



Better Cable Management

SOLUFLEX COMPUTER FLOORING

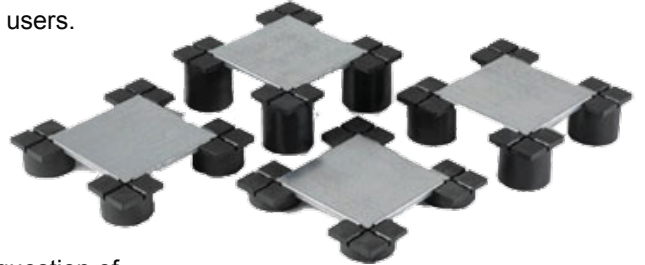




Soluflex cable floor system

BETTER CABLE MANAGEMENT

Soluflex, is much more than just a raised floor. This innovative new system integrates low-level flooring with market leading cable management solutions. All cables for power, data, and telecoms can be structured in a logical, ready to use layout that remains hidden to end users.



Quick and easy installation

You don't have to be a flooring expert to install Soluflex. It's simply a question of placing supports on the floor and then clicking the durable steel tiles into place (without the need for glue or fixings). Once the floor has been laid, the required cabling and connections can be installed between the supports by removing the relevant tiles until cabling is complete. The finished installation can then be covered with any type of floor covering...carpet tiles, rubber, stone or wood. And if the office layout changes, or even relocates, Soluflex can be reconfigured and re-used.

Freedom of design

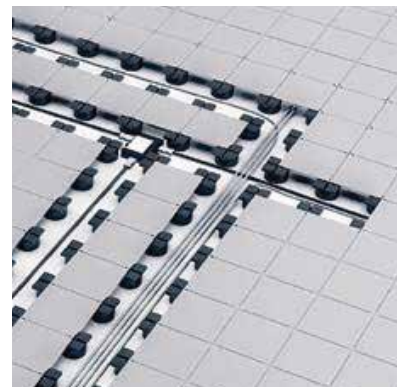
Soluflex creates well organised, multifunctional rooms where users will always have enough connection points. At the design stage, it's no longer necessary to keep track of the connection points for power and data. The cabling can be installed anywhere under the entire floor and the location of connections can be determined at any stage.



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.

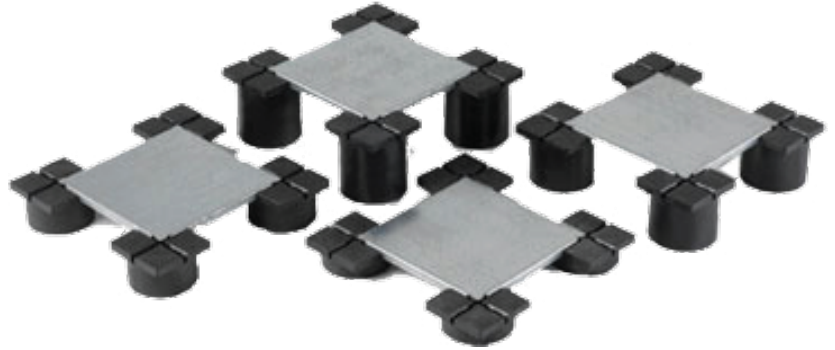
Soluflex... paving the way with integrated cable management





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Save time. Save money

Soluflex offers considerable time-saving as floors and cables can be installed virtually simultaneously. The supports and tiles are wear-resistant, offering long-term savings. Adding or restructuring connection points can be done in a matter of minutes, without cutting or breaking cables... often without the need to shut down power or data.

Ideal for renovation

Ideal for use in existing buildings, Soluflex's non-invasive installation technique avoids damaging historic floors and includes a specially developed, ultra-low 37 mm system...the perfect lightweight solution to bring older buildings into the 21st century without compromising floor to ceiling height.

Combining cable management and flooring has never been easier.

Choose from four low-level access flooring systems that can be instantly reconfigured to meet changing power and data needs.

Soluflex : 37 mm

Ideal for refurbishment where floor to ceiling space is limited. The 37 mm version has been developed with renovation in mind...allowing old buildings to be brought up-to-date without affecting their traditional feel. The system enables all cabling to be installed in a compact void. Power can be accessed from specially designed, flush mounting socket outlets, or by using cable snakes and power poles that are fed directly with power and data cables from under the floor.

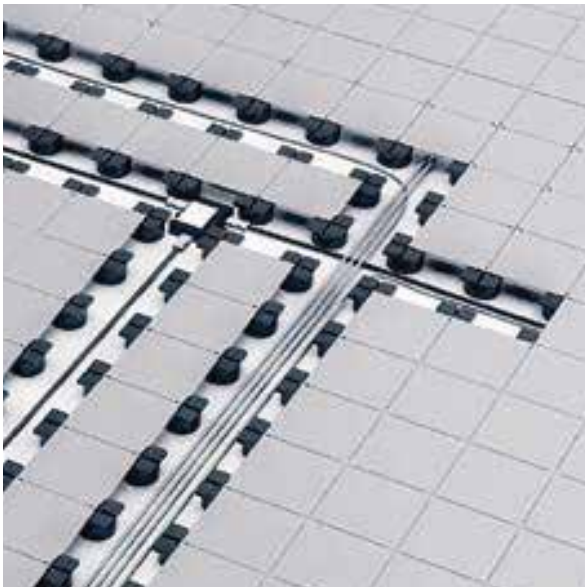
Soluflex : 60 mm

Low level floor with under floor power access. In addition to the power and data solutions associated with the shallowest system, the 60 mm system also incorporates a twin socket outlet that allows electrical devices to be connected under the floor. With a wide range of under floor and surface mounted accessories, power, data and telecoms can be configured to meet bespoke requirements and can also be ordered from a selection of pre-wired options.

Soluflex : 90 and 120 mm

Increased cabling space, maximum options. The 90 mm and 120 mm systems include enough room for bulk cabling and outlet units. Various floor boxes are available in prewired and configurable formats to include any combination of power, data and even RCD protection. Built-in tiles are available to accept floor boxes. As with all the systems, there is also a wide selection of surface mounted options for power and data.

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

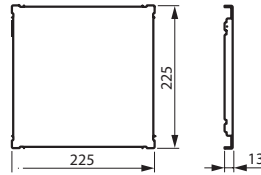


BETTER CABLE MANAGEMENT

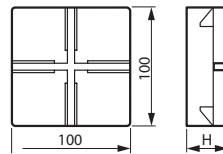
- Start with a dry, clean and level sub-floor that is suitable for laying normal carpet. If the floor does not meet these requirements, level it first
- Start in the corner of the room and click the tiles into the supports. Leave a 10 mm gap between the wall and tile to allow for expansion. Continue 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 m² 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

Dimensions

Tile Cat.No 84000 10

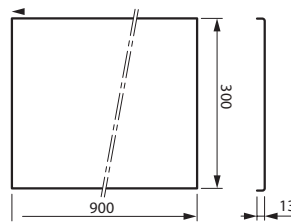


Support

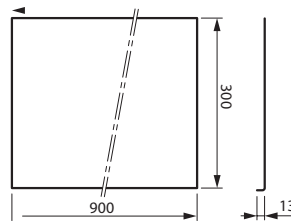


Cat.Nos	H (mm)
84037 00	35
84060 00	58
84090 00	88
84120 00	118

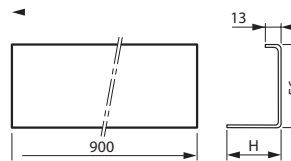
Double edge plate Cat.No 84000 60



Single edge plate Cat.No 84000 61

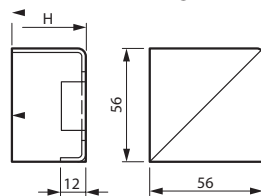


Plenum sealing



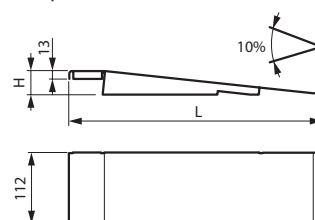
Cat.Nos	H (mm)
84037 20	37
84060 20	60
84090 20	90
84120 20	120

Plenum exterior angle



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

Ramp



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

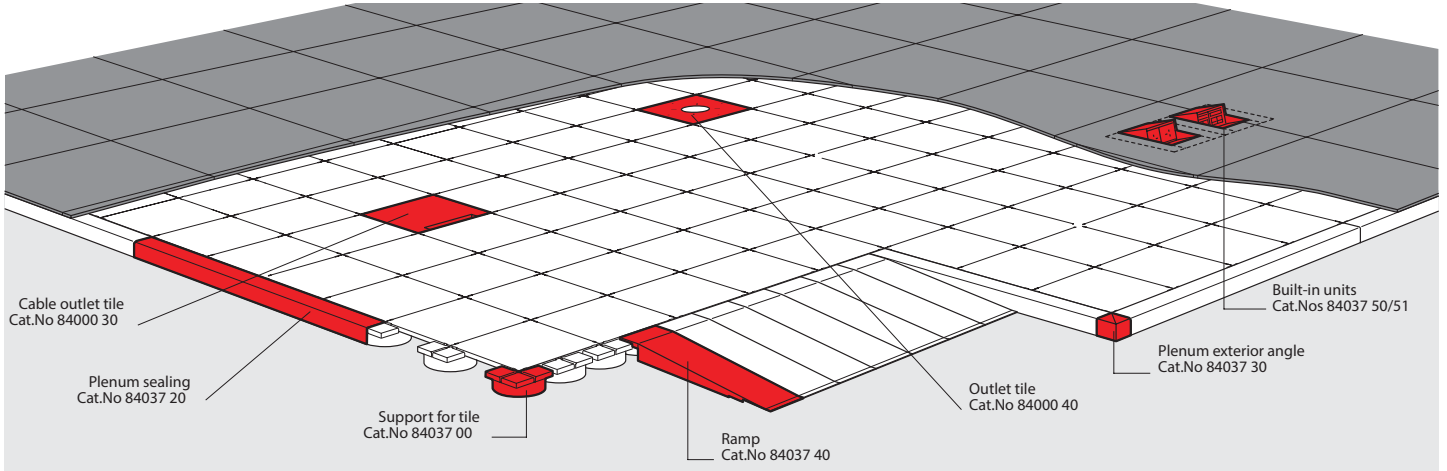
Cable routes



Completed Soluflex installation



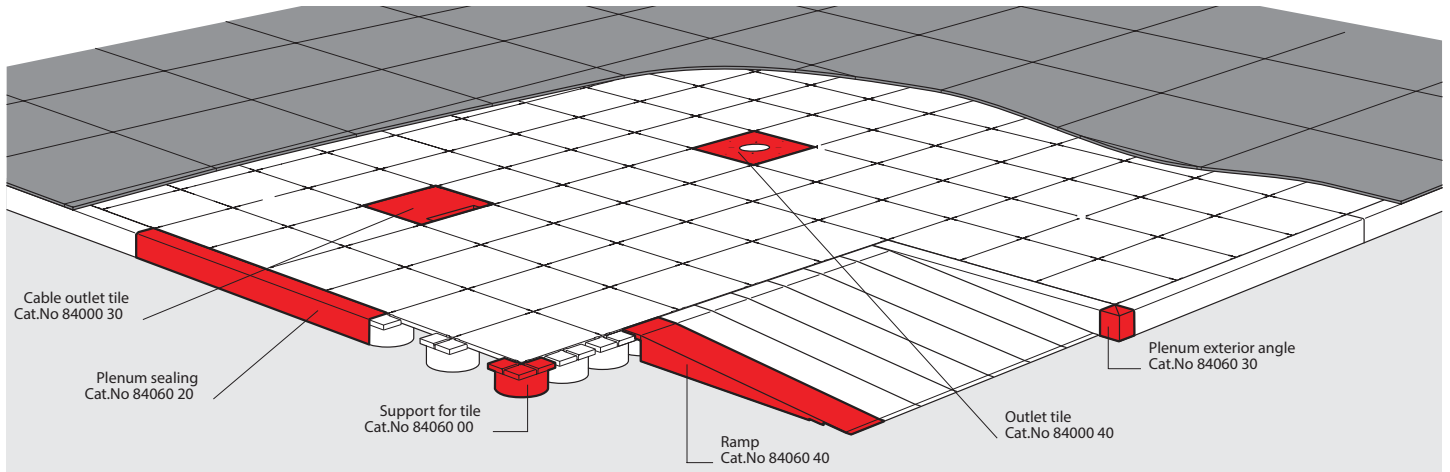
BETTER CABLE MANAGEMENT



Selection chart (p. 4-5)
 Technical characteristics (p. 10 to 13)

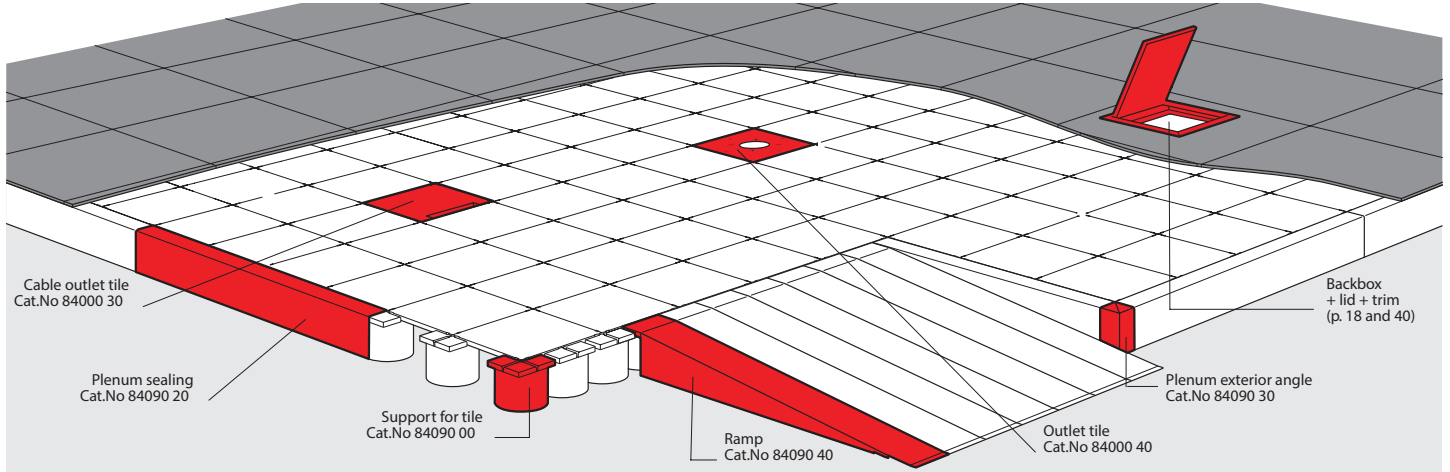
Pack	Cat.Nos	Floor parts		Pack	Cat.Nos	Floor parts (continued)	
1	84000 10	Tile 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84037 00		1	81902 32	Chromed outlet grommet For cable access to work station To be used with outlet tile Cat.No 84000 40	
1	84037 00	Support for tile 100 x 100 mm support Height 37 mm With 2 grooves for tiles positioning Black - polypropylene		1	84000 40	Outlet tile 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	Edge plates Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised		1	84000 50	Fixing brackets 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		1	84037 50	Built-in units to be equipped 225 x 225 mm Height 37 mm (accessory outlet rises to 71 mm) Pre-galvanised	
1	84037 20	Single edge plate 1 flange of 13 mm		1	84037 51	For 2 x 13 A Arteor socket outlets Provided with connection terminal and strain relief	
1	84037 20	Plenum sealing For edging the floor to create a step Length 900 mm, width 56 mm Height 37 mm Pre-galvanised		1	84037 51	For up to 4 x 1 module Arteor data sockets	
1	84037 30	Plenum exterior angle 56 x 56 mm Use in conjunction with Cat.No 84037 22 Pre-galvanised		1	535 97	Cable spine Very suitable solution for a safe and design protection of the cabling between desk and floor 2 compartments Length: 770 mm - Ø70 mm Translucid	
1	84037 40	Ramp Length 400 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised					
1	84000 20	Earthing tile 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm ² Use 1 tile per 100 m ² or in hallways max. 14 m apart					
1	84000 30	Cable outlet tile 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					

BETTER CABLE MANAGEMENT



Pack	Cat.Nos	Floor parts		Pack	Cat.Nos	Floor parts (continued)	
1	84000 10	Tile 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	Chromed outlet grommet For cable access to work station To be used with outlet tile Cat.No 84000 40	
1	84060 00	Support for tile 100 x 100 mm support Height 60 mm With 2 grooves for tiles positioning Black - polypropylene		1	84000 40	Outlet tile 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	
		Edge plates Used to finish installation against wall Length 900 mm, width 300 mm Trim to size on site Pre-galvanised		1	84000 50	Fixing brackets For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised	
1	84000 60	Double edge plate 2 flanges of 13 mm				Fully submerged units to be equipped Pre-galvanised To be combined with cable outlet tile Cat.No 84000 30	
1	84000 61	Single edge plate 1 flange of 13 mm		1	84060 72	For 2 x 13 A Arteor socket outlets Provided with connection terminal	
1	84060 20	Plenum sealing For edging the floor to create a step Length 900 mm, width 56 mm Height 60 mm Pre-galvanised		1	84060 73	For 2 x Arteor data sockets	
1	84060 30	Plenum exterior angle 56 x 56 mm Use in conjunction with Cat.No 84060 22 Pre-galvanised		1	535 97	Cable spine Very suitable solution for a safe and design protection of the cabling between desk and floor 2 compartments Length: 770 mm - Ø70 mm Translucid	
1	84060 40	Ramp Length 616 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised					
1	84000 20	Earthing tile 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm ² Use 1 tile per 100 m ² or in hallways max. 14 m apart					
1	84000 30	Cable outlet tile 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					

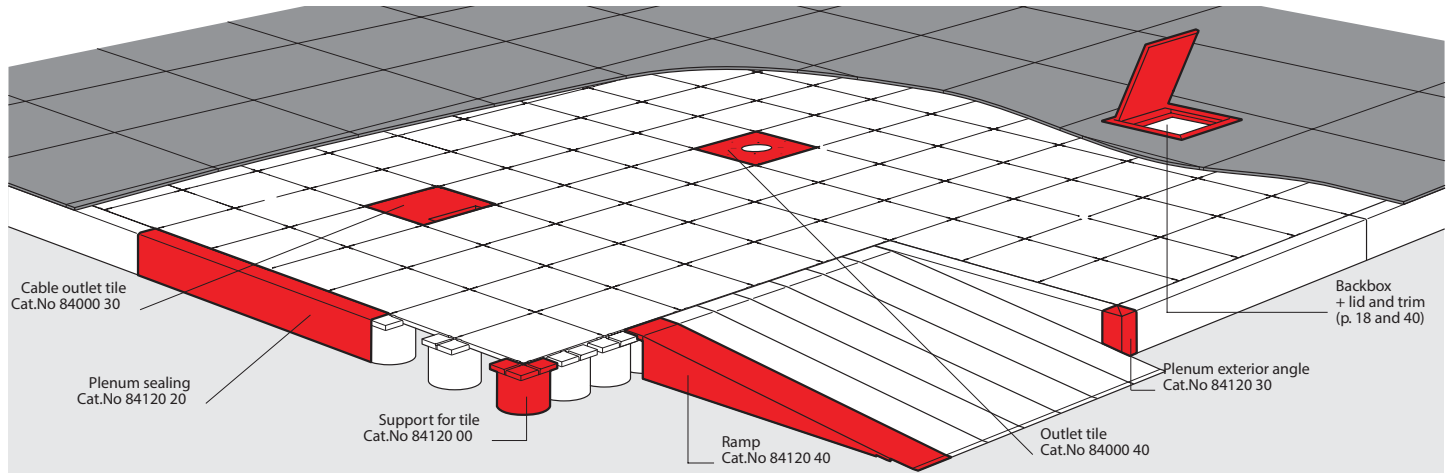
BETTER CABLE MANAGEMENT



Pack	Cat.Nos	Floor parts
1	84000 10	Tile 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84090 00
1	84090 00	Support for tile 100 x 100 mm support Height 90 mm With 2 grooves for tiles positioning Black - polypropylene
		Edge plates 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	Plenum sealing For edging the floor to create a step Length 900 mm, width 56 mm Height 90 mm Pre-galvanised
1	84090 30	Plenum exterior angle 56 x 56 mm Use in conjunction with Cat.No 84090 22 Pre-galvanised
1	84090 40	Ramp Length 898 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised
1	84000 20	Earthing tile 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm ² Use 1 tile per 100 m ² or in hallways max. 14 m apart
1	84000 30	Cable outlet tile 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	Chromed outlet grommet For cable access to work station To be used with outlet tile Cat.No 84000 40
1	84000 40	Outlet tile 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 50	Fixing brackets For mounting columns on floor with outlet tile Cat.No 84000 40 Pre-galvanised
1	84090 84	Flip-up floor boxes tile 225 x 225 mm For flip-up boxes (p. 47) Pre-galvanised
1	84090 82	Floor box tile 450 x 450 mm For lid + trim assemblies (p. 40) Pre-galvanised
1	84090 83	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	535 97	Cable spine Very suitable solution for a safe and design protection of the cabling between desk and floor 2 compartments Length: 770 mm - Ø70 mm Translucid

BETTER CABLE MANAGEMENT



Pack	Cat.Nos	Floor parts	
1	84000 10	Tile 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections Can be positioned on supports Cat.No 84120 00	
1	84120 00	Support for tile 100 x 100 mm support Height 120 mm With 2 grooves for tiles positioning Black - polypropylene	
		Edge plates 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	84120 20	Plenum sealing For edging the floor to create a step Length 900 mm, width 56 mm Height 120 mm Pre-galvanised	
1	84120 30	Plenum exterior angle 56 x 56 mm Use in conjunction with Cat.No 84120 22 Pre-galvanised	
1	84120 40	Ramp Length 1181 mm, width 112 mm Ramp 10 % Include 1 extra support per tile Pre-galvanised	
1	84000 20	Earthing tile 225 x 225 mm pre-galvanised earthing tile Supplied with 4 contact/distance projections Earthing clamp max. 6 mm ² Use 1 tile per 100 m ² or in gangways max. 14 m apart	
1	84000 30	Cable outlet tile 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	

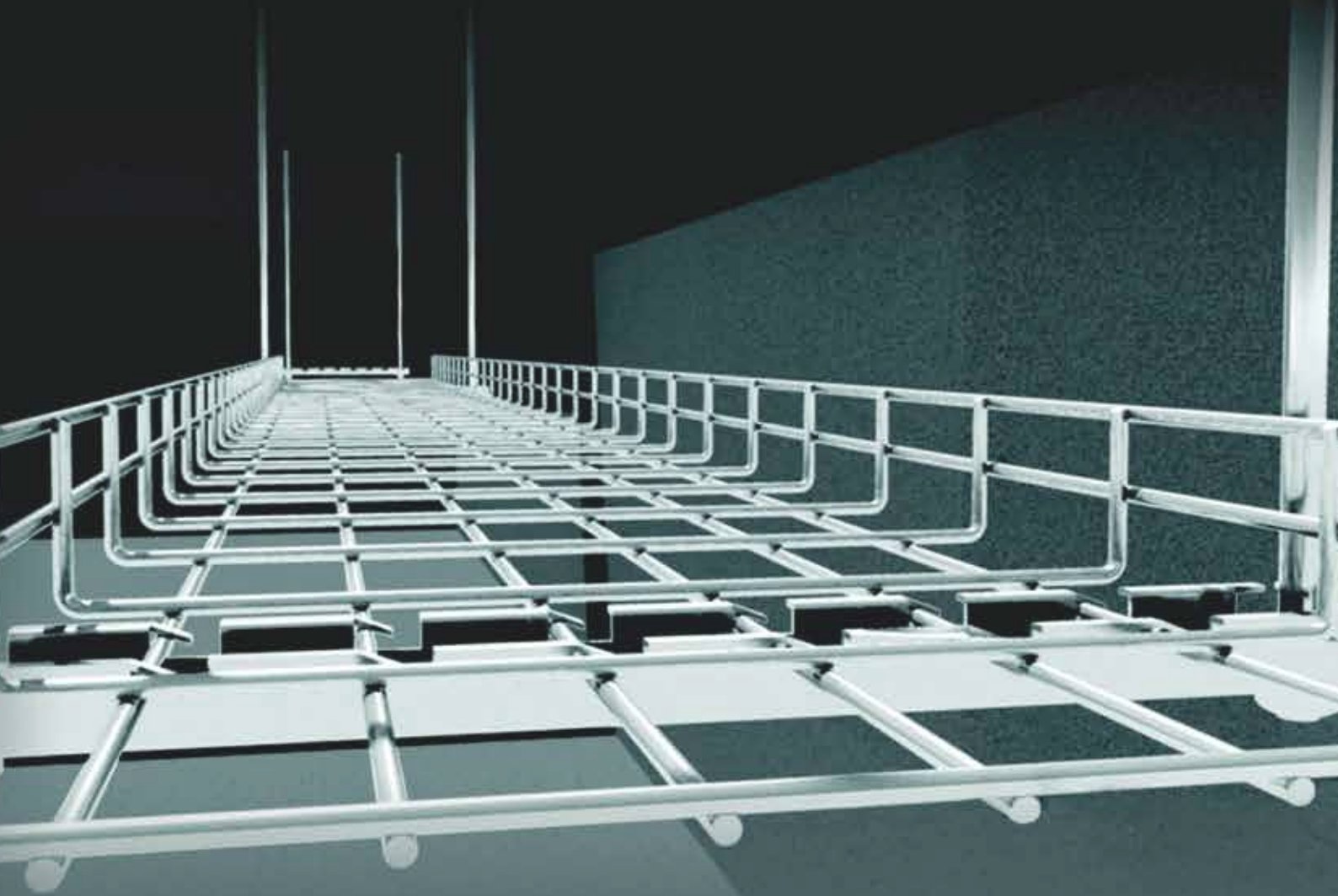
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1	84000 40	Outlet tile 225 x 225 mm pre-galvanised tile Supplied with 4 contact/distance projections For integration of columns, pedestals+cable spine (contact us) or chrome outlet grommet Cat.No 81902 32	
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1	535 97	Cable spine Very suitable solution for a safe and design protection of the cabling between desk and floor 2 compartments Length: 770 mm - Ø70 mm Translucid	

NOTES



Manage Cables Better

MANAGE CABLES BETTER WITH PROMESH



Better Cable Management



Better Cable Management

Cableaway Pty Ltd
Unit 8, 15 McPherson Road, Smeaton Grange NSW 2567
ph: 02 8006 4244 fax: 02 4647 2050
www.cableaway.com.au