metal 300 x 38	6897 71		

LID AND TRIM FOR FLOOR BOXES				
Floor box		Rigid cable exit	Flexible cable exit	Stainless steel insert
3 compt	grey	6896 30	6896 31	
	beige	6896 32	6896 33	
4 compt	grey	6896 40	6896 41	6896 93
	beige	6896 42	6896 43	

### OTHER SOLUTIONS

- > Raised access floor systems see page 2-23
- > Flush floor system see page 24-29
- > Screed floor system see page 30-37
- > Wall and ceiling systems see page 58-73
- > Arteor wiring devices see page 74-79

## IP 66 floor boxes - 4 modules

for raised or concrete floors



## Heavy duty in-screed floor box

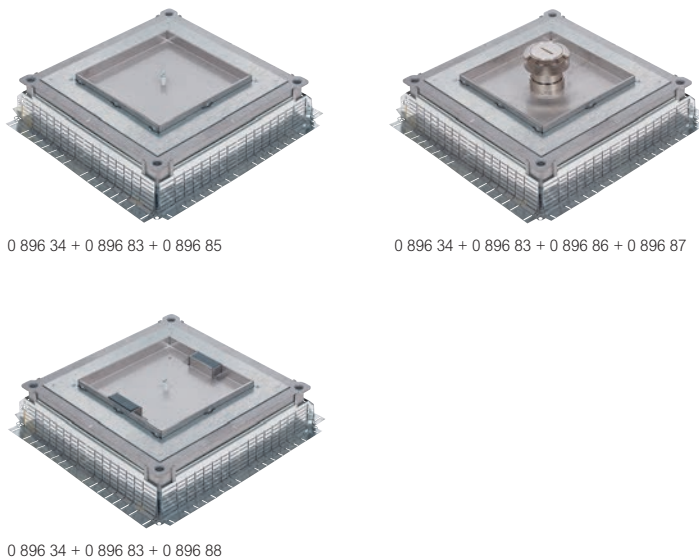
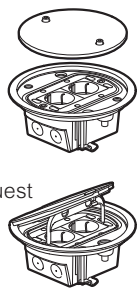
for concrete floors



Technical characteristics see **e-catalogue**

Conform to EN 60-670-1 and EN 60 670-23 standards  
IP 66 (when lid is closed) / IP 54 (with cable exit accessory  
Cat.No 0 880 62)  
IK 09

Pack	Cat.Nos	IP 66 floor boxes - 4 modules
1	0 880 61	Supplied with lid and 4-module support frame for Mosaic Programme or Arteur mechanisms To be installed in flush-mounting backbox Cat.No 0 800 69 or directly in raised floor <b>With removable lid for outdoor use</b> Can be equipped with cable exit accessory Cat.No 0 880 62 Stainless steel finish
1	0 880 64	<b>With hinged lid for indoor use</b> Compatible with angled plugs only Can be equipped with key lock on request Stainless steel finish
1	0 880 69	<b>Backbox</b> Auto-adjustable backbox for installing IP 66 floor boxes in concrete floors Supplied with cover Accepts conduits Ø16, 20, 25 mm Minimum screed height: 65 mm
1	0 880 62	<b>Cable exit</b> Compatible with angled plugs only IP 54 cable exit accessory



For highly frequented areas, requiring important mechanical resistance and/or washing down  
Conform to standard EN 60-670 and EN 50 085-2-2

Pack	Cat.Nos	Adjustable metal backbox for concrete floor
1	0 896 34	<b>Universal backbox</b> For junction of LV and ELV cabling and/or installation of floor boxes: - 75-105 mm adjustable height floor boxes - 65 mm "reduced height" floor boxes - heavy duty floor boxes Height adjustable from 56 mm to 140 mm using 4 screws located in the box corners and a tool adapting to electric drill or screwdriver: Bendable side walls for joining with different sizes of floor ducts Supplied with worksite protection cover to be replaced by blanking cover plate or mounting cover plate
1	0 896 83	<b>Accessories for metal in-screed floor box</b> Normal load support Up to 8 KN load with deflection < 6 mm
1	0 896 84	Heavy load support Up to 20 KN load with deflection < 3 mm
6	0 896 39	Set of 2 conduit adaptors for metal cavity floor box Cat.No 0 896 34
1	0 896 85	<b>Plates for metal in-screed floor boxes</b> For metal in-screed floor box Cat.No 0 896 34 Use support Cat.No 0 896 83 or 0 896 84 Height adjustment of the backbox from 105 mm to 140 mm <b>All types of floors</b> IP 66 plain cover (cover closed) Access trap for junction, no cable exit
1	0 896 86	<b>Marbled and tiled floors</b> IP 66 plate (cover closed and plugs not connected) with central cable exit To receive 24 mosaic modules Supplied with all necessary wiring accessories supports
1	0 896 87	<b>Accessory for plate with central cable exit</b> Cable exit accessory for IP 66 cover plate Cat.No 0 896 86
1	0 896 88	<b>Wooden floors</b> IP 30 plate with 2 lateral cable exits To receive 24 mosaic modules Supplied with all necessary wiring accessories supports

## Floor boxes for tiles/marble

## IP 44 floor boxes for tiles/marble



6 896 56 + 0 896 04



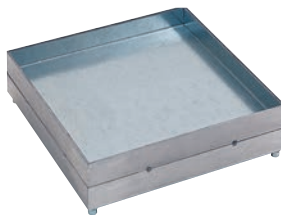
6 896 51 + 0 896 04



6 896 56 equipped with Arteor mechanisms



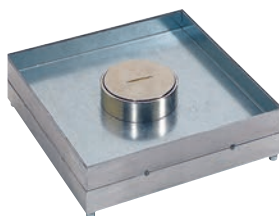
6 896 51 equipped with Arteor mechanisms



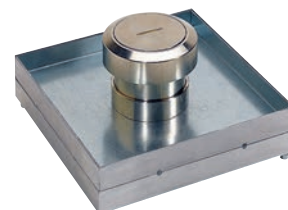
6 896 22



0 896 87



6 896 23



6 896 23 + 0 896 87

Technical characteristics [see e-catalogue](#)

Conforms to IEC 60670-23 and to BS EN 50 085-2.2  
Compatible with screed floor system

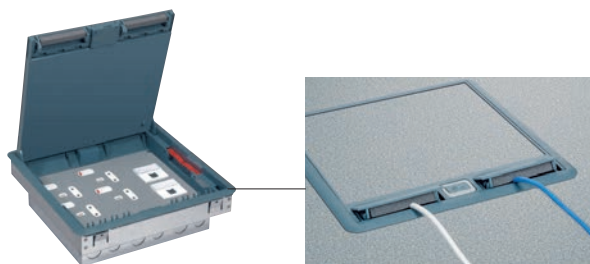
Pack	Cat.Nos	Lid and trim for tiles/marble
1	6 896 56	To be installed in backbox Cat.No 0 896 04 for screed floor system To be equipped with support plates for Arteor or Mosaic Programme mechanisms <b>Single cable outlet stainless steel lid and trim</b> Edge trim for tile 8 to 15 mm thickness
1	6 896 55	<b>Single cable outlet powder coated lid and trim</b> Edge trim for tile 8 to 15 mm thickness Grey RAL 7031
1	6 896 51	<b>Double cable outlet stainless steel lid and trim</b> Edge trim for tile 8 to 15 mm thickness
1	6 896 52	<b>Double cable outlet stainless steel lid and trim</b> Edge trim for tile 15 to 22 mm thickness
1	0 896 04	<b>Specific backbox for lids and trims for tiles/marble</b> For installation of floor boxes Cat.Nos 6 896 22/23/51/52/55/56 for screed floor system

Technical characteristics [see e-catalogue](#)

Conforms to IEC 60670-23 and to BS EN 50 085-2.2  
Compatible with screed floor system

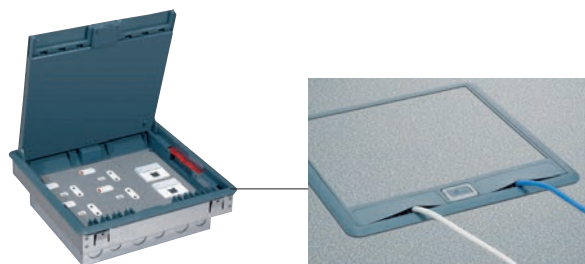
Pack	Cat.Nos	IP 44 lid and trim for tiles/marble
1	6 896 22	To be installed in backbox Cat.No 0 896 04 for screed floor system <b>Plain cover</b> Edge trim for tile 8 to 24 mm thickness Can be used as access trap for junction, or equipped with support plates for Arteor or Mosaic Programme mechanisms Accepts up to 3 flat support plates Cat.No 6 896 58/73/74/77 or 1 kit of vertical supports Cat.No 6 896 57 No cable exit
1	6 896 23	<b>With central cable exit</b> Edge trim for tile 8 to 24 mm thickness To be equipped with support plates for Arteor or Mosaic Programme mechanisms Accepts up to 3 flat support plates Cat.No 6 896 58/73/74/77 or 1 kit of vertical supports Cat.No 6 896 57 Can be equipped with cable exit accessory Cat.No 0 896 87
1	0 896 87	<b>Cable exit accessory</b> For IP 44 or IP 66 floor boxes with central cable exit Cat.Nos 6 896 23 and 0 896 86 (p. 808)

## floor boxes for carpet



6 896 30 + 6 896 38 (p. 18)  
and wiring devices (p. 43)

Rigid cable exits



6 896 31 + 6 896 38  
(p. 18) and wiring devices  
(p. 43)

Flexible cable exits



6 896 32 + 6 896 38  
(p. 18) and wiring devices  
(p. 43)



6 896 33 + 6 896 38  
(p. 18) and wiring devices  
(p. 43)

Conforms to IEC 60670-23 and to BS EN 50 085-2.2  
Compatible with either raised access floor trunking system, Electrak busbar system, flush floor trunking system and screed floor system

Pack	Cat.Nos	<b>Lid and trims for carpet</b>
		To be fitted on either: - full backbox for raised floor (p. 18) - support plate for flush floor trunking (p. 26) - screed floor backbox (p. 32) To be equipped with dedicated socket outlets (p. 43), Arteor wiring accessories or 6C modules Supplied with flexible or rigid cable exits
5	6 896 30	<b>To suit 3-compartment floor boxes</b> Grey cover RAL 7031 with rigid cable exits
5	6 896 31	Grey cover RAL 7031 with flexible cable exits
5	6 896 32	Beige cover RAL 1019 with rigid cable exits
5	6 896 33	Beige cover RAL 1019 with flexible cable exits
		<b>To suit 4-compartment floor boxes</b>
5	6 896 40	Grey cover RAL 7031 with rigid cable exits
5	6 896 41	Grey cover RAL 7031 with flexible cable exits
5	6 896 42	Beige cover RAL 1019 with rigid cable exits
5	6 896 43	Beige cover RAL 1019 with flexible cable exits



Pack	Cat.Nos	<b>Stainless steel insert for lid</b>
		For a metal finish on lid To be used instead of fitting carpet onto the lid
10	6 896 92	For 3-compartment floor boxes Dimensions: 245,5 x 210 mm
10	6 896 93	For 4-compartment floor boxes Dimensions: 322 x 210 mm
20	6 896 99	Metallic link between lid and trim



## floor boxes socket outlet plates






6896 66

6896 67



6896 68

Pack	Cat.Nos	Socket outlets for floor boxes
		Dedicated socket outlets for floor boxes 13 A - 250 V~
		<b>2-gang socket outlets</b> 77 mm width
4	6896 66	 Switched
4	6896 67	 Switched for clean earth applications
4	6896 69	Switched for staggered configuration
		<b>2 x 2-gang socket outlets</b> 154 mm width plate staggered configuration
3	6896 68	 Switched

## floor boxes empty wiring accessory plates



6896 78



Side view



6896 71

Pack	Cat.Nos	Support plates for Arteor mechanism
		Support plates for integration of Arteor mechanisms in floor boxes 77 mm width plate
		<b>Flat support plates</b>
12	6896 72	For 2 modules (2 x 1 module)
12	6896 73	For 4 modules (2 x 2 modules)
12	6896 74	For 6 modules (3 x 2 modules)
12	6896 77	For 6 modules (2 x 3 modules)
		<b>Waved support plates</b>
4	6896 78	For 4 modules (2 x 2 modules)
		<b>Support plates for 6C modules/ telecom</b>
		Support plates for integration of 6C modules in floor boxes 77 mm width plate
		<b>Flat support plates</b>
12	6896 70	For 2 modules (2 x 1 module)
12	6896 71	For 4 modules (4 x 1 module)
		<b>Waved support plates</b>
12	6896 75	For 2 modules (2 x 1 module)
4	6896 76	For 4 modules (4 x 1 module)
		<b>Support plates for Lexic DIN-rail equipment</b>
		Support plates for integration of DIN-rail equipment in floor boxes 77 mm width plate supplied with transparent plastic cover to avoid accidental handling For 1 or 2 modules Supplied with 1-module blanking plate
3	6896 64	
		<b>Blank plates for floor boxes</b>
		To cover of an unused compartment 77 mm width plate
12	6896 62	

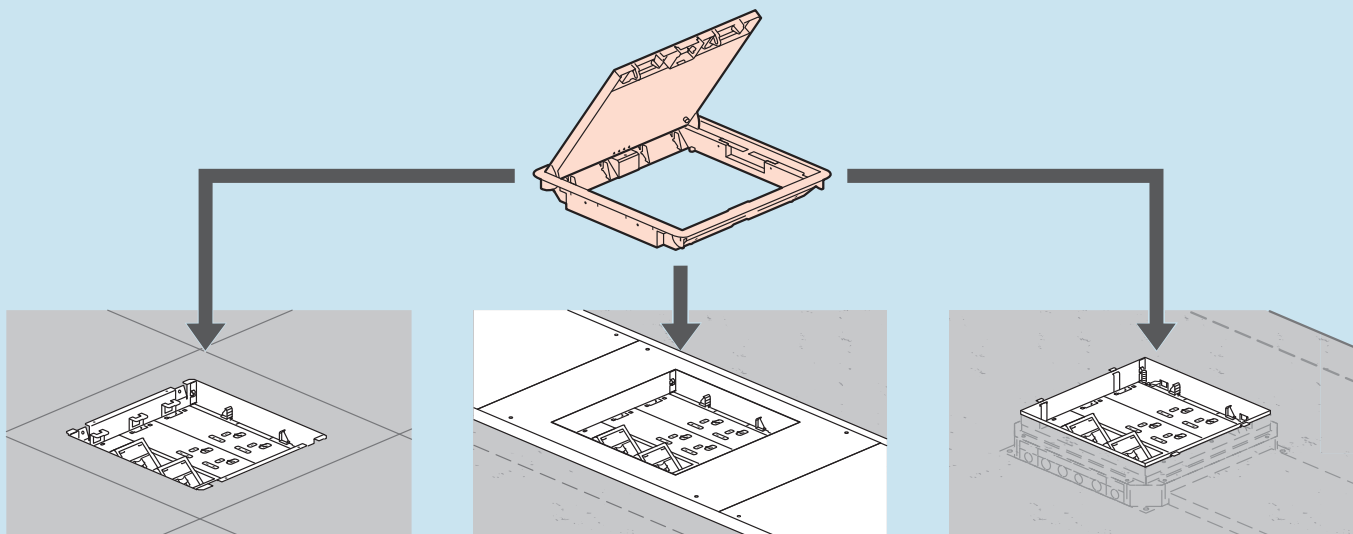


Metal Lids and Trims can be powder to any RAL References.  
1,2,3,4 compartments Carpet or Edge Trims are available for special order.  
**Contact us +971 4 382 1821**

## floor boxes for carpet

### ■ Installation principle

Lid and trim can be used for all applications: screed, flush and raised access floor systems. It allows a uniform finish within the project



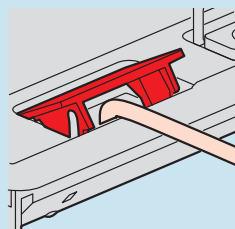
### Lid and trim

Lid and trim for floor boxes				
Floor box	Rigid cable exits	Flexible cable exits	Stainless steel insert	
3 compt	grey	6896 30	6896 31	6896 92
	beige	6896 32	6896 33	
4 compt <sup>(1)</sup>	grey	6896 40	6896 41	6896 93
	beige	6896 42	6896 43	

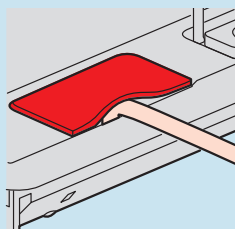
Lid and trim is available in 2 different sizes (3 compartments or 4 compartments) and 2 colors (Grey RAL 7031 and Beige RAL 1019) to comply with aesthetic requirements

### Rigid and flexible cable exits

Rigid and flexible cable exits: maximum cable capacity 4 cables  $\varnothing 7$  mm + 3 cables  $\varnothing 11$  mm. Both systems provide maximum protection for cables. Flexible exit does not require closing when not in use



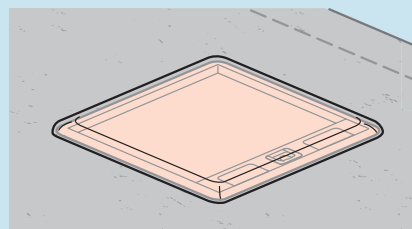
Rigid cable exits



Soft cable exits

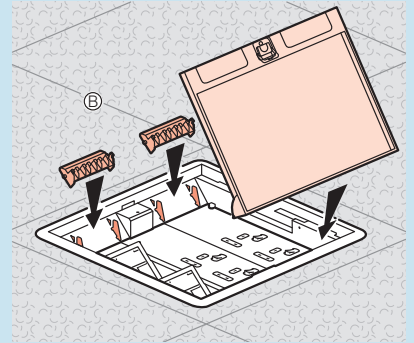
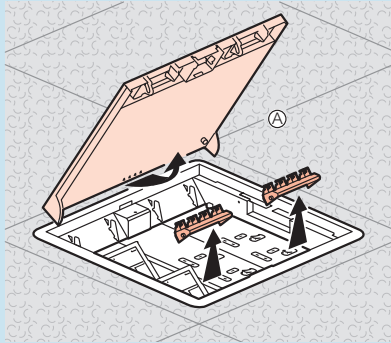
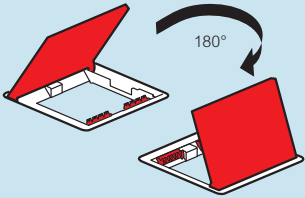
### Site protection cover

Lid and trim comes with a building site protection to avoid damages during installation. This site protection should be removed to access the floor box and can be repositioned afterwards. Site protection cover should remain on the floor box until hand-over of the project



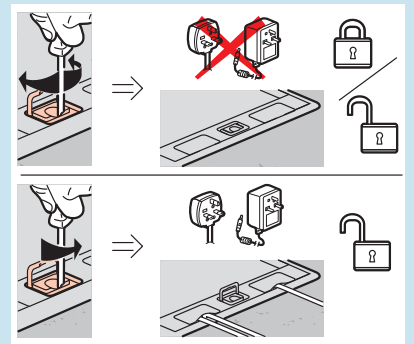
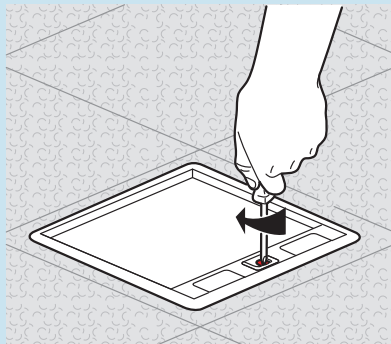
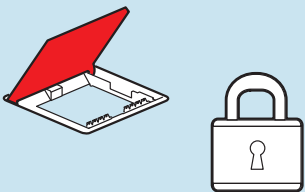
### Reversible lid

The lid is reversible (180°) to adapt to office furniture reconfiguration

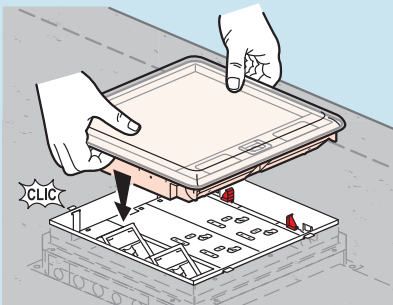


### Locking system

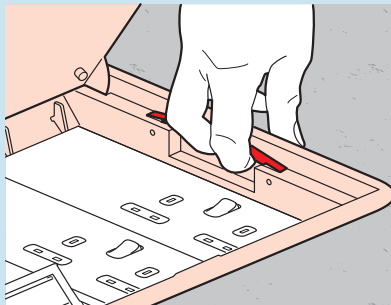
The floor box can be locked by means of a locking system on the lid (hidden under the opening handle). For safety reasons, floor box should not be locked when in use



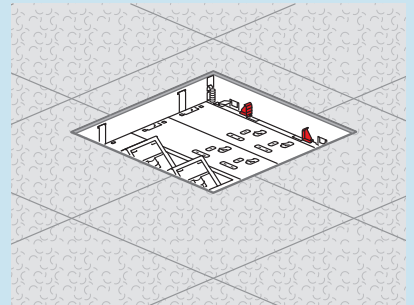
### Installation process



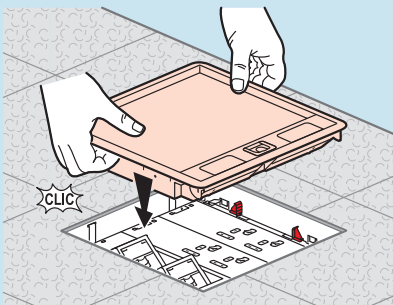
Fix the lid and trim directly onto the backbox, push and fit system. Lid and trim can be assembled with backbox even before carpet fitting



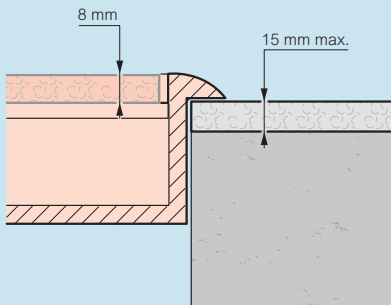
To fit carpet, pull the levers on both sides to take out the lid and trim



Fit the carpet to the backbox edge

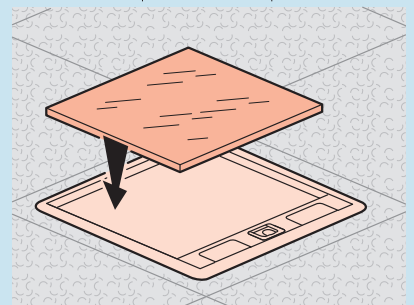


Push the lid and trim back on to the backbox. The trim will adjust to the carpet thickness



Carpet thickness < 15 mm

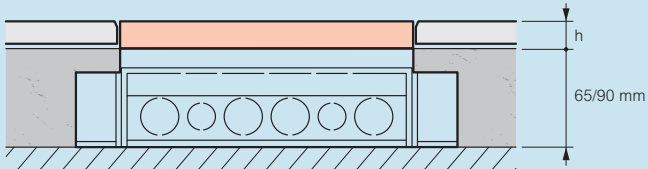
Stainless steel insert	3 compt	4 compt
	6896 92	6896 93




Stainless steel insert optional as an alternative to filling the lid with carpet. To fit the stainless steel insert on to the lid, use the double side tape supplied

## floor boxes for tiles/marble for screed floor

### ■ Dimensions



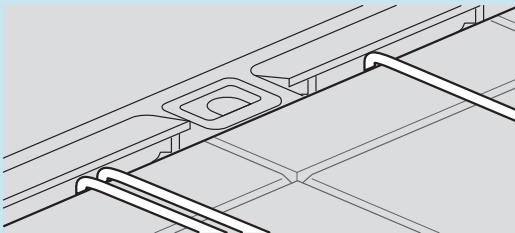
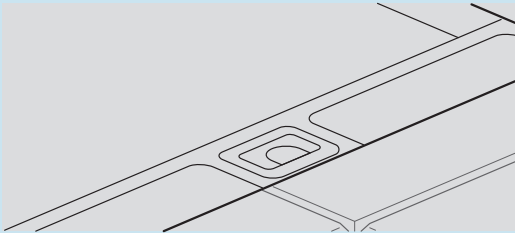
Total screed thickness has to be between 65 and 90 mm

Backbox for tiles/marble	Lid and trim for floor box for tiles/marble	Screed thickness (mm)	Tile thickness h (mm)
896 04		65 to 90	8
	6896 50		8 to 15
	6896 51		15 to 22
	6896 52		8 to 15
	6896 55		8 to 15
	6896 56		8 to 15

### ■ Functions

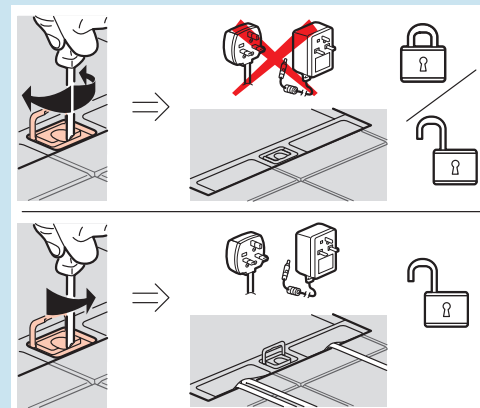
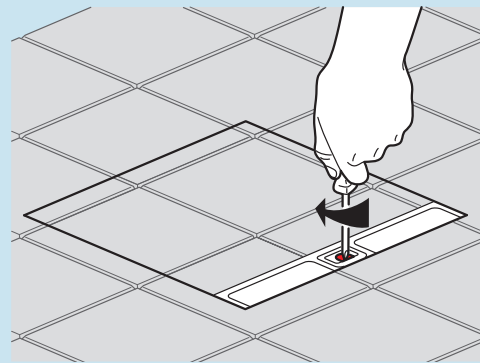
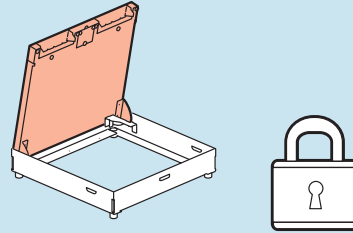
#### Rigid cable exits

Full metal rigid cable exits  
Maximum cable capacity 4 cables  $\varnothing 7$  mm + 3 cables  $\varnothing 11$  mm  
Provides maximum protection for cables and strength



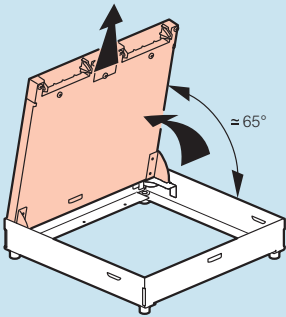
#### Locking system

The floor box can be locked by means of a locking system on the lid (hidden under the opening handle)  
For safety reasons, floor box should not be locked when in use

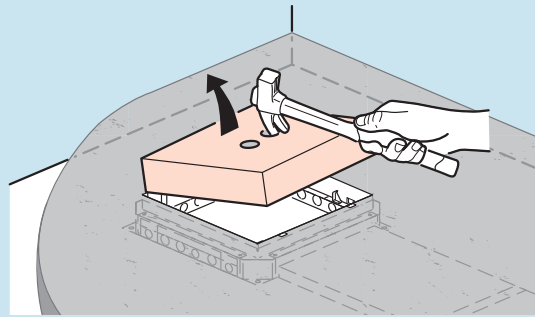




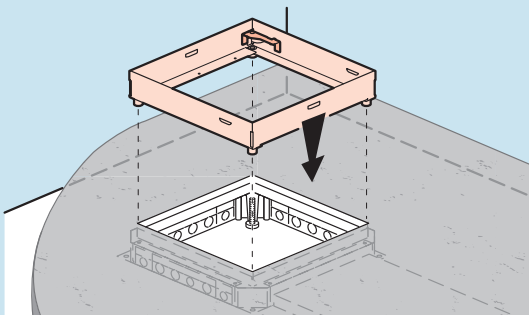
■ Installation process



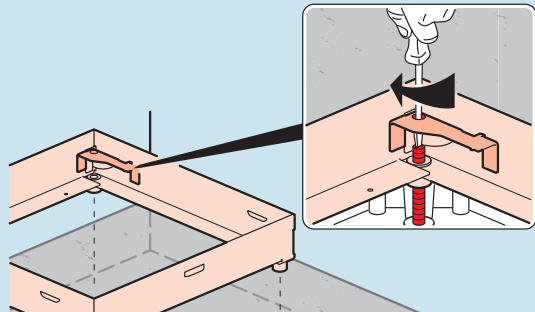
To remove the lid from the trim, hold it under an angle of approximately 65° and pull it out



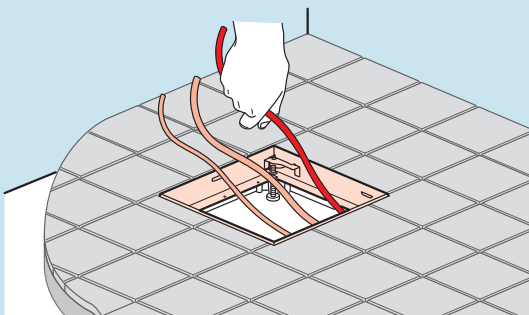
Remove site cover protection from backbox



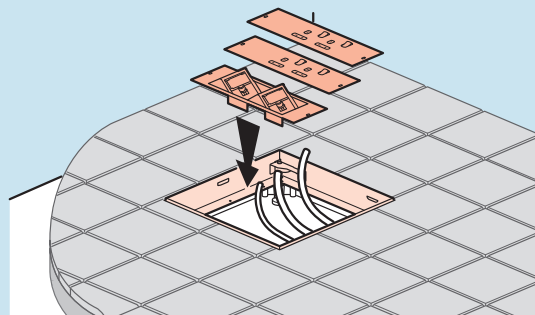
Place the trim onto the threaded rods



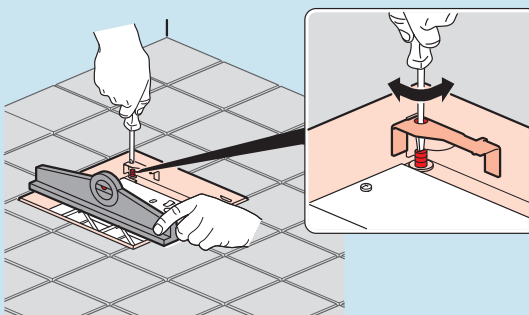
Make a rough adjustment to finished floor level by turning threaded rods in each corner with a screw driver



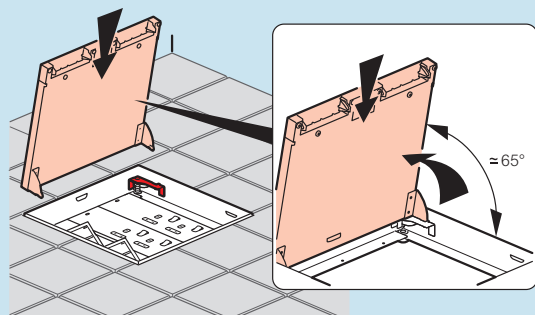
Cable the system



Tiling should be carried out at this stage

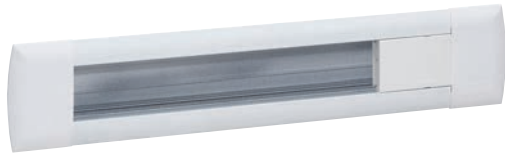


Make final adjustment to finished floor level by turning threaded rods in each corner with a screw driver

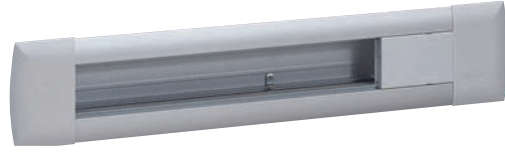


Push the lid back in place by holding it under an angle of approximately 65°

## Flush-mounting office modules



0 535 63



0 535 64



0 535 65

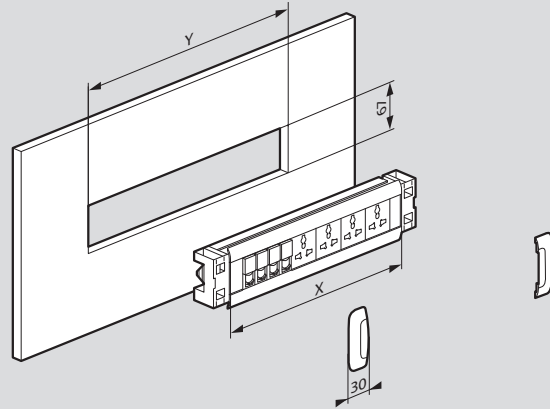
Can be installed in dry partitions or integrated directly into the office furniture

Pack	Cat.Nos	Empty flush-mounting office modules
		Aluminium body To be equipped with Arteur or Mosaic Programme wiring accessories
		<b>Capacity 8 modules</b>
20	0 535 60	○ White
20	0 535 61	● Aluminium
20	0 535 62	● Black
		<b>Capacity 12 modules</b>
10	0 535 63	○ White
10	0 535 64	● Aluminium
10	0 535 65	● Black

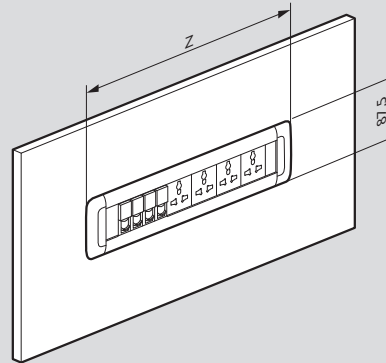
## Flush-mounting office modules

### Installation

#### Cutting dimensions

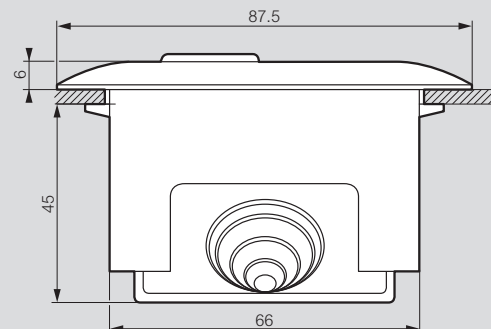


#### Overall dimensions

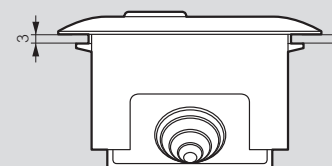


Cat.No	X (mm)	Y (mm)	Z (mm)
0 535 60	225	275	285
0 535 61			
0 535 62			
0 535 63	315	365	375
0 535 64			
0 535 65			

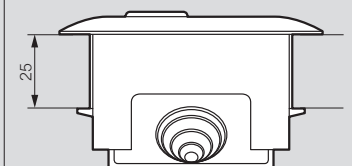
#### Dimensions



#### Minimum wall/furniture thickness



#### Maximum wall/furniture thickness



## Desktop multi-outlet extensions



## Desktop multi-outlets new design



0 546 90



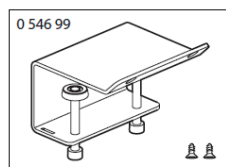
0 546 99

Pack	Cat.Nos	Empty multi-outlet extensions
1	0 546 90	Aluminium body To be equipped with Arteur or Mosaic Programme wiring accessories 8 modules
1	0 546 91	12 modules
1	0 546 92	16 modules
1	0 546 99	<b>Fixing accessory for desktop multi-outlet extensions</b> For fixing the desktop multi-outlet extensions on the office furniture

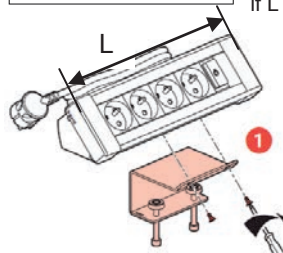
### ■ RANGE (continued) Empty to be equipped

Numbers	Dimensions LxHxh (mm)	Functions
0 546 90	240x90x80	
0 546 91	330x90x80	
0 546 92	420x90x80	

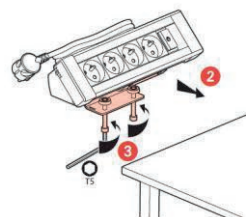
### ■ Accessories Fixing accessory Number 0 546 99



if L > to 400 mm use 2 x 0546 99



Allow fixing on a desk from 6 to 40 mm of depth



The product includes adhesive protections for desk office surfaces.

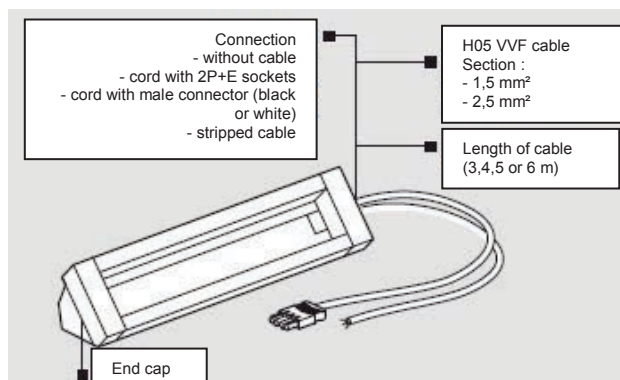
Material characteristics of 0 546 99 :

- Steel (painted grey)
- Polyamide
- Elastomer

Packaging : 1



### ■ ON DEMAND Selection of desktop multi-outlet new design



## Pop-up type flush-mounting boxes for concrete or raised access floors



Technical characteristics **see opposite**

Can be installed in concrete or raised access floors  
Conform to IEC 60670-1, IEC 60670-23, IEC 60884-1 and NFC 61-314

Pack	Cat.Nos	Pop-up boxes to be equipped
		Slim design for perfect integration into the floor Soft opening for enhanced comfort and safety Equipped with "push and slide" locking system to avoid accidental opening by feet To be equipped with Mosaic or Arteur socket outlets For installation use the flush-mounting boxes for concrete floors or the kits for raised access floors
		<b>3 modules</b>
1	0 540 10	● Matt Aluminium finish
1	0 540 15	● Brushed Brass
1	0 540 20	● Brushed Stainless Steel finish
		<b>6 (2 x 3) modules</b>
1	0 540 12	● Matt Aluminium finish
1	0 540 17	● Brushed Brass
1	0 540 22	● Brushed Stainless Steel finish
		<b>4 modules</b>
1	0 540 11	● Matt Aluminium finish
1	0 540 16	● Brushed Brass
1	0 540 21	● Brushed Stainless Steel finish
		<b>8 (2 x 4) modules</b>
1	0 540 13	● Matt Aluminium finish
1	0 540 18	● Brushed Brass
1	0 540 23	● Brushed Stainless Steel finish

Pack	Cat.Nos	Installation kits for raised access floors
		Include an empty receptacle and fixing brackets for raised access floor tiles or table tops Equipped with cable retainer for power cables, to ensure increased safety of the installation Compatible with: - Cat. 6 data cabling - audio/video cabling
1	0 540 05	3 modules
1	0 540 07	6 (2 x 3) modules
1	0 540 06	4 modules
1	0 540 08	8 (2 x 4) modules

Pack	Cat.Nos	Flush-mounting boxes for installation in concrete floors
		For installation of pop-up floor boxes in concrete floors Equipped with knockouts for Ø20 and Ø25 mm conduits
		<b>Metal flush-mounting boxes</b>
1	0 540 00	3 modules
1	0 540 02	6 (2 x 3) modules
1	0 540 01	4 modules
1	0 540 03	8 (2 x 4) modules
		<b>Plastic flush-mounting boxes</b>
1	6 503 90	3 modules
10	6 503 31	6 modules

# Pop-up type flush-mounting boxes for integration into the furniture



6 540 03



6 540 04



6 540 05



0 540 34



0 540 36

Technical characteristics **see opposite**

Can be integrated directly into the furniture (desks, meeting room tables, kitchen worktops, etc)  
 Conform to IEC 60884-1 and NFC 61-314

Pack	Cat.Nos	Pop-up boxes to be equipped
		Slim design for perfect integration into the furniture Soft opening for enhanced comfort and safety To be equipped with Mosaic or Arteur socket outlets Supplied with installation kits for table top <b>4 modules</b> ● Matt Steel finish ● Glossy White ● Aluminum finish ● Matt Black <b>8 (2 x 4) modules</b> ● Matt Steel finish ● Glossy White ● Aluminum finish ● Matt Black
1	6 540 00	
1	6 540 01	
1	6 540 14	
1	6 540 02	
1	6 540 03	
1	6 540 04	
1	6 540 15	
1	6 540 05	
		<b>Retractable kits</b>
		Composition: - retractable cord - Mosaic cover plate - fixing accessory
1	0 540 34	RJ 45 cat. 6 UTP retractable kit. 1 module
1	0 540 36	USB/micro-USB retractable kit. 1 module

# pop-up type flush-mounting boxes

## technical characteristics

### ■ Technical characteristics

Classification of pop-up flush-mounting boxes according to NFC 61-314 / EN 60670-1 / EN 60670-23

Earthing system:  $R < 0.05 \text{ Ohms}$   
 Protection against mechanical impact: IK 07  
 Degree of protection: IP 30 cover open  
 IP 40 cover closed

Resistance to vertical load applied through small surface area:  
 1500 N cover open  
 3000 N cover closed

Rated voltage: U 500 V -  $R > 5 \text{ MOhms}$   
 Electric strength: 2000 V

Installation on the floor: to be installed on floor subjected to a dry treatment

### Material

Halogen free, fire proofed and no propagator of the flame  
 Corrosion resistant and to temperature changes

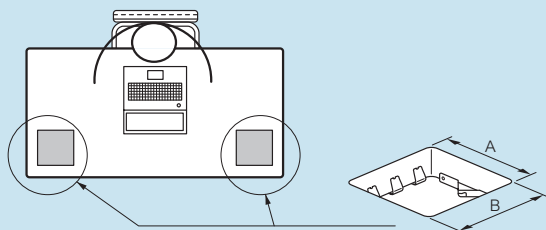
Finishes	Material
Brass	Brass material
Aluminium	Aluminium material
Stainless Steel	Zamak nickel coating
Black	Aluminium material with black painting
White	Aluminium material with white painting

### High/low current compatibility

Floor type	High current	Low current
Concrete	Yes	No
Technical floor	Yes	Cat. 6 compatible
Furniture	Yes	Cat. 6 compatible

### ■ Installation

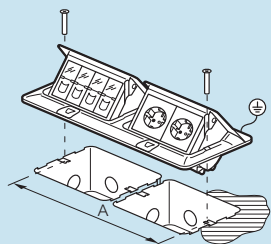
#### Desk or technical floor



Pop-up size	A <sup>(1)</sup> (mm)	B <sup>(1)</sup> (mm)
3 modules	108	108
4 modules	108	131
6 modules	108	218
8 modules	108	263

1: +/- 1 mm

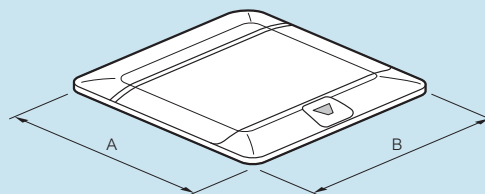
#### Concrete floors (fixing centres, back wired)



Pop-up size	A (mm)
3 modules	84
4 modules	106.5
6 modules	194
8 modules	239

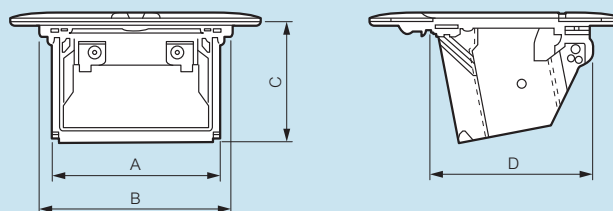
### ■ Dimensions

#### Cover



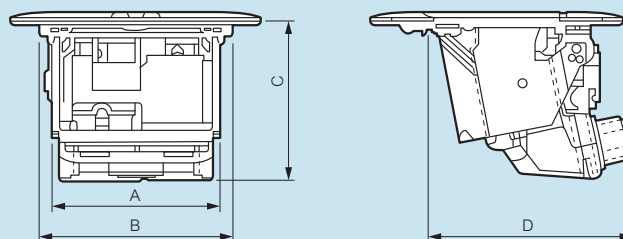
Pop-up size	A (mm)	B (mm)
3 modules	120	120
4 modules	120	142.5
6 modules	120	230
8 modules	120	275

#### Empty pop-up



Pop-up size	A (mm)	B (mm)	C (mm)	D (mm)
3 modules	79.8	92	57	77.5
4 modules	102.3	114.5	57	77.5
6 modules	189.8	202	57	77.5
8 modules	231.6	247	57	77.5

#### Pop-up with installation kit for desk or technical floor



Pop-up size	A (mm)	B (mm)	C (mm)	D (mm)
3 modules	79.8	92	74.8	96.1
4 modules	102.3	114.5	74.8	96.1
6 modules	189.8	202	74.8	96.1
8 modules	231.6	247	74.8	96.1

# Over floor trunking



0 300 92



0 300 93



0 328 00



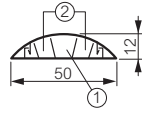
Conform to standard EN 50085-2-2

For creating a link between trunking, column, mini-column, floor units or protecting cables on passageways

Supplied with cover

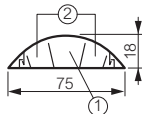
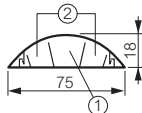
## Over floor trunking 50 x 12 mm

Pack	Cat.Nos	
54 <sup>1</sup>	0 300 92	<b>PVC trunking</b> Length 2 m, supplied with cover 3 compartments Capacity 1: max. Ø9 mm Capacity 2: max. Ø6 mm RAL 7030
10	0 300 12	<b>Accessories</b> Cover joint
10	0 300 11	Flat angle



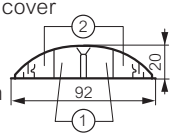
## Over floor trunking 75 x 18 mm

36 <sup>1</sup>	0 300 93	<b>PVC trunking</b> Length 2 m, supplied with cover 3 compartments Capacity 1: max. Ø14 mm Capacity 2: max. Ø11 mm RAL 7030
20	<b>N</b> 0 300 91	<b>Aluminium trunking</b> Length 2 m, supplied with cover 3 compartments Capacity 1: max. Ø14 mm Capacity 2: max. Ø11 mm RAL 7030
10	0 300 19	<b>Accessories</b> Cover joint
5	0 300 18	Flat angle



## Over floor trunking 92 x 20 mm

Pack	Cat.Nos	
20 <sup>1</sup>	0 328 00	<b>PVC trunking</b> Length 2 m, supplied with cover 4 compartments Equipped with 2 adhesive strips for better floor fixing Capacity 1: max. Ø14.5 mm Capacity 2: max. Ø9.5 mm RAL 7016
10	0 328 07	<b>Accessories</b> End cap
10	0 328 03	Cover joint
5	0 328 02	Flat angle
1	0 328 05	Junction to floor duct

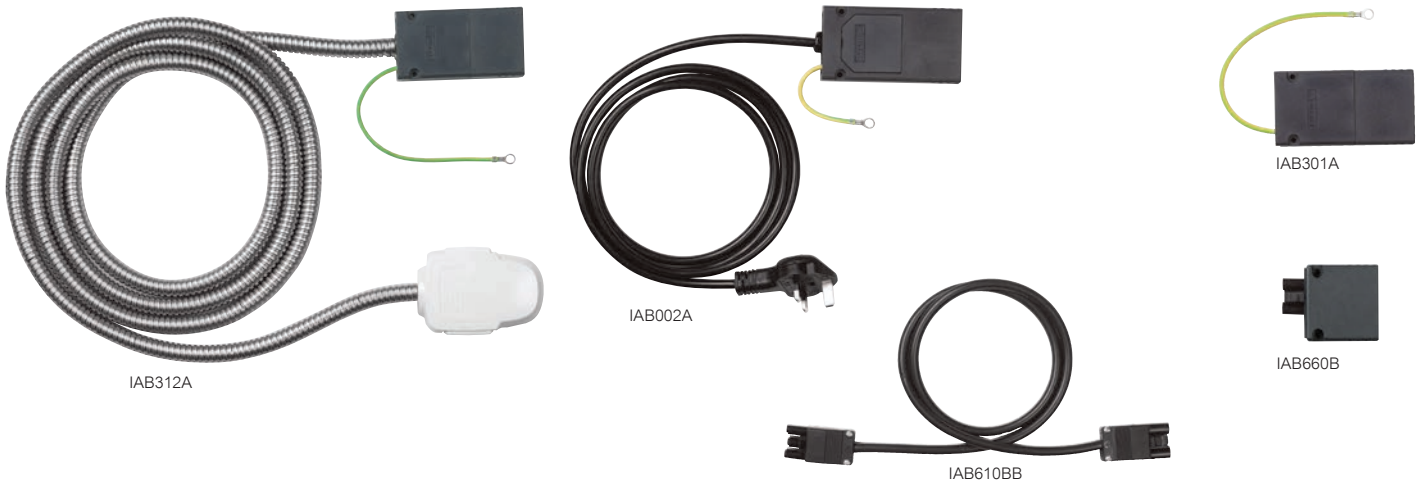


## Junction between floor duct and trunkings

5	0 107 71 + 0 106 90	To be used with Cat.No 0 328 00
5	0 107 72 + 0 106 90	For cover 65 mm For cover 85 mm

1: Number of metres in pack

**Intersoc-R™ desk modules**  
electrical supply



Intersoc-R features fast modular connection with push-fit auto lock mechanism, safe shuttered electrical connections and a robustly designed rigid joint between modules  
Available in standard and clean earth versions, conforms to BS 5733 and the relevant parts of BS 1363 part 2. Manufactured in an approved ISO 9001 : 2008 facility. Meets the requirements of BS 7671 : 2008 for high integrity earthing

Pack	Cat. Nos.	32 A pre-wired feed modules
		<b>Standard earth tap-offs (E24 - White tap-off)</b>
1	IAB311A	3 m unfused metal tap-off Cat. No. DP1332
1	IAB312A	5 m unfused metal tap-off Cat. No. DP1532
1	IAB315A	3 m 13 A fused 543·7 metal tap-off Cat. No. DP1327
1	IAB316A	5 m 13 A fused 543·7 metal tap-off Cat. No. DP1527
		<b>Low noise / clean earth tap-offs (E25 - Green tap-off)</b>
1	IAC311A	3 m unfused metal tap-off Cat. No. JP2332
1	IAC312A	5 m unfused metal tap-off Cat. No. JP2532
1	IAC315A	3 m 13 A fused 543·7 metal tap-off Cat. No. JP2327
1	IAC316A	5 m 13 A fused 543·7 metal tap-off Cat. No. JP2527
		<b>Auxiliary earth tap-offs (E28 - Red tap-off)</b>
1	IAF311A	3 m unfused metal tap-off Cat. No. YP5332
1	IAF312A	5 m unfused metal tap-off Cat. No. YP5532
1	IAF315A	3 m 13 A fused 543·7 metal tap-off Cat. No. YP5327
1	IAF316A	5 m 13 A fused 543·7 metal tap-off Cat. No. YP5527
		<b>32 A re-wirable feed modules</b>
1	IAB301A	Standard earth (for flexible conduit)
1	IAC301A	Low noise (for flexible conduit)
		<b>32 A feed units with in-built Neutrik connectors</b>
1	IAB301E	Standard earth
1	IAC301E	Low noise
		<b>32 A tap-offs pre-wired to Neutrik connectors</b>
		<b>Standard earth tap-offs (E24)</b>
1	IAB311E	3 m unfused metal tap-off Cat. No. DP1332
1	IAB312E	5 m unfused metal tap-off Cat. No. DP1532
1	IAB315E	3 m 13 A fused 543·7 metal tap-off Cat. No. DP1327
1	IAB316E	5 m 13 A fused 543·7 metal tap-off Cat. No. DP1527
		<b>Low noise / clean earth tap-offs (E25)</b>
1	IAC311E	3 m unfused metal tap-off Cat. No. JP2332
1	IAC312E	5 m unfused metal tap-off Cat. No. JP2532
1	IAC315E	3 m 13 A fused 543·7 metal tap-off Cat. No. JP2327
1	IAC316E	5 m 13 A fused 543·7 metal tap-off Cat. No. JP2527

Pack	Cat. Nos.	16 A feed modules pre-wired to 13 A fused plug
1	IAB002A	With 2 m 1·5 mm <sup>2</sup> cable
1	IAB003A	With 3 m 1·5 mm <sup>2</sup> cable
1	IAB005A	With 5 m 1·5 mm <sup>2</sup> cable
		<b>16 A rewirable feed modules</b>
1	IAB201A	Rewirable feed module (for cable)
		<b>16 A feed units with in-built GST connector</b>
1	IAB660B	Compact feed module with male GST connector
1	IAB201B	Feed module with male GST and earth bond lead
		<b>16 A pre-wired connection leads</b>
		<b>13 A fused plug pre-wired to GST connector</b>
1	IAB002B	With 2 m 1·5 mm <sup>2</sup> cable
1	IAB003B	With 3 m 1·5 mm <sup>2</sup> cable
1	IAB005B	With 5 m 1·5 mm <sup>2</sup> cable
		<b>GST to GST connection leads</b>
1	IAB610BB	1 m length
1	IAB620BB	2 m length
1	IAB630BB	3 m length
		<b>International plugs pre-wired to GST connector</b>
		<b>Schuko</b>
1	IAB002NB	With 2 m 1·5 mm <sup>2</sup> cable
		<b>French/Belgium</b>
1	IAB002UB	With 2 m 1·5 mm <sup>2</sup> cable
		<b>5 A Indian</b>
1	IAB002PB	With 2 m 1·5 mm <sup>2</sup> cable
		<b>15 A South African</b>
1	IAB002QB	With 2 m 1·5 mm <sup>2</sup> cable
		<b>Australian/Chinese</b>
1	IAB002RB	With 2 m 1·5 mm <sup>2</sup> cable
		<b>15 A USA</b>
1	IAB002SB	With 2 m 1·5 mm <sup>2</sup> cable
		<b>20 A USA</b>
1	IAB002TB	With 2 m 1·5 mm <sup>2</sup> cable



**NEW**

# Intersoc-R™ desk modules

protection, BS sockets, end caps and interlinks



IAC502R



IAB402A



IAZ001A



IAB703A



IAB533F



IAB450A



IAB610B



IAB600B



IAB504R

The BS version is available with fixed or rotatable sockets. Individually fused sockets are available to meet the requirements of BS 6396 : 2008 (5 x 20 mm anti-surge ceramic fuses)  
 A wide range of interconnection solutions are available. When 16 A cabling interconnection is used with 32 A under desk solutions, suitable de-rating protection devices must be incorporated to protect the cables  
 All protection and switching modules, end caps and interlinks are universally compatible with standard and clean earth / low noise systems

## Pack Cat. Nos. Protection and switching modules

1	IAB401A	With 13 A fuse
1	IAB402A	With 13 A fuse and sw/neon
1	IAB403A	With 13 A fuse and neon
1	IAB404A	32 A max. single isolation module
1	IAB405A	With 30 mA RCD
1	IAB408A	With neon indicator
1	IAB420A	With 16 A MCB
1	IAB430A	With 20 A MCB
1	IAB440A	With 32 A MCB
1	IAB450A	With 16 A RCBO
1	IAB460A	With 20 A RCBO
1	IAB470A	With 32 A RCBO

## Socket modules – standard (grey sockets)

<b>2 gang unfused</b>		
1	IAB502F	Fixed sockets
1	IAB502R	Rotatable sockets
<b>2 gang individually fused</b>		
1	IAB532F	3·15 A – fixed sockets
1	IAB532R	3·15 A – rotatable sockets
<b>3 gang unfused</b>		
1	IAB503F	Fixed sockets
1	IAB503R	Rotatable sockets
<b>3 gang individually fused</b>		
1	IAB533F	3·15 A – fixed sockets
1	IAB533R	3·15 A – rotatable sockets
<b>4 gang unfused</b>		
1	IAB504F	Fixed sockets
1	IAB504R	Rotatable sockets
<b>4 gang individually fused</b>		
1	IAB534F	3·15 A – fixed sockets
1	IAB534R	3·15 A – rotatable sockets

## Socket modules – low noise / clean earth (green sockets)

<b>2 gang unfused</b>		
1	IAC502F	Fixed sockets
1	IAC502R	Rotatable sockets
<b>2 gang individually fused</b>		
1	IAC532F	3·15 A – fixed sockets
1	IAC532R	3·15 A – rotatable sockets

## Pack Cat. Nos. Socket modules – low noise / clean earth (green sockets) (continued)

<b>3 gang unfused</b>		
1	IAC503F	Fixed sockets
1	IAC503R	Rotatable sockets
<b>3 gang individually fused</b>		
1	IAC533F	3·15 A – fixed sockets
1	IAC533R	3·15 A – rotatable sockets
<b>4 gang unfused</b>		
1	IAC504F	Fixed sockets
1	IAC504R	Rotatable sockets
<b>4 gang individually fused</b>		
1	IAC534F	3·15 A – fixed sockets
1	IAC534R	3·15 A – rotatable

## End cap

1	IAZ001A	Blank end cap
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## Intersoc to intersoc pre-wired interconnection

<b>16 A</b>		
1	IAB603A	0·3 m length
1	IAB605A	0·5 m length
1	IAB610A	1 m length
1	IAB620A	2 m length
1	IAB630A	3 m length
1	IAB650A	5 m length
<b>32 A</b>		
1	IAB703A	0·3 m length
1	IAB705A	0·5 m length
1	IAB710A	1 m length
1	IAB720A	2 m length
1	IAB730A	3 m length
1	IAB750A	5 m length

## Power out end caps 16 A

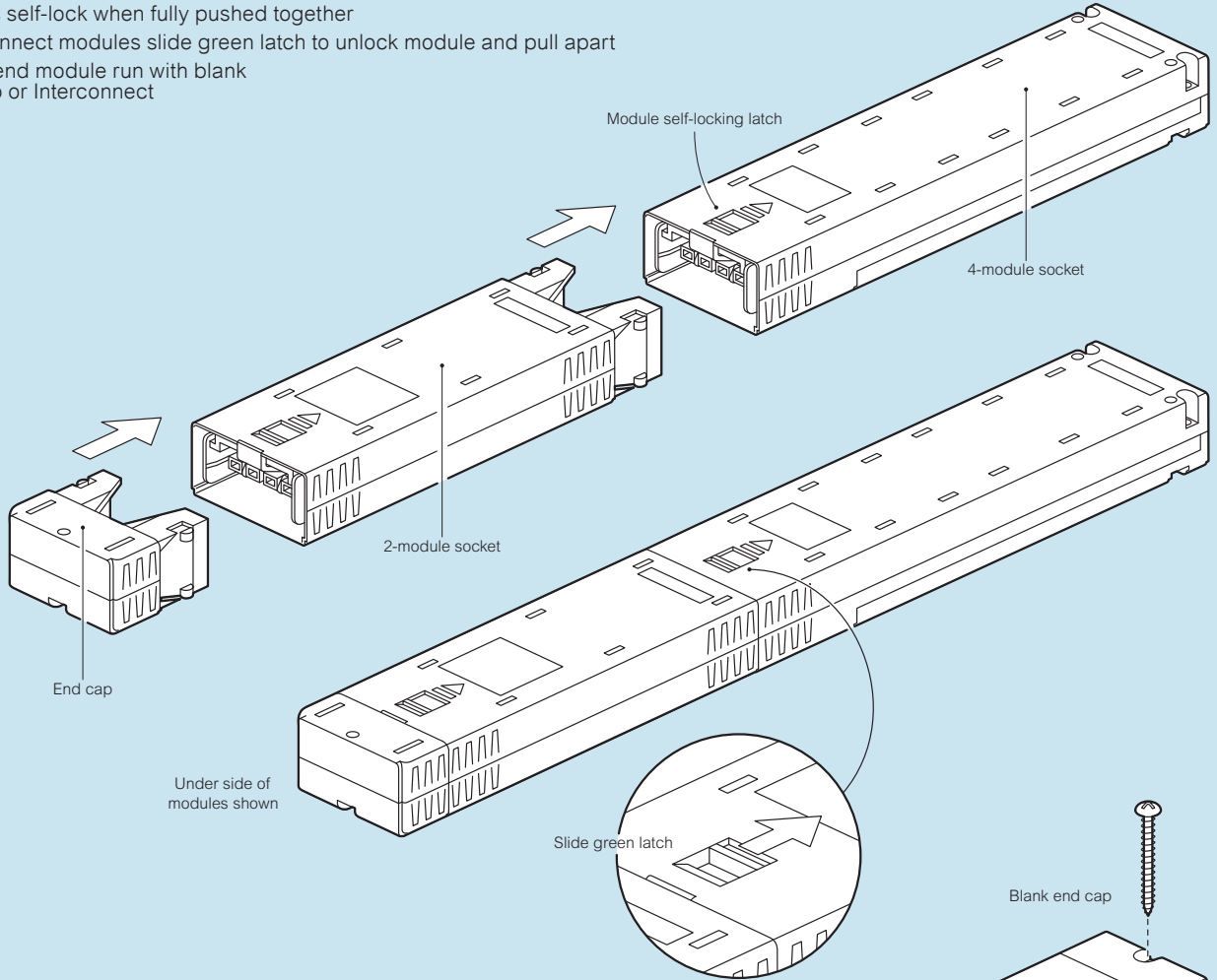
<b>Without flex</b>		
1	IAB600B	End cap with female GST connector
1	IAB600C	End cap with female ST connector
<b>With flex to female GST connector</b>		
1	IAB610B	1 m length
1	IAB620B	2 m length
1	IAB630B	3 m length

**Intersoc underdesk modules (continued)**

**■ Installation principle**

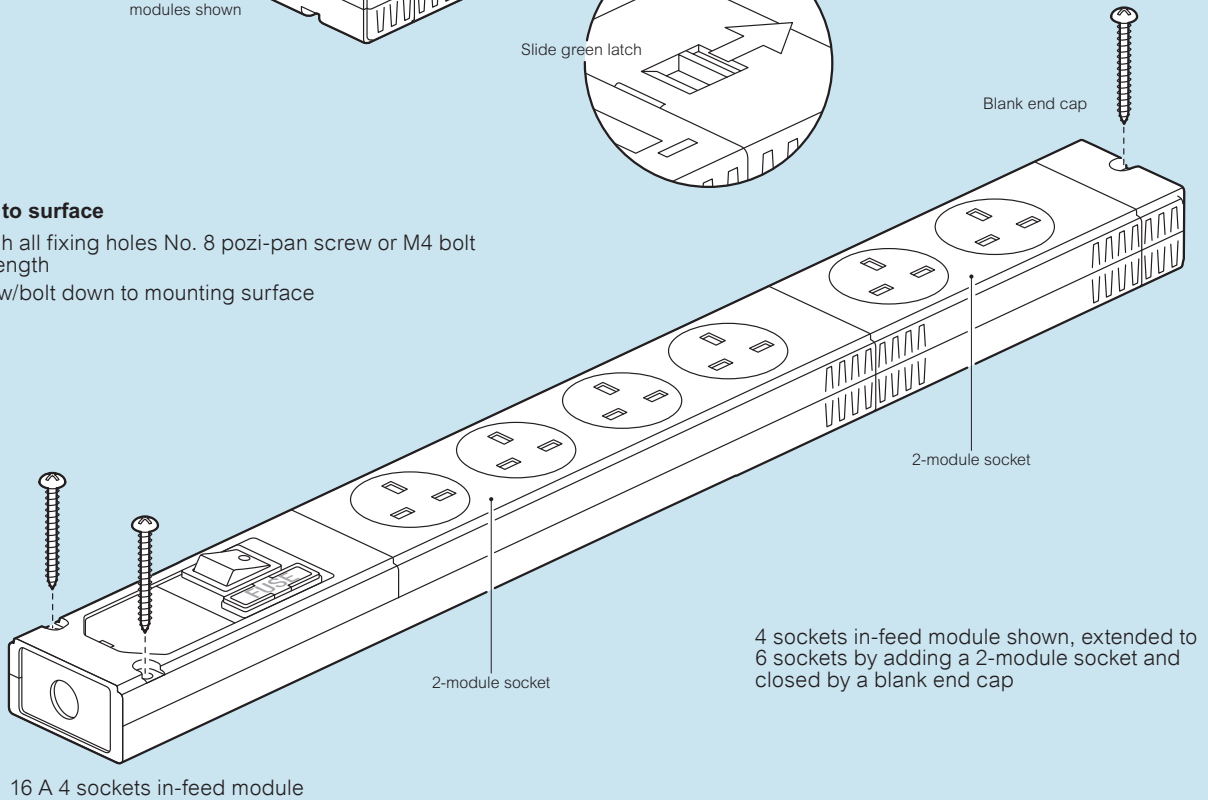
**To connect and disconnect Intersoc modules**

- 1 Connection/disconnection to be made by a competent person
- 2 Before connecting modules ensure they are the correct way up and in line
- 3 Push modules together one at a time
- 4 Modules self-lock when fully pushed together
- 5 To disconnect modules slide green latch to unlock module and pull apart
- 6 Always end module run with blank End Cap or Interconnect



**To fix modules to surface**

- 1 Insert through all fixing holes No. 8 pozi-pan screw or M4 bolt to required length
- 2 Tighten screw/bolt down to mounting surface



# mini -columns



To provide power and data in open areas or underdesks  
To be equipped with supports for wiring accessories

Pack	Cat.Nos	Mini-columns
1	307 29	4-compartment mini-column, allowing perfect separation between ELV and LV currents Consisting of: - Aluminium body - Fixing base with protective cap - Finishing cap - 4 covers
1	307 42	

- Height 68 cm**
- Aluminium covers
  - White PVC covers



		Wiring accessory supports for columns and mini-columns
To be equipped with Arteor sockets (p. 70 to 75)		
1	307 78	<b>4 modules - length 215 mm</b> ● Grey finish ○ White finish
1	310 65	
1	307 79	<b>8 modules - length 325 mm</b> ● Grey finish ○ White finish
1	310 66	
1	307 80	<b>12 modules - length 415 mm</b> ● Grey finish ○ White finish
1	310 67	



**Arteor wiring accessories** (p. 70-75)

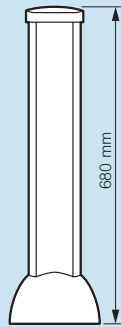
# mini -columns

## Wiring capacity

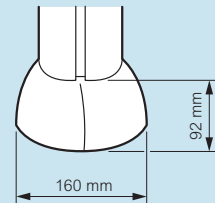
Cat.Nos	Number of compartments	Capacity	Section (mm <sup>2</sup> )	Ø max.
307 29/42	4 compartments	Maximum	1250	25
		With Arteor support	350	2 x 13

## Dimensions

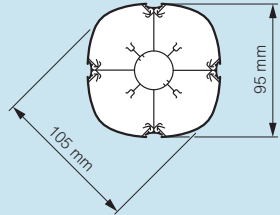
Cat.Nos 307 29/42



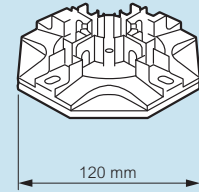
Protection covers



Aluminium body + covers



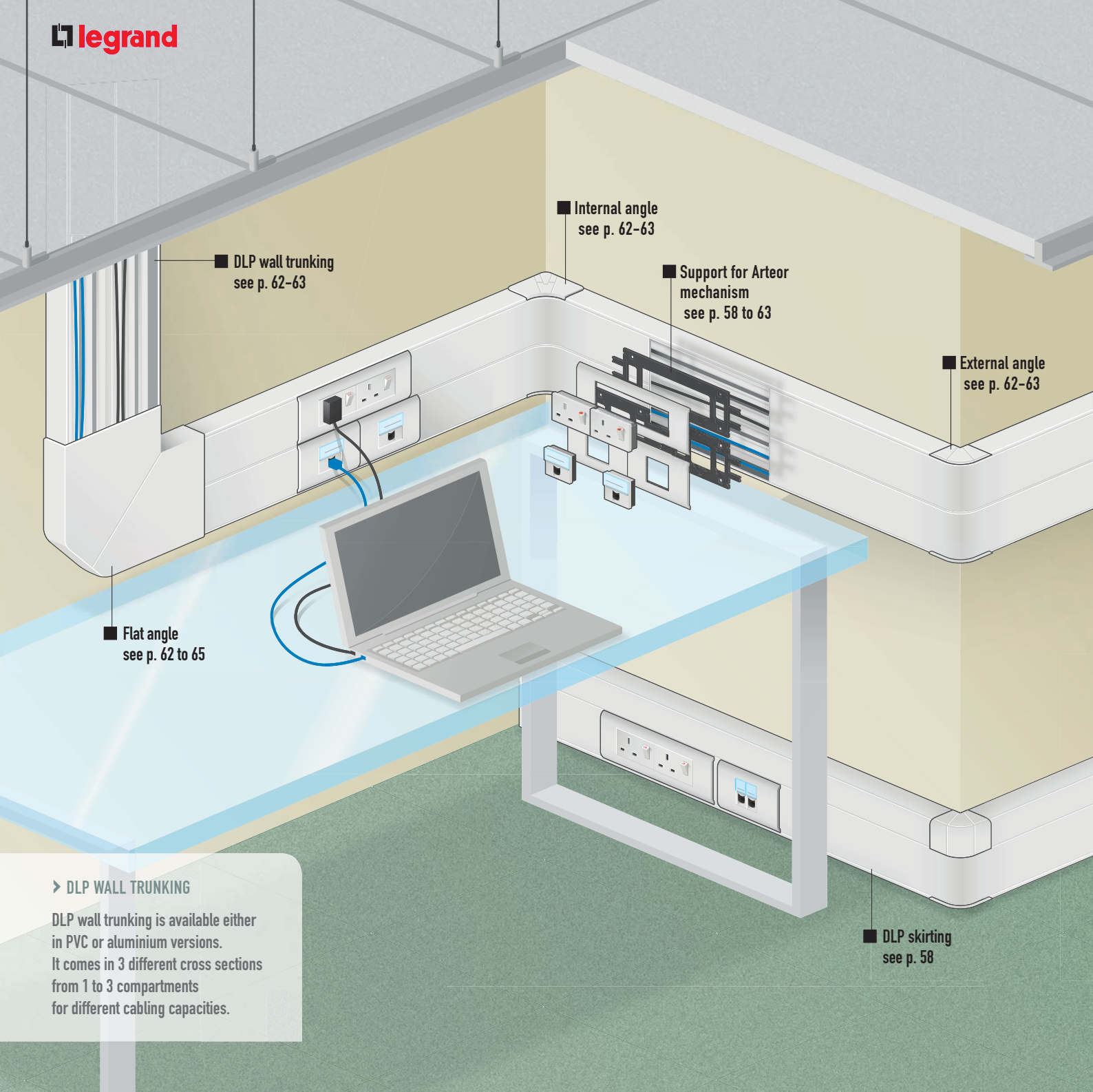
Base plate of fixing for columns



## Wiring accessory supports

Cat.Nos	Number of modules	Dimensions (mm)	
		Length	Width
307 78 310 65	4 modules	215	61
307 79 310 66	8 modules	325	61
307 80 310 67	12 modules	415	61





■ DLP wall trunking  
see p. 62-63

■ Internal angle  
see p. 62-63

■ Support for Arteor  
mechanism  
see p. 58 to 63

■ External angle  
see p. 62-63

■ Flat angle  
see p. 62 to 65

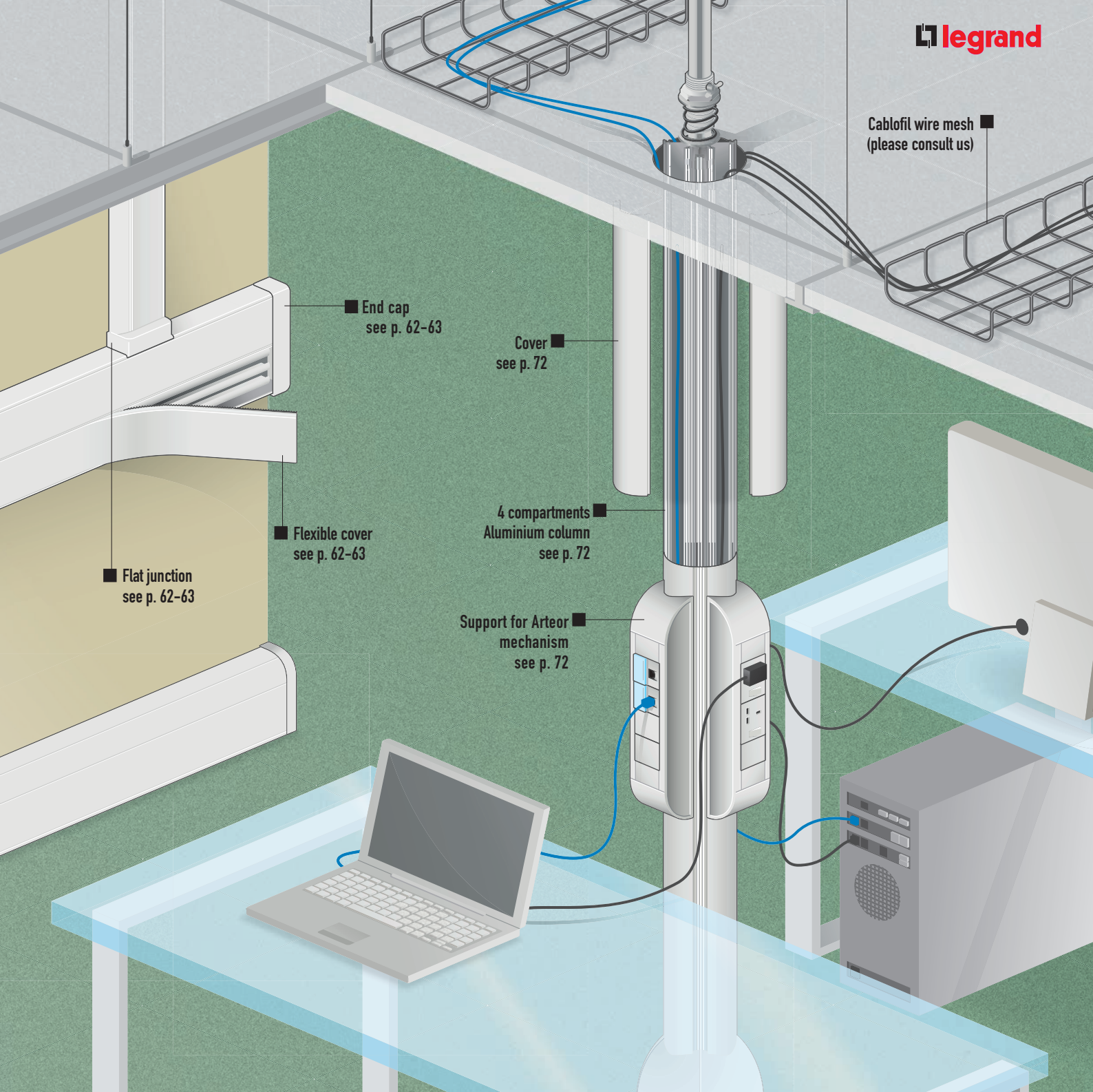
■ DLP skirting  
see p. 58

► DLP WALL TRUNKING

DLP wall trunking is available either in PVC or aluminium versions. It comes in 3 different cross sections from 1 to 3 compartments for different cabling capacities.

## WALL AND CEILING SYSTEMS

Aluminium body columns and DLP wall trunking allow power and data distribution through false ceiling or along the walls. Both solutions offer perfect finish and are quick and easy to install thanks to a complete range of finishing accessories. To be equipped with Arteor mechanisms.



Wall trunking Cross section	DLP Skirting and Dado - 3M length <sup>(1)</sup>		DLP wall trunking	
	Skirting	Dado	PVC	Aluminium
50 x 105	-	-	104 64	111 00
50 x 150	6204 58	-	-	-
50 x 195	6204 54	6204 55	104 70	111 04

(1) Supplied with cover

(2) Cover to be ordered separately (Cat. No 111 11)

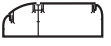
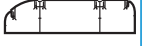
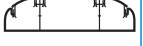
Columns Height (m)	Columns		Movable columns	
	Aluminium covers	PVC covers	Aluminium covers	PVC covers
2	-	-	307 04	307 00
2,7	307 08	307 03	-	-
3,9	307 09	307 07	-	-

## OTHER SOLUTIONS



- > Raised access floor systems see page 2-23
- > Flush floor system see page 24-29
- > Screed floor system see page 30-37
- > Floor boxes and other connection points see page 58-73
- > Arteor wiring devices see page 74-79

## DLP trunking profiles and accessories











### DLP TRUNKING SKIRTING AND DADO - PVC 3 M LENGTH






Size (mm)	Number of compartments	Lids width	Trunkings	Joints	End caps	Angles					
						Internal angles	External angles	Flat angles up	Flat angles down		
SKIRTING	50 x 150	2		1 x 42 curved + 1 x 85	6204 58	6208 46	6207 14	6206 18	6 206 29	6206 43	6206 44
	50 x 195	3		1 x 42 curved + 1 x 85 + 1 x 40	6204 54	6208 47	6207 10	6206 18	6 206 29	6206 65	6206 66
DADO	50 x 195	3		2 x 42 curved + 1 x 85	6204 55	6208 48	6207 13	6206 10	6 206 30	6206 67	








### DLP WALL TRUNKING - PVC 2 M LENGTH











Trunking			Trunking complete with cover	Separation	Clips	Body joints	Cover joints	End caps	Angles		
Number of compartments	Cover width (mm)	Size (mm)							Internal angles 85 to 95°	External angles 60 to 120°	
1		85	50 x 105	104 64	105 82	106 82	106 92	108 02	107 02	106 02	106 22
2		85 85	50 x 195	104 70	105 82	106 82	106 92	108 02	107 11	106 06	106 35

### DLP WALL TRUNKING - ALUMINIUM 2 M LENGTH

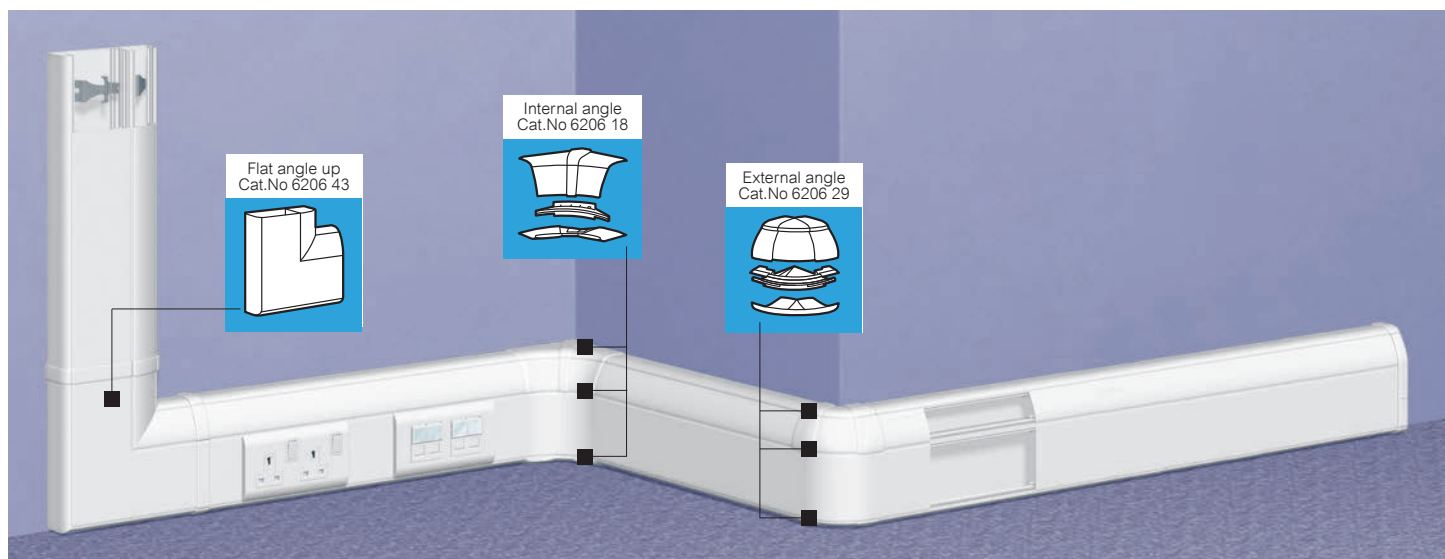
Trunking			Trunking	Rigid cover	Separation partition	Division partition	Clips	Body joints	Cover joints	End caps	
Number of compartments	Cover width (mm)	Size (mm)									
1		85	50 x 105	111 00	111 11	111 08	-	106 82	111 66 or 111 92	111 63	111 58
2		85 85	50 x 195	111 04	2 x 111 11	111 08	111 06	106 82	111 66 or 111 92	111 63	111 61

Flat junctions to a vertical trunking 50 x 195	Supports					Backboxes			
	2 modules	3 modules	4 modules	6 modules	8 modules	25 mm deep		35 mm deep	
						1-gang	2-gang	1-gang	2-gang
-	109 92	109 93	109 94	109 96	109 98	6208 16	6208 17	6208 26	6208 27
6207 57	109 92	109 93	109 94	109 96	109 98	6208 16	6208 17	6208 26	6208 27
6207 59	109 92	109 93	109 94	109 96	109 98	6208 16	6208 17	6208 26	6208 27

Flat angles	Junctions		Supports					Backboxes			
	Flat junctions to width 105 mm	Angled junctions	2 modules	3 modules	4 modules	6 modules	8 modules	25 mm deep		35 mm deep	
								1-gang	2-gang	1-gang	2-gang
107 85	107 36	107 63 + 106 02	109 92	109 93	109 94	109 96	109 98	6208 16	6208 17	6208 26	6208 27
107 92	107 36	107 63 + 106 06	109 92	109 93	109 94	109 96	109 98	6208 16	6208 17	6208 26	6208 27

Angles			Junctions		Supports					Backboxes			
Internal angles	External angles	Flat angles	Flat junctions to 50 x 105 mm	Angled junctions	2 modules	3 modules	4 modules	6 modules	8 modules	25 mm deep		35 mm deep	
										1-gang	2-gang	1-gang	2-gang
112 21	112 32	112 43	112 51	112 56 + 112 21	112 12	112 13	112 14	112 16	112 18	6208 16	6208 17	6208 26	6208 27
112 29	112 40	112 47	112 51	112 56 + 112 29	112 12	112 13	112 14	112 16	112 18	6208 16	6208 17	6208 26	6208 27

# skirting DLP trunking 50 x 150



Selection chart p. 60-61  
Wiring capacity p. 61

Pack	Cat.Nos	2-compartment trunking
6	6204 58	<p>Conforms to BS EN 50085-2-1 (where applicable) Material: high impact self-extinguishing PVC-U Colour: white RAL 9003</p> <p><b>Trunking</b> 50 x 150 supplied with covers and partitions Length: 3 m, supplied in 2 lengths of 3 m Cover width: 1 x 42 curved + 1 x 85 mm</p>
5	6208 46	<p><b>Joint</b>  Consists of a body coupler and lid joint strips</p>

Pack	Cat.Nos	Angles
5	6206 18	<p><b>Internal angle</b> Variable <math>90^\circ \pm 5^\circ</math> Consists of top and bottom parts and dividers</p>
5	6206 29	<p><b>External angle</b> Variable <math>90^\circ \pm 5^\circ</math> Consists of top and bottom parts and dividers</p>
2	6206 43	<p><b>Flat angles</b> Flat angle up</p>
2	6206 44	<p>Flat angle down</p>

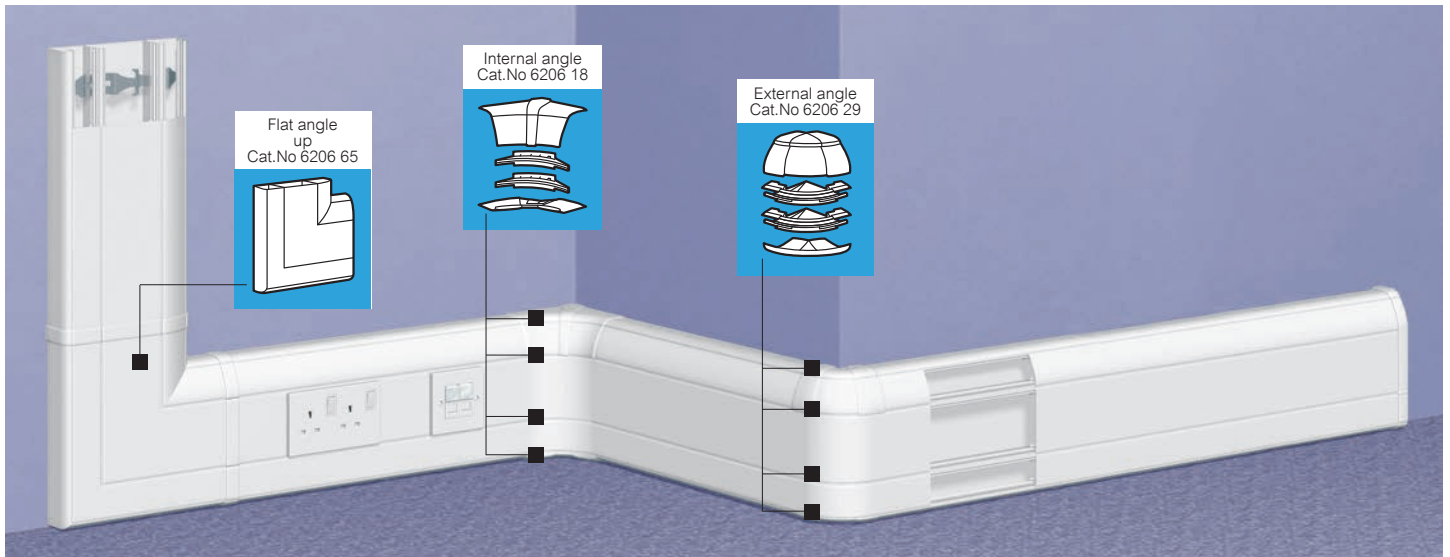
Pack	Cat.Nos	End cap
5	6207 14	<p>Pack of 2 containing a left and a right-hand cap</p>

Pack	Cat.Nos	Accessories
50	106 82	<p><b>Clip</b>  Clip for holding cable in place</p>
24	6205 22	<p><b>Lids</b>  Spare flat lid width 85 mm Supplied in 8 lengths of 3 m</p>
6	6205 09	<p> Spare curved lids width 42 mm Supplied in 2 lengths of 3 m</p>
5	6208 16	<p><b>Backboxes</b>  1-gang backbox 25 mm deep</p>
5	6208 26	<p>1-gang backbox 35 mm deep</p>
5	6208 17	<p>2-gang backbox 25 mm deep</p>
5	6208 27	<p>2-gang backbox 35 mm deep</p>
5	6208 29	<p><b>Cable grip</b>  Backbox cable grip</p>

Pack	Cat.Nos	Supports for Arteor mechanisms
20	109 92	2 modules
1	109 93	3 modules
20	109 94	4 modules
10	109 96	6 modules
10	109 98	8 modules

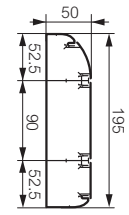


# skirting DLP trunking 50 x 195



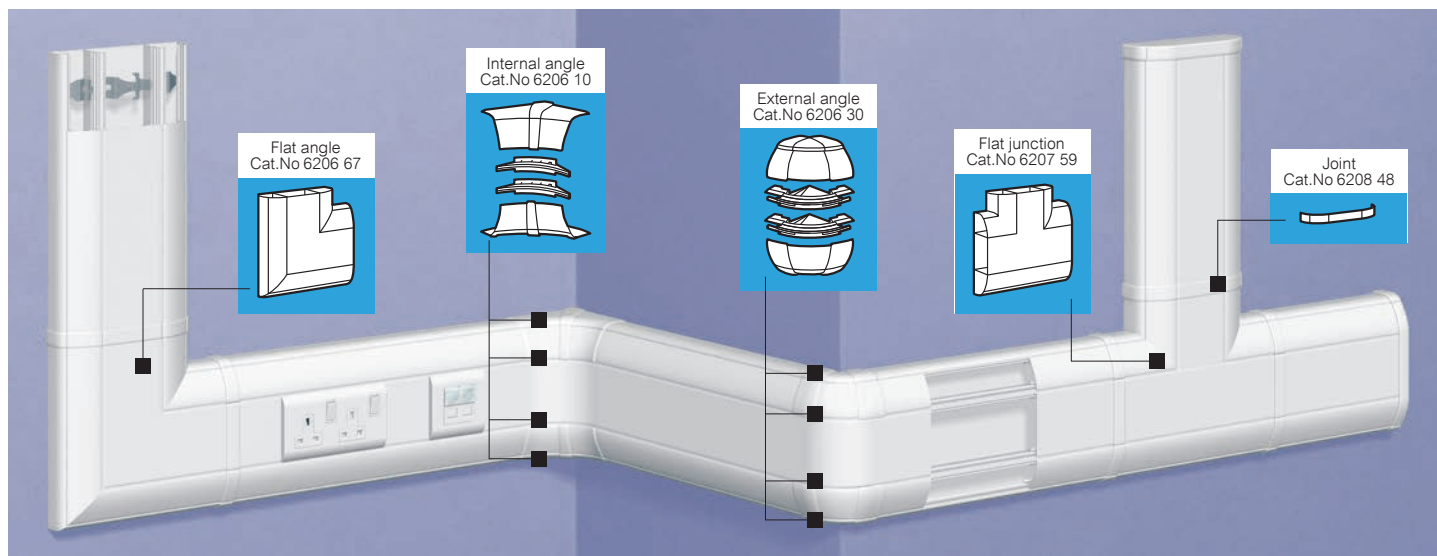
Selection chart p. 60-61  
Wiring capacity p. 61

Pack	Cat.Nos	3 compartments trunking
6	6204 54	<p>Conforms to BS EN 50085-2-1 (where applicable) Material: high impact self-extinguishing PVC-U Colour: white RAL 9003</p> <p><b>Trunking</b> 50 x 195 supplied with covers and partitions Length: 3 m, supplied in 2 lengths of 3 m Cover width: 1 x 42 curved + 1 x 85 mm + 1 x 40</p>
5	6208 47	<p><b>Joint</b> Consists of a body coupler and lid joint strips</p>
5	6206 18	<p><b>Angles</b> <b>Internal angle</b> Variable <math>90^\circ \pm 5^\circ</math> Consists of top and bottom parts and dividers</p>
5	6206 29	<p><b>External angle</b> Variable <math>90^\circ \pm 5^\circ</math> Consists of top and bottom parts and dividers</p>
2	6206 65	<p><b>Flat angles</b> Flat angle up</p>
2	6206 66	<p>Flat angle down</p>
5	6207 10	<p><b>End cap</b> Pack of 2 containing a left and a right-hand cap</p>



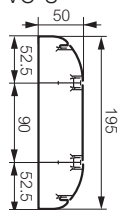
Pack	Cat.Nos	Flat junction
2	6207 57	<p><b>Flat junction dado</b> Up with a 195 x 50 mm dado trunking</p>
50	106 82	<p><b>Accessories</b> <b>Clip</b> Clip for holding cable in place</p>
24	6205 22	<p><b>Lids</b> Spare flat lid width 85 mm Supplied in 8 lengths of 3 m</p>
6	6205 09	<p>Spare curved lids width 42 mm Supplied in 2 lengths of 3 m</p>
5	6208 16	<p><b>Backboxes</b> 1-gang backbox 25 mm deep</p>
5	6208 26	<p>1-gang backbox 35 mm deep</p>
5	6208 17	<p>2-gang backbox 25 mm deep</p>
5	6208 27	<p>2-gang backbox 35 mm deep</p>
5	6208 29	<p><b>Cable grip</b> Backbox cable grip</p>
20	109 92	<p><b>Supports for Arteor mechanisms</b> 2 modules</p>
1	109 93	<p>3 modules</p>
20	109 94	<p>4 modules</p>
10	109 96	<p>6 modules</p>
10	109 98	<p>8 modules</p>

# dado DLP trunking 50 x 195



Selection chart p. 60-61  
Wiring capacity p. 61

Pack	Cat.Nos	3-compartment trunking
6	6204 55	<p>Conforms to BS EN 50085-2-1 (where applicable) Material: high impact self-extinguishing PVC-U Colour: white RAL 9003</p> <p><b>Trunking</b> 50 x 195 mm supplied with covers and partitions Length: 3 m, supplied in 2 lengths of 3 m Covers width: 2 x 42 curved + 1 x 85 mm</p>
5	6208 48	<p><b>Joint</b> Consists of a body coupler and lid joint strips</p>



5	6206 10	<p><b>Angles</b></p> <p><b>Internal angle</b> Variable 90 ° ± 5° Consists of top and bottom parts and dividers</p>
5	6206 30	<p><b>External angle</b> Variable 90 ° ± 5° Consists of top and bottom parts and dividers</p>
2	6206 67	<p><b>Flat angle</b> Flat angle up and down</p>

5	6207 13	<p><b>End cap</b> Pack of 2 containing a left and a right-hand cap</p>
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2	6207 59	<p><b>Junction</b> Flat junction</p>
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Pack	Cat.Nos	Accessories
50	106 82	<p><b>Clip</b> Clip for holding cable in place</p>
24	6205 22	<p><b>Lids</b> Spare flat lid width 85 mm Supplied in 8 lengths of 3 m</p>
6	6205 09	<p>Spare curved lids width 42 mm Supplied in 2 lengths of 3 m</p>
5	106 99	<p><b>Wall feedthrough</b> Provides a finish between the trunking and the wall for a feedthrough</p>
5	6208 16	<p><b>Backboxes</b> 1-gang backbox 25 mm deep</p>
5	6208 26	<p>1-gang backbox 35 mm deep</p>
5	6208 17	<p>2-gang backbox 25 mm deep</p>
5	6208 27	<p>2-gang backbox 35 mm deep</p>
5	6208 29	<p><b>Cable grip</b> Backbox cable grip</p>

Pack	Cat.Nos	Supports for Arteor mechanisms
20	109 92	2 modules
1	109 93	3 modules
20	109 94	4 modules
10	109 96	6 modules
10	109 98	8 modules

# skirting and dado DLP trunking

## ■ Norms

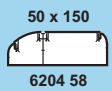
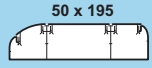
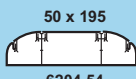
### Classification for skirting and dado trunking system (standard EN 50085-2-1)

6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	With electrical continuity characteristic
6.6	Electrical insulating characteristic	Without electrical insulating characteristic
6.7	Degree of protection provided by enclosure	IP 40
6.9	System access cover retention	With a tool
6.101	Position when surface mounted	Wall fixed/Ceiling fixed
6.102	Functions provided	Type 1
	Rated current	500 V
	Protection against mechanical impact	IK 07

### Composition and functions for skirting and dado trunking system (standard EN 50085-2-1)

Dimensions	Cat.Nos	Type	Material	Sections mm <sup>2</sup>
50 x 150	6204 58	1	PVC	1680/4190
50 x 195	6204 54	1	PVC	1680/3900/2050
50 x 195	6204 55	1	PVC	1680/3900/1680

## ■ Wiring capacity

Dimensions	Number of compartments	Cover width	Cross-section (mm <sup>2</sup> )	Capacity	Ø max.	Conductors maximum capacity (for one specific conductor type)						
						1,5 mm <sup>2</sup>	2,5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	3 x 1,5 mm <sup>2</sup>	3 x 2,5 mm <sup>2</sup>	UTP & FTP cat. 6
 50 x 150 6204 58	2 compartments	42 curved	1680	Maximum	31	101	75	66	48	14	11	33
		85	4190	Maximum	47	254	188	165	122	37	27	83
			2420	With supports 25 mm deep	24	146	108	95	70	21	15	48
			1800	With supports 35 mm deep	20	109	80	71	52	16	11	35
 50 x 195 6204 54	3 compartments	42 curved	1680	Maximum	31	101	75	66	48	14	11	33
		85	3900	Maximum	43	236	175	153	113	34	25	77
			2130	With supports 25 mm deep	3 x 23	129	95	84	62	18	13	42
			1510	With supports 35 mm deep	7 x 12	91	67	59	43	13	9	30
		40 curved	1680	Maximum	31	101	75	66	48	14	11	33
 50 x 195 6204 54	3 compartments	42 curved	1680	Maximum	31	101	75	66	48	14	11	33
		85	3900	Maximum	43	236	175	153	113	34	25	77
			2130	With supports 25 mm deep	3 x 23	129	95	84	62	18	13	42
			1510	With supports 35 mm deep	7 x 12	91	67	59	43	13	9	30
		40	2050	Maximum	28	124	92	80	59	18	13	40
1530	With Arteor supports		24	92	68	60	44	13	10	30		

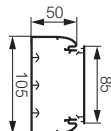
# DLP wall trunking - PVC 50 x 105

## Cat.Nos for 50 x 105 trunking



Selection chart p. 60-61  
Wiring capacity p. 61

Pack	Cat.Nos	1-compartment trunking
16	104 64	<b>Trunking</b> Complies with EN 50085-2-1 Can be associated with Arteor socket outlets and supports for 85 mm cover Contains: - 1 body 50 x 105 mm, length 2 m - 1 flexible cover 85 mm width Supplied in 8 lengths of 2 m Maximum section: 4300 mm <sup>2</sup> per compartment
20	105 22	<b>Additional cover</b> Width 85 mm Supplied in 10 lengths of 2 m
24	105 82	<b>Additional partition</b> Separation partition Supplied in 12 lengths of 2 m
10	108 02	<b>Joints</b> Cover joint for 85 mm cover
20	106 92	Body joint, attached with adhesive (fit at the end of installation)



Pack	Cat.Nos	Angles
10	106 02	<b>Internal angle</b> Changeable internal angle, from 85° to 100°
10	106 22	<b>External angle</b> Changeable external angle from 60° to 120°
10	107 85	<b>Flat angle</b> 90° flat angle

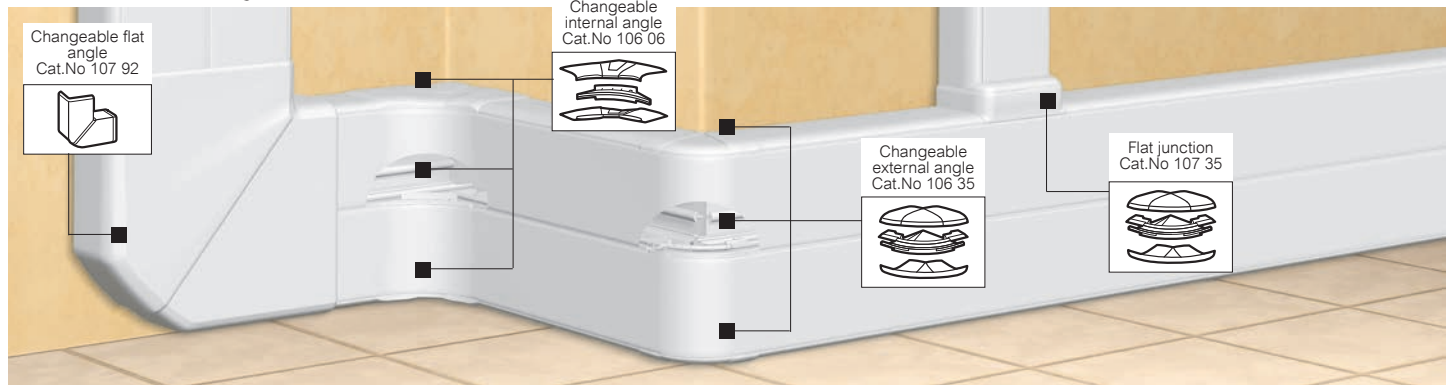
Pack	Cat.Nos	Junctions
20	107 02	Right or left end cap

Pack	Cat.Nos	Junctions
5	107 36	<b>Flat angle</b> For a junction to a 105 mm wide trunking equipped with a 85 mm cover
5	107 63	<b>Angled junctions</b> For a junction to 50 x 105 trunking To be associated with an internal angle Cat.No 106 02

Pack	Cat.Nos	Accessories
50	106 82	<b>Clip</b> Clip for holding cable in place
5	6208 16	<b>Backboxes</b> 1-gang backbox 25 mm deep 1-gang backbox 35 mm deep
5	6208 26	
5	6208 17	2-gang backbox 25 mm deep 2-gang backbox 35 mm deep
5	6208 27	
5	6208 29	<b>Cable grip</b> Backbox cable grip
20	109 92	<b>Supports for Arteor mechanisms</b> 2 modules 3 modules 4 modules 6 modules 8 modules
1	109 93	
20	109 94	
10	109 96	
10	109 98	

# DLP wall trunking - PVC 50 x 195

Cat.Nos for 50 x 195 trunking



Selection chart p. 60-61  
Wiring capacity p. 61

Pack	Cat.Nos	2-compartment trunking
8	104 70	<b>Trunking</b> Complies with EN 50085-2-1 Can be associated with Arteor socket outlets and supports for 85 mm cover Contains: - 1 body 50 x 195 mm with 2 compartments - 2 flexible covers 85 mm width Supplied in 4 lengths of 2 m Maximum section: 3940 mm <sup>2</sup> per compartment 
20	105 22	<b>Additional cover</b> Width 85 mm Supplied in 10 lengths of 2 m
24	105 82	<b>Additional partition</b> Separation partition Supplied in 12 lengths of 2 m
10	108 02	<b>Joints</b> Cover joint for 85 mm cover
20	106 92	Body joint, attached with adhesive (fit at the end of installation)

Pack	Cat.Nos	Angles
5	106 06	<b>Internal angle</b> Changeable from 85° to 100°
5	106 35	<b>External angle</b> Changeable from 60° to 120°
2	107 92	<b>Flat angle</b> 90° Flat angle

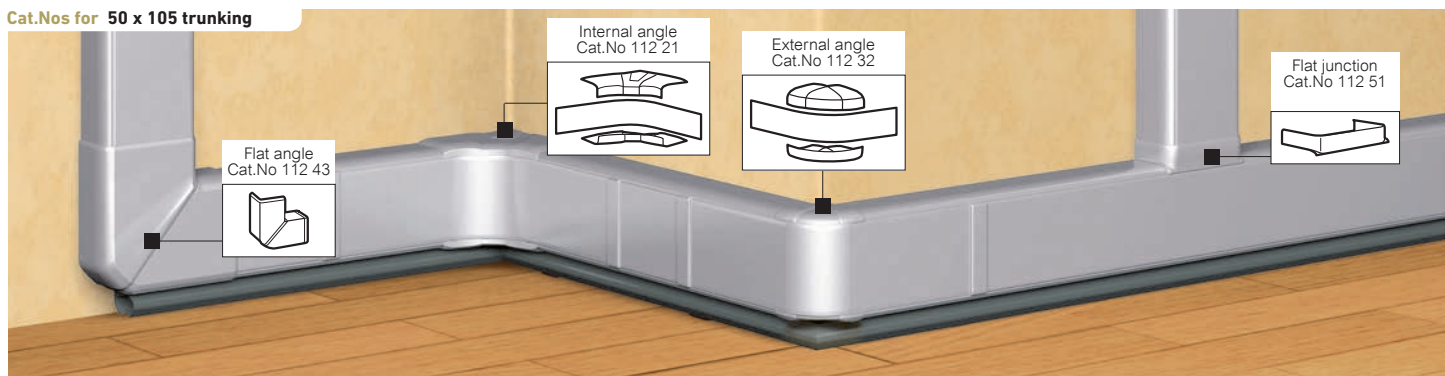
Pack	Cat.Nos	End cap
5	107 11	Right or left end cap

Pack	Cat.Nos	Junctions
5	107 36	<b>Flat junction</b> For a junction to a 105 mm wide trunking equipped with a 85 mm cover
5	107 63	<b>Angled junction</b> For a junction to 50 x195 trunking To be associated with an internal angle Cat.No 106 06

Pack	Cat.Nos	Accessories
50	106 82	<b>Clip</b> Clip for holding cable in place
5	6208 16	<b>Backboxes</b> 1-gang backbox 25 mm deep 1-gang backbox 35 mm deep
5	6208 26	
5	6208 17	2-gang backbox 25 mm deep 2-gang backbox 35 mm deep
5	6208 27	
5	6208 29	<b>Cable grip</b> Backbox cable grip
20	109 92	<b>Supports for Arteor mechanisms</b> 2 modules 3 modules 4 modules 6 modules 8 modules
1	109 93	
20	109 94	
10	109 96	
10	109 98	

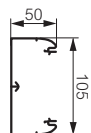
# DLP wall trunking - aluminium 50 x 105

Cat.Nos for 50 x 105 trunking



Selection chart p. 60-61  
Wiring capacity p. 71

Pack	Cat.Nos	Aluminium DLP trunking
8	111 00	<b>Trunking</b> 50 x105 trunking, length 2 m Supplied without cover Supplied in 4 lengths of 2 m
16	111 11	<b>Cover</b> Rigid cover 85 mm width Supplied in 8 lengths of 2 m
24	111 08	<b>Partition</b> Separation partition Supplied in 12 lengths of 2 m
10	111 63	<b>Joints</b> Cover joint for 85 mm cover
20	111 66	Body joint attached with adhesive (fit at the end of installation)
20	111 92	Body joint attached with splint



Pack	Cat.Nos	Angles
10	112 43	Flat angle
1	112 32	External angle
1	112 21	Internal angle

Pack	Cat.Nos	End cap
20	111 58	End cap

Pack	Cat.Nos	Junctions
5	112 51	<b>Flat junction</b> For 50 x105 trunking, cover width 85 mm
5	112 56	<b>Angled junction</b> For a junction to 50 x 105 trunking, cover width 85 mm Use with internal angle Cat.No 112 21

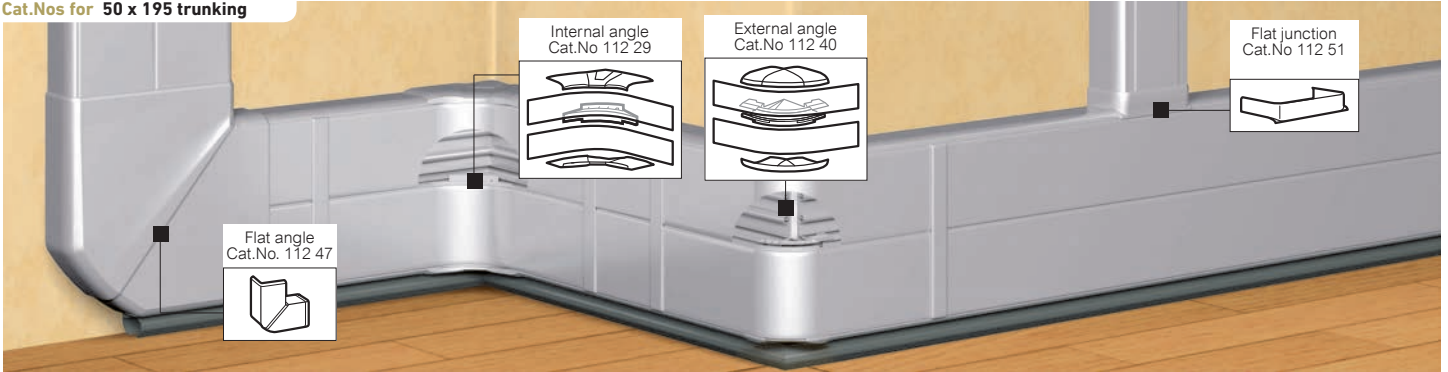
Pack	Cat.Nos	Accessories
50	106 82	<b>Clip</b> Clip for holding cable in place
5	6208 16	<b>Backboxes</b> 1-gang backbox 25 mm deep
5	6208 26	
5	6208 17	2-gang backbox 25 mm deep
5	6208 27	
5	6208 29	<b>Cable grip</b> Backbox cable grip

Pack	Cat.Nos	Supports for Arteor mechanisms
20	112 12	2 modules
1	112 13	3 modules
20	112 14	4 modules
10	112 16	6 modules
10	112 18	8 modules

Pack	Cat.Nos	Earth link
20	111 88	Earth link connector

# DLP wall trunking - aluminium 50 x 195

Cat.Nos for 50 x 195 trunking



Selection chart p. 60-61  
Wiring capacity p. 71

Pack	Cat.Nos	Aluminium DLP trunking
4	111 04	<b>Trunking</b> 50 x 195 trunking, length 2 m Supplied without cover Supplied in 2 lengths of 2 m
16	111 11	<b>Cover</b> Rigid cover 85 mm width Supplied in 8 lengths of 2 m
24	111 08	<b>Partitions</b> Separation partition length 2m Supplied in 12 lengths of 2 m
12	111 06	Division partition for cover 85 mm width Supplied in 6 lengths of 2 m
10	111 63	<b>Joints</b> Cover joint for 85 mm cover
20	111 66	Body joint attached with adhesive (fit at the end of installation)
20	111 92	Body joint attached with splint

Pack	Cat.Nos	Angles
2	112 47	Flat angle
1	112 40	External angle
1	112 29	Internal angle

Pack	Cat.Nos	End cap
10	111 61	End cap

Pack	Cat.Nos	Junctions
5	112 51	<b>Flat junction</b> For 50 x105 trunking, cover width 85 mm
5	112 56	<b>Angled junction</b> For a junction to 50 x 195 trunking, cover width 85 mm Use with internal angle Cat.No 112 29

Pack	Cat.Nos	Accessories
50	106 82	<b>Clip</b> Clip for holding cable in place
5	6208 16	<b>Backboxes</b> 1-gang backbox 25 mm deep
5	6208 26	1-gang backbox 35 mm deep
5	6208 17	2-gang backbox 25 mm deep
5	6208 27	2-gang backbox 35 mm deep
5	6208 29	<b>Cable grip</b> Backbox cable grip

Pack	Cat.Nos	Supports for Arteor mechanisms
20	112 12	2 modules
1	112 13	3 modules
20	112 14	4 modules
10	112 16	6 modules
10	112 18	8 modules



Pack	Cat.Nos	Earth link
20	111 88	Earth link connector

## DLP wall trunking - PVC

### ■ Norms

Classification EN 50085-2-1		Level
6.1	Void	
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C
6.3	Maximum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	Without electrical continuity characteristic
6.6	Electrical insulating characteristic	With electrical insulating characteristic
6.7	Degrees of protection provided by enclosure	IP 40
6.9	System access cover retention	With a tool
6.101	Position when surface mounted	Wall fixed, ceiling fixed, wall fixed and supported by the floor or other horizontal surface
6.102	Prevention of contact between liquids and insulated conductors and live parts in case of CTS/CDS mounted in a skirting position and wet-treatment of floor	Instructions restricting the installation position
6.103	The functions provided	Type 3 (installation)
Rated current		500 V
Against mechanical shocks		IK 07

### ■ Wiring capacity

Dimensions	Number of compartments	Cover width	Section (mm <sup>2</sup> )	Capacity	Ø max.	Conductors maximum capacity (for one specific conductor type)						
						1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	3 x 1.5 mm <sup>2</sup>	3 x 1.5 mm <sup>2</sup>	UTP & FTP cat. 6
<b>50 x 105</b>  Cat.No 104 64	1 compartment	85	4300	Maximum	42	260	113	169	125	38	28	85
			2270	With Arteor support	2 x 24	137	102	89	66	20	14	45
<b>50 x 195</b>  Cat.No 104 70	2 compartments	85	3940	Maximum	42	238	177	155	114	35	25	78
			1910	With Arteor support	26	115	85	75	55	16	12	38
		85	3940	Maximum	42	238	177	155	114	35	25	78
			1910	With Arteor support	26	115	85	75	55	16	12	38



## DLP wall trunking - aluminium

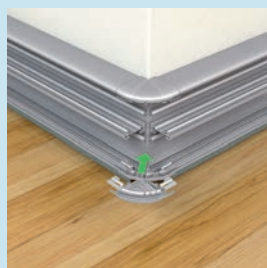
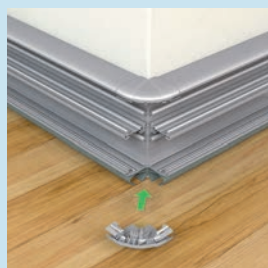
### ■ Norms

Classification EN 50085-2-1		Level
6.2	Resistance to impact for installation and application	2.0 J
6.3	Minimum storage and transport temperature	- 25 °C
6.3	Minimum installation and application temperature	+ 15 °C
6.3	Minimum application temperature	+ 60 °C
6.4	Resistance to flame propagation	Non-flame propagating
6.5	Electrical continuity characteristic	With electrical continuity characteristic
6.6	Electrical insulating characteristic	Without electrical insulating characteristic
6.7	Degrees of protection provided by enclosure	IP 40
6.9	System access cover retention	With a tool
6.101	Conditions d'utilisation	Wall fixed, ceiling fixed, wall fixed and supported by the floor (with Cat.No 105 80)
6.102	The functions provided	Type 1
Protection against mechanical impact		IK 07

### ■ Wiring capacity

Dimensions	Number of compartments	Cover width	Section (mm <sup>2</sup> )	Capacity	Ø max.	Conductors maximum capacity (for one specific conductor type)						
						1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>	3 x 1.5 mm <sup>2</sup>	3 x 1.5 mm <sup>2</sup>	UTP & FTP cat. 6
<b>50 x 105</b>  Cat.No 111 00	1 compartment	85	4300	Maximum	42	260	193	169	125	38	28	85
			2270	With Arteor support	2 x 24	137	102	89	66	20	14	45
<b>50 x 195</b>  Cat.No 111 04	2 compartments	85	3940	Maximum	42	238	177	155	114	35	25	78
			1910	With Arteor support	26	115	85	75	55	16	12	38
		85	3940	Maximum	42	238	177	155	114	35	25	78
			1910	With Arteor support	26	115	85	75	55	16	12	38

### ■ Installation principle

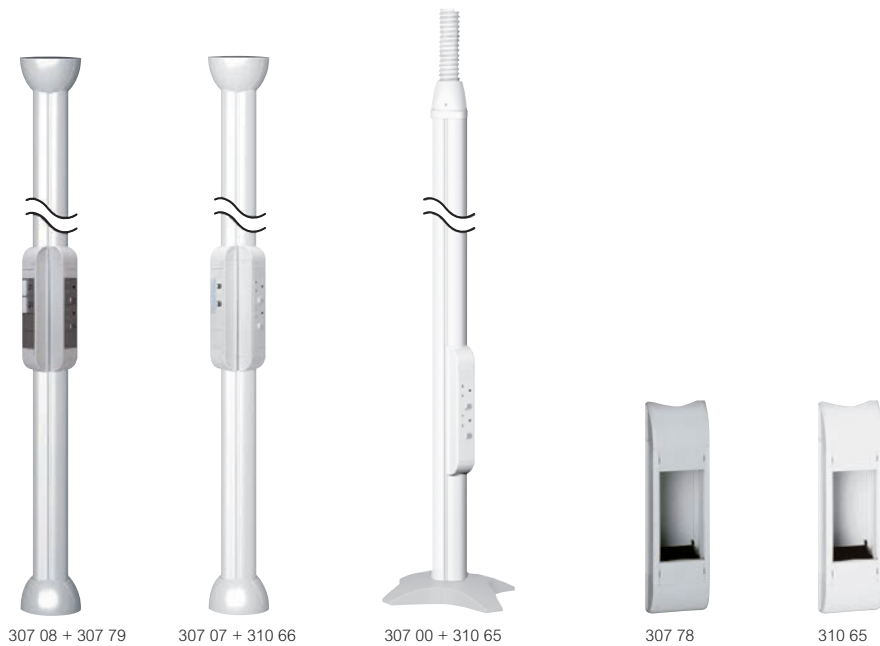


**1** Install the upper and lower parts of the angle

**2** Fix the partition junction

**3** Clip the cover and the three elements of the angle

# ceiling columns



**Technical characteristics p. 73**

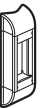
To distribute power and data to a workstation from the ceiling

Pack	Cat.Nos	<b>Ceiling columns</b>
1	307 08	4-compartment columns, allowing perfect separation between ELV and LV currents Consist of: - Aluminium body - Telescoping pole with height adjustment for installing between false ceiling and ceiling (up to 1.10 m) - Two fixing bases with protective caps - 4 covers  <b>Height 2.7 m</b> Can be adjusted to a ceiling height of 3.80 m ● Aluminium covers ○ White PVC covers
1	307 03	
1	307 09	<b>Height 3.9 m</b> Can be adjusted to a ceiling height of 5 m ● Aluminium covers ○ White PVC covers
1	307 07	



Pack	Cat.Nos	<b>Movable column</b>
1	307 04	4-compartment columns, allowing perfect separation between ELV and LV currents Consists of: - An aluminium base, length 2 m - 60 mm flexible conduit, capacity 4 x 20, length 2 m - 4 covers Power supply from ceiling via a flexible sheath Radius of movement of the column in relation to power supply point: 1.5 m To fix on in a false ceiling max. height 3 m  <b>Height 2 m</b> ● Aluminium covers ○ White PVC covers
1	307 00	

Pack	Cat.Nos	<b>Wiring accessory supports for columns and mini-columns</b>
1	307 78	To be equipped with Arteor sockets (p. 76 to 79) <b>4 modules - length 215 mm</b> ● Grey finish ○ White finish
1	310 65	
1	307 79	<b>8 modules - length 325 mm</b> ● Grey finish ○ White finish
1	310 66	
1	307 80	<b>12 modules - length 415 mm</b> ● Grey finish ○ White finish
1	310 67	



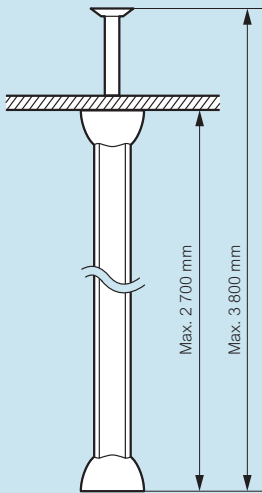
# ceiling columns

## Wiring capacity

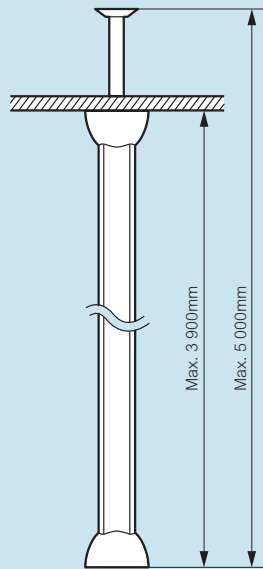
Cat.Nos	Number of compartments	Capacity	Section (mm <sup>2</sup> )	Ø max.
307 00/04	4 compartments	Maximum	1250	25
		With Arteor support	350	2 x 13
307 08/03 307 09/07	4 compartments	Maximum	1250	25
		With Arteor support	350	2 x 13

## Dimensions

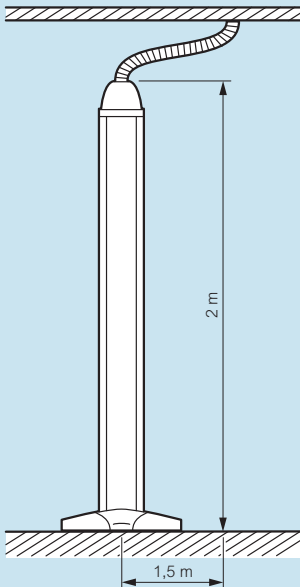
Cat.Nos 307 08/03



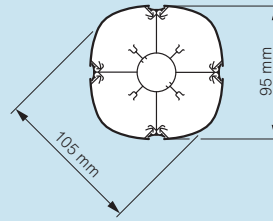
Cat.Nos 307 09/07



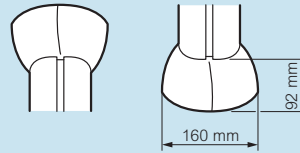
Cat.Nos 307 00/04



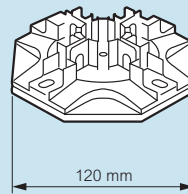
## Aluminium body + covers



## Protection covers



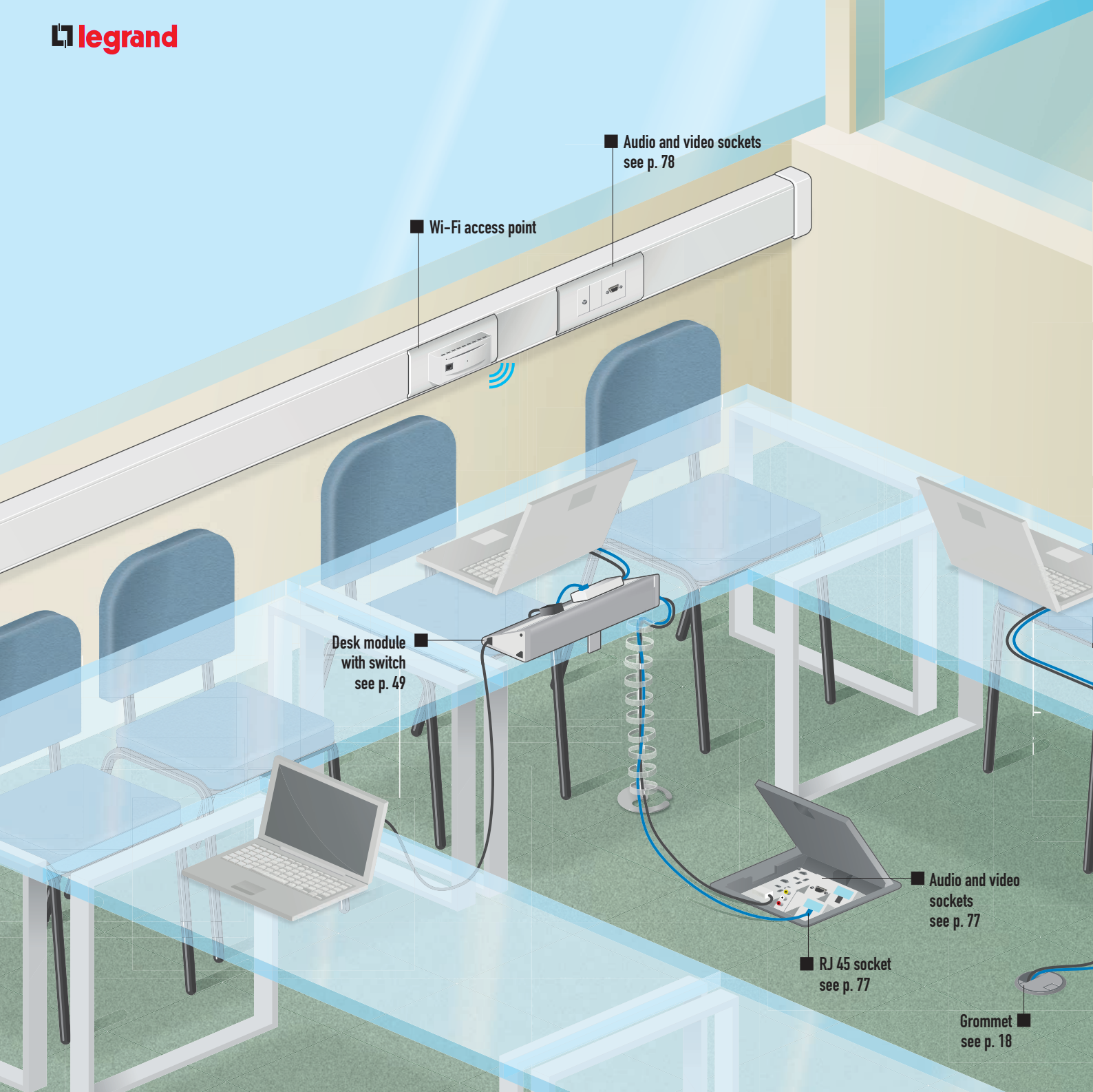
## Base plate of fixing for columns



## Wiring accessory supports

Cat.Nos	Number of modules	Dimensions (mm)	
		Length	Width
307 78 310 65	4 modules	215	61
307 79 310 66	8 modules	325	61
307 80 310 67	12 modules	415	61





■ Wi-Fi access point

■ Audio and video sockets  
see p. 78

■ Desk module  
with switch  
see p. 49

■ Audio and video  
sockets  
see p. 77

■ RJ 45 socket  
see p. 77

■ Grommet  
see p. 18



## ARTEOR WIRING DEVICES

One full range offering specific functions for offices and covering all needs for power, data, voice, and image distribution. Arteor mechanisms can be fitted on any type of Legrand cable management system, from floor boxes to DLP wall trunking, columns and mini-columns or desktop modules.



■ Mini-column  
see p. 57



➤ ARTEOR  
For complete  
range please  
consult us.

**OTHER SOLUTIONS**

- Raised access floor systems see page 2-23
- Flush floor system see page 24-29
- Screed floor system see page 30-37
- Wall and ceiling systems see page 58-73
- Floor boxes see page 74-79  
and other connection points

# Arteor™

British standard socket outlets RCB0 and MCB



# Arteor™

telephone sockets



Mechanisms supplied with cover plates  
For integration in floor boxes, desktop multi outlet extensions, supports for columns, mini-columns and DLP trunking

Mechanisms supplied with cover plates  
For integration in floor boxes (p. 40), desktop multi outlet extensions, supports for columns, mini-columns and DLP trunking

Pack	Cat.Nos	Modular units socket outlets
10	White 5721 10   Magnesium 5726 10	<b>5 A</b> Shuttered for child safety Conform to BS 546 2P+E 2 modules 22.5 x 45 mm 
10	5721 11   5726 11	<b>13 A</b> Conform to BS 1363 Part 2 2P+E ASTA licence 2 modules 22.5 x 45 mm 
5	5721 30   5726 30	2P+E switched ASTA licence 3 modules 22.5 x 45 mm 
5	Red 5724 67	2P+E switched - dedicated non standard pin 3 modules 22.5 x 45 mm 
5	White 5721 32   Magnesium 5726 32	<b>15 A</b> Conform to BS 546 2P+E switched 3 modules 22.5 x 45 mm 

Pack	Cat.Nos	RJ 11 and RJ 12 sockets
10	White 5723 00   Magnesium 5728 00	Equipped with modular Jack connector with 1/4 turn terminal for fast connection (possible looping) <b>RJ 11</b> 4 contacts 1 module 22.5 x 45 mm 
10	5723 13   5728 13	4 contacts 2 modules 22.5 x 45 mm 
10	5723 12   5728 12	<b>RJ 12</b> 6 contacts 2 modules 22.5 x 45 mm 

Pack	Cat.Nos	German standard socket outlets 16 A
10	5 721 18 <sup>1</sup>	2P+E shuttered for child safety 2 modules <ul style="list-style-type: none"> <li>○ White</li> <li>● Magnesium</li> <li>● Red tamper-proof</li> <li>● Dedicated green</li> <li>● Dedicated orange</li> </ul>
10	5 726 18 <sup>1</sup>	
10	5 724 63 <sup>1</sup>	
10	5 724 62 <sup>1</sup>	
10	5 724 60 <sup>1</sup>	

Pack	Cat.Nos	Multistandard socket outlets
10	<b>NEW</b> 5 721 23 <sup>1</sup> 5 726 23 <sup>1</sup>	<b>2P+E unswitched - shuttered for child safety - 2 modules</b> ○ White ● Magnesium 
10		<b>2P+E switched - shuttered for child safety - 3 modules</b> ○ White ● Magnesium 
5	5 721 35 <sup>1</sup> 5 726 35 <sup>1</sup>	2P+E unswitched - shuttered for child safety - 2 modules ○ White ● Magnesium 
5		2P+E switched - shuttered for child safety - 3 modules ○ White ● Magnesium 

## Arteor™

10 Giga, Cat. 6 and Cat. 5e data sockets



5723 06



5728 16



5728 02



5723 15



5 720 78



5 720 71

Mechanisms supplied with cover plates  
 For integration in floor boxes, desktop multi outlet extensions, supports for columns (p. 68), mini-columns and DLP trunking Certified as conforming to standards ISO 11801 ed. 2.0, EN 50173-1 and EIA/TIA 568  
 Contacts marked with 568 A and B dual colour code and numbers  
 Connectors with self-stripping terminals  
 Possibility of re-wiring in the event of error  
 Multidirectional cable entry

Average charging time for devices equipped with lithium-ion polymer batteries:  
 - 80 % charged < 2 h  
 - 100 % charged < 4 h  
 No specific constraint: no need to wait for the battery to be flat before charging it, or to have it fully charged before use

Pack	Cat.Nos		<b>RJ 45 - tool-less system</b>
			Rapid connection sockets, no tool required
			<b>10 Giga</b>
			Supports 10 G base-T applications up to 100 m in a channel conforming to ISO/IEC TIA TSB 155 and IEEE 802.3an
10	White 5723 06	Magnesium 5728 06	STP/FTP - 9 contacts, shielded folded metal 1 module 22.5 x 45 mm
10	5723 23	5728 23	<b>Cat. 6</b> STP - 9 contacts, shielded folded metal 1 module 22.5 x 45 mm
10	5723 17	5728 17	STP - 9 contacts, shielded folded metal 2 modules 22.5 x 45 mm
10	5723 02	5728 02	UTP - 8 contacts 1 module 22.5 x 45 mm
10	5723 14	5728 14	UTP - 8 contacts 2 modules 22.5 x 45 mm

Pack	Cat.Nos	<b>USB power supplies</b>
		For recharging portable devices Conform to IEC 62684-2011-01 Consumption in passive mode < 0.3 W 2P+E tap-off connection via 2.5 mm <sup>2</sup> screw terminals Supplied cordless
5 1	5 720 78 5 725 78	<b>Double USB sockets - 5 V - 1500 mA</b> For fast-charging telephones, smartphones, MP3/MP4 players and tablet PC 2 modules <input type="radio"/> White <input type="radio"/> Magnesium
10 10	5 720 71 5 725 71	<b>Single USB sockets - 5 V - 750 mA</b> For Smartphone 1 module <input type="radio"/> White <input type="radio"/> Magnesium



For complete Arteor catalogue

please consult us

# Arteor™ audio and video sockets

square version



Mechanisms supplied with cover plates  
For integration in floor boxes, desktop multi outlet extensions, supports for columns ,mini-columns and DLP trunking

Pack	Cat.Nos	<b>Female HD 15 sockets</b>
1	5 722 79	For transmitting analogue video streams between a source (computer) and a compatible receiver (plasma screen, LCD screen, video projector, etc) VGA, XGA or UXGA definition depending on the computer's graphics card <b>Solder connection - 1 module</b> ○ White ● Magnesium
1	5 727 79	
1	5 722 82	<b>Connection on screw terminals - 2 modules</b> ○ White ● Magnesium
1	5 727 82	
1	5 720 97	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 97	

Pack	Cat.Nos	<b>Female HD 15 sockets + jack 3.5 mm</b>
1	5 722 88	Can be used to create full pin (15-pin) VGA links for a PC monitor, plasma screen etc, and audio links from a portable source <b>Connection on screw terminals - 2 modules</b> ○ White ● Magnesium
1	5 727 88	

Pack	Cat.Nos	<b>Female Jack 3.5 mm sockets</b>
1	5 722 78	For establishing audio links from a portable source <b>Solder connection - 1 module</b> ○ White ● Magnesium
1	5 727 78	
1	5 722 74	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 727 74	
1	5 720 91	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 91	

Pack	Cat.Nos	<b>HDMI sockets</b>
1	5 722 81	Used to transmit High-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma, LCD, etc) Can be used with HDMI cords and cables (p. 401) <b>Connection on screw terminals - 2 modules</b> ○ White ● Magnesium
1	5 727 81	
1	5 720 96	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 96	

Pack	Cat.Nos	<b>Display port sockets</b>
1	5 720 90	For transmitting high-definition digital audio/video streams between a source (HD-DVD drive, computer, etc) and a compatible receiver (plasma screen, LCD screen, etc) <b>Preconnected - 1 module</b> Equipped with a 15 cm cord ○ White ● Magnesium
1	5 725 90	



## Arteor™ audio and video sockets square version (continued)

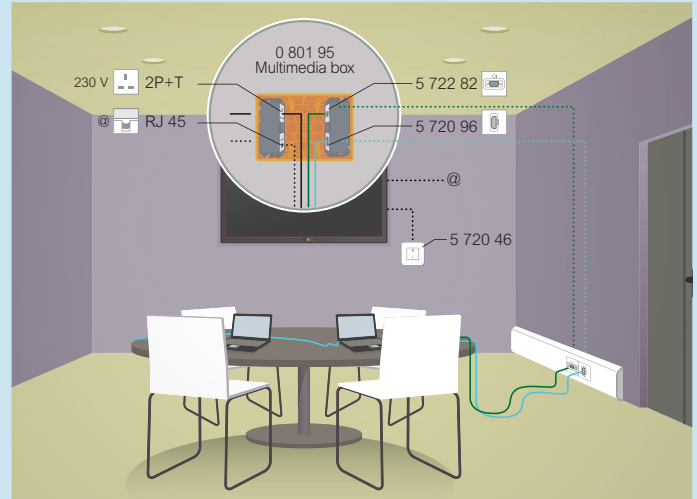


Pack	Cat.Nos	2 x female RCA sockets
1	5 722 72	Provide the link for any peripheral device such as a DVD player, camera, video recorder, etc. For stereo audio link
1	5 727 72	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 720 92	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord
1	5 725 92	○ White ● Magnesium
1	5 722 73	<b>3 x female RCA sockets</b> Provide the link for any peripheral device such as a DVD player, camera, video recorder, etc. For composite video and stereo audio link
1	5 727 73	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 720 93	<b>Preconnected - 1 module</b> Equipped with a 15 cm cord
1	5 725 93	○ White ● Magnesium
1	5 722 71	<b>YUV sockets</b> Provides the high definition analogue video link for a DVD, PC monitor, plasma screen, etc
1	5 727 71	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 744 01	<b>S-video sockets (4-pin mini-DIN)</b> Provides the YC video link for any peripheral device such as a DVD drive, camera, video recorder, videoconferencing, etc
1	5 744 51	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium
1	5 722 76	<b>Female BNC 75 sockets</b> Provides the high definition analogue video link for a camera, plasma screen, etc
1	5 727 76	<b>Connection on screw terminals - 1 module</b> ○ White ● Magnesium

## Arteor™ audio and video sockets

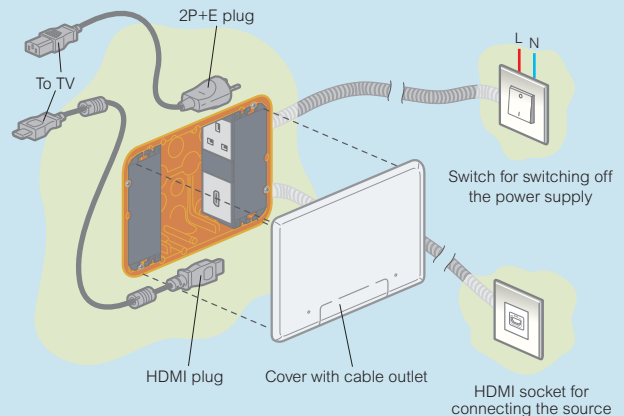
### ■ Projection onto flat screen with Batibox multimedia box

Multi-material box for fixing or mounting on hollow partitions  
Enables the screen to be flush-mounted with no cords showing  
Eg: with analogue and digital audio and video distribution via VGA and HDMI cords



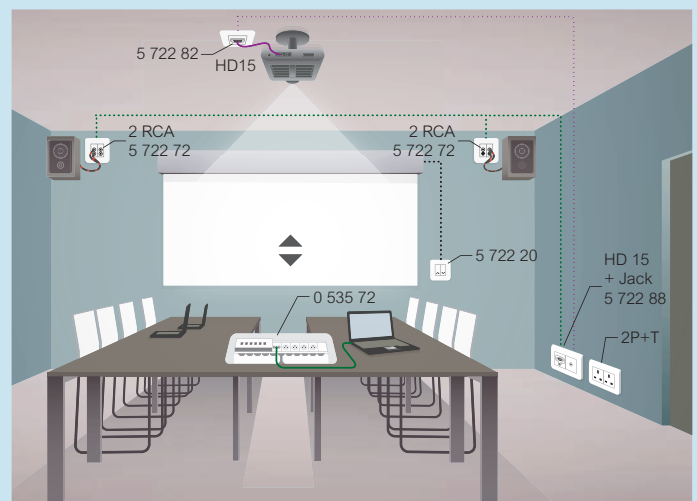
### ■ Batibox multimedia box for link between source and screen

Eg: with box Cat.No 0 801 93



### ■ Projection via video projector onto mobile screen

Eg: with cabled analogue audio and video distribution



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10464	66	16	30011	53	10	54018	450	1	572071	77	10	620454	63	6
70	67	8	12	53	10	20	50	1	78	77	5	55	64	6
10522	66	20	18	53	10	21	50	1	90	78	1	58	62	6
82	66	24	19	53	10	23	50	1	91	78	1	620509	63	6
10602	66	10	91	53	20	54690	49	1	92	78	1	22	63	6
6	67	5	93	53	36	91	49	1	97	78	1	620610	63	5
22	66	10	30700	72	1	92	49	1	572110	76	10	18	62	5
35	67	5	3	72	1	99	49	1	11	76	10	29	62	5
82	66	50	7	72	1	<b>5000 00</b>			23	77	10	620630	64	5
92	66	20	8	72	1	88061	40	1	572460	76	10	43	62	5
10702	66	20	9	72	1	88062	40	1	62	76	10	44	62	5
11	67	5	29	57	1	64	40	1	63	73	10	65	63	2
36	67	5	42	57	1	69	40	1	572571	77	10	66	63	2
63	67	5	78	72	1	89604	41	1	78	77	10	67	64	2
85	66	10	79	72	1	34	40	1	90	78	1	620710	63	5
92	67	2	80	72	1	39	40	1	91	78	1	13	64	5
10802	66	10	31065	72	1	83	40	1	92	79	1	14	62	5
10992	67	20	66	72	1	84	40	1	93	79	1	57	63	2
93	67	1	67	72	1	85	40	1	97	78	1	59	64	2
94	67	20	32800	53	20	86	40	1	572610	76	10	620816	62	5
96	67	10	2	53	5	87	40	1	11	76	10	17	62	5
98	67	10	3	53	10	88	40	1	18	76	10	26	62	5
11100	68	8	5	53	1	<b>5000 00</b>			23	76	10	27	62	5
4	69	4	<b>500 00</b>			30	76	5	30	76	5	29	62	5
8	68	24	53560	48	20	572071	77	10	32	76	5	46	62	5
11	68	16	61	48	20	78	77	5	35	76	5	47	63	5
58	68	20	62	48	20	90	78	1	572771	79	1	48	64	5
61	69	5	63	48	10	91	78	1	72	79	1	689622	41	1
63	68	10	64	48	10	92	78	1	73	79	1	23	41	1
66	68	20	65	48	10	93	79	1	74	78	1	30	42	5
88	68	20	54000	50	1	96	78	1	76	79	1	31	42	5
92	68	20	01	50	1	97	78	1	78	78	1	32	42	5
11212	69	20	02	50	1	572110	76	10	79	78	1	33	42	5
13	69	1	03	50	1	11	76	10	81	78	1	38	18	1
14	69	20	05	50	1	18	76	10	82	78	1	40	42	5
16	69	10	06	50	1	30	76	10	88	78	1	41	42	5
18	69	10	07	50	1	32	76	10	572800	76	10	42	42	5
21	68	1	08	50	1	23	76	10	2	77	10	43	42	5
29	69	1	10	50	1	35	76	10	6	77	10	51	41	1
32	68	1	11	50	1	572271	79	1	12	76	10	52	41	1
40	69	1	12	50	1	72	79	1	13	76	10	55	41	1
43	68	10	13	50	1	73	79	1	14	77	10	56	41	1
47	69	2	15	50	1	74	78	1	17	77	10	62	43	12
51	69	5	16	50	1	76	79	1	23	77	10	64	43	3
56	69	5	17	50	1	78	78	1	574401	79	1	66	43	4
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73	43	12	80	18	1	8415000	10	64	<b>SLAB</b>					
74	43	12	81	18	1	30	10	30	SLAB	18	1			
75	43	12	82	18	1	40	10	1	<b>SP40</b>					
76	43	4	83	18	1	<b>IAB0000</b>								
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6	32	27	86	18	1	<b>IAC0000</b>								
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24	32	10	20	6	6	JF0000	14	1	<b>YW0000</b>					
25	32	25	30	6	6	<b>JP0000</b>			YW0000	14	1			
26	32	5	40	6	6	JP0000	14	1						
29	32	5	50	6	6	<b>YF0000</b>								
30	32	40	60	6	20	YF0000	14	1						
31	32	10	60	6	1	<b>YF0000</b>								
32	32	1	61	6	1	YF0000	14	1						
33	32	1	8403700	6	120	<b>YF0000</b>								
34	32	15	20	6	20	<b>YF0000</b>								
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68	26	10	82	8	2	<b>YF0000</b>								
69	26	1	83	8	1	<b>YF0000</b>								

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