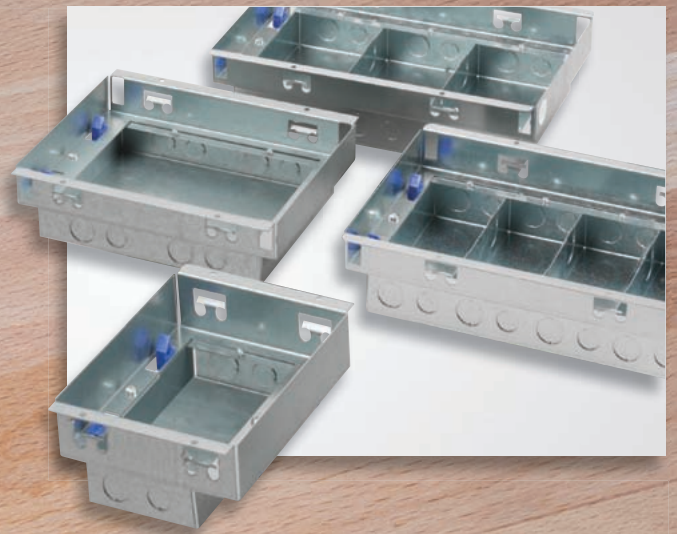


# NEW cavity floor boxes... building on success

Legrand's new range of cavity floor boxes offer a modular product that is simpler to order. Components are sold separately enabling any configuration to be accommodated on site.

Available in 1, 2, 3 and 4 compartments and three depths - the new range has been developed with a host of special features:

- Rapid fit and remove mechanism
- Reversible lid
- Push fit detail to secure base in the floor
- 1 compartment floor box is designed to better accommodate moulded plugs



Full range of module and accessory plates



Bespoke metal trims are available in any RAL reference to suit a building's design scheme



Reversible lid

2 cable outlets with sponge foam to prevent ingress

Rapid fit/remove mechanism adjusts for flooring thickness

Durable ABS trim and lid surround

Full range of power and data module plates

20mm and 25mm knockouts

Removable base for easy wiring

Inter-compartment knockouts

Rapid fit push lock secures base in floor aperture

# cavity floor service outlet boxes

## selection chart


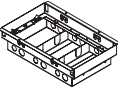
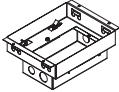
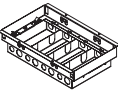
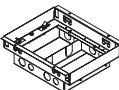
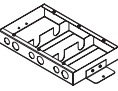
<b>No. of compartments</b>		
<b>Floor box base</b>		
<b>Depth</b>		Cavity floor box base 75 mm deep
		Cavity floor box base 85 mm deep
		Cavity floor box base 110 mm deep
<b>Socket outlet plates</b>		
<b>13 A standard</b>		13 A twin switched socket plate
		13 A twin unswitched socket plate
		13 A twin switched clean earth socket plate
		13 A triple unswitched socket plate
		13 A triple unswitched clean earth socket plate
<b>13 A non-standard</b>		13 A twin NS switched socket plate
		13 A twin NS unswitched socket plate
		13 A twin NS switched clean earth socket plate
<b>RCD</b>		2 gang RCD socket plate
		2 gang RCD socket plate – clean earth
<b>Data</b>		37 x 22 mm – 2 cut-out plate
		37 x 22 mm – 4 cut-out plate
		37 x 22 mm – 4 cut-out wave plate
		37 x 22 mm – 6 cut-out plate
		47.5 x 23.5 mm – 4 cut-out plate
<b>General</b>		2 x standard single outlet 60.3 mm
		Standard 2 gang outlet plate 120.6 mm
		50 x 50 mm – 1 cut-out plate
		50 x 50 mm – 2 cut-out plate
		Blank plate
		58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame <sup>(1)</sup>
		58 x 53.5 mm – 2 cut-out plate to accept 2 x Arteor mounting frames <sup>(1)</sup>
<b>Lids and trims</b>		
	ABS with carpet trim – 6 mm recess	
	Combination with edge trim – 6 mm recess	
	Metal, powder coated with carpet trim – 6 mm recess	
	Metal, powder coated with edge trim – 10 mm recess	
	Stainless steel with carpet trim – 6 mm recess	
	Stainless steel with edge trim – 10 mm recess	
	Brass with carpet trim – 6 mm recess	
	Brass with edge trim – 10 mm recess	

(1) For Arteor mounting frames, refer to the latest Wiring Devices catalogue

	1 compartment	2 compartment	3 compartment	4 compartment
	–	CAV275	CAV375	CAV475
	CAV185	CAV285	CAV385	CAV485
	–	CAV2110	CAV3110	CAV4110
	SP3201	SP3201	SP3201	SP4201
	SP3200	SP3200	SP3200	SP4200
	SP3211	SP3211	SP3211	SP4211
	SP3300	SP3300	SP3300	SP4300
	SP3310	SP3310	SP3310	SP4310
	SP3221	SP3221	SP3221	SP4221
	SP3220	SP3220	SP3220	SP4220
	SP3231	SP3231	SP3231	SP4231
	SP3202	SP3202	SP3202	SP4202
	SP3212	SP3212	SP3212	SP4212
	SP3203	SP3203	SP3203	SP4203
	SP3403	SP3403	SP3403	SP4403
	SP3404	SP3404	SP3404	SP4404
	SP3603	SP3603	SP3603	SP4603
	SP3408	SP3408	SP3408	SP4408
	SP3205	SP3205	SP3205	–
	SP3105	SP3105	SP3105	–
	SP3106	SP3106	SP3106	SP4106
	SP3206	SP3206	SP3206	SP4206
	SP3000	SP3000	SP3000	SP4000
	SP3107	SP3107	SP3107	SP4107
	SP3207	SP3207	SP3207	SP4207
	–	FBL2ABS	FBL3ABS	FBL3ABS
	–	FBL2COM	FBL3COM	FBL3COM
	FBL1MCT	FBL2MCT	FBL3MCT	FBL3MCT
	FBL1MET	FBL2MET	FBL3MET	FBL3MET
	FBL1SCT	FBL2SCT	FBL3SCT	FBL3SCT
	FBL1SET	FBL2SET	FBL3SET	FBL3SET
	FBL1BCT	FBL2BCT	FBL3BCT	FBL3BCT
	FBL1BET	FBL2BET	FBL3BET	FBL3BET




Cavity floor service outlet boxes selection chart (p. 10-11)  
Dimensions and technical information (p. 16)

Pack	Cat. Nos.	Cavity floor boxes	Pack	Cat. Nos.	Cavity floor boxes (continued)
1	CB3	<p><b>Contractor floor box</b></p> <p>Supplied empty Ready to accept standard BS two gang wiring accessories Additional mounting plates not required Recommended hole cut-out size : 302-304 mm x 219-221 mm 7 mm lid recess Standard depth : 85 mm 20/25 mm knockouts to each compartment Manufactured from pre-galvanised steel to BS EN 10142 and 3, and polycarbonate/ABS</p> <p>3 compartment contractor floor box</p> 	1 1 1	CAV375 CAV385 CAV3110	<p><b>3 compartment floor box base</b></p> <p>Recommended hole cut-out size : 340-342 mm x 203-205 mm</p> <p>75 mm deep 85 mm deep 110 mm deep</p> 
1	CAV185	<p><b>Floor box bases</b></p> <p>Supplied empty Lids and trims are detailed on p. 13 Outlet plates are detailed on p. 13</p> <p><b>1 compartment floor box base</b></p> <p>Recommended hole cut-out size : 165-167 mm x 203-205 mm</p> <p>85 mm deep</p> 	1 1 1	CAV475 CAV485 CAV4110	<p><b>4 compartment floor box base</b></p> <p>Recommended hole cut-out size : 340-342 mm x 203-205 mm</p> <p>75 mm deep 85 mm deep 110 mm deep</p> 
1 1 1	CAV275 CAV285 CAV2110	<p><b>2 compartment floor box base</b></p> <p>Recommended hole cut-out size : 263-265 mm x 203-205 mm</p> <p>75 mm deep 85 mm deep 110 mm deep</p> 	1 1 1	SLAB1 SLAB2 SLAB3 SLAB4	<p><b>Slab floor box</b></p> <p>1 compartment 2 compartment 3 compartment 4 compartment</p> 



**Cavity floor boxes and slab boxes are available pre-wired to tap-offs**

see p. 15



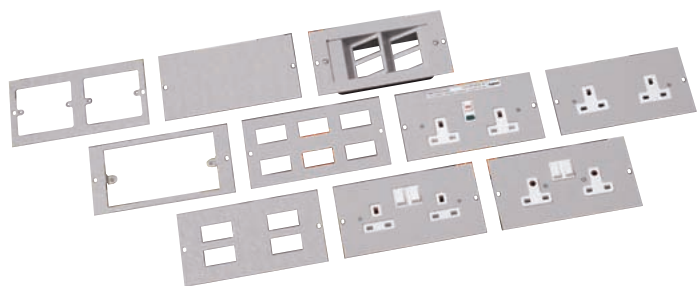
**Floor boxes with built-in RCD and RCBOs are also available**

Contact us on +44 (0) 870 608 9020

## outlet plates for floor boxes

power and data

**NEW**



*Dimensions and technical information (p. 16)*  
*Cavity floor outlet boxes selection chart (p. 10-11)*  
*Installation details (p. 17)*

Plates to fit 1, 2 and 3 compartment boxes are all 100 mm wide  
 4 compartment plates are 75 mm wide  
 Non-standard sockets have a round earth pin  
 Due to overall depth, RCD sockets and wave type data plates will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO/AFS)  
 When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring

Pack	Cat. Nos.		Power and data plates
	1, 2, 3 comp. 100 mm wide	4 comp. 75 mm wide	
			<b>13 A standard socket plates</b>
1	SP3201	SP4201	Twin switched
1	SP3200	SP4200	Twin unswitched socket plate
1	SP3211	SP4211	Twin switched clean earth
1	SP3300	SP4300	Triple unswitched
1	SP3310	SP4310	Triple unswitched clean earth
			<b>13 A non-standard socket plates</b>
1	SP3221	SP4221	Twin NS switched
1	SP3220	SP4220	Twin NS unswitched
1	SP3231	SP4231	Twin NS switched clean earth
			<b>RCD socket plates</b>
1	SP3202	SP4202	2 gang
1	SP3212	SP4212	2 gang – clean earth
			<b>Data plates</b>
1	SP3203	SP4203	37 x 22 mm – 2 cut-outs
1	SP3403	SP4403	37 x 22 mm – 4 cut-outs
1	SP3404	SP4404	37 x 22 mm – 4 cut-outs (wave plate)
1	SP3603	SP4603	37 x 22 mm – 6 cut-outs
1	SP3408	SP4408	47.5 x 23.5 mm – 4 cut-outs
			<b>General</b>
1	SP3205	-	2 x standard single outlet 60.3 mm
1	SP3105	-	Standard 2 gang outlet plate 120.6 mm
1	SP3106	SP4106	50 x 50 mm – 1 cut-out plate
1	SP3206	SP4206	50 x 50 mm – 2 cut-out plate
1	SP3000	SP4000	Blank plate
1	SP3107	SP4107	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame (Cat. No. 576016) <sup>(1)</sup>
1	SP3207	SP4207	58 x 53.5 mm – 2 cut-outs plate to accept 2 x Arteor mounting frames (Cat. No. 576016) <sup>(1)</sup>
			<b>Fasteners</b>
50	SPSCREW		M3.5 x 6 spare socket plate screws

(1) For Arteor mounting frames, refer to the latest Wiring Devices catalogue

## lids and trims for floor boxes

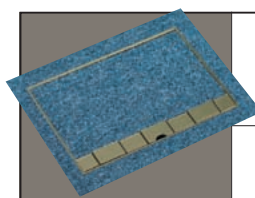
**NEW**



*Dimensions and technical information (p. 16)*  
*Cavity floor outlet boxes selection chart (p. 10-11)*  
*Installation details (p. 17)*

Moulded lids and trims are manufactured from durable ABS and feature a quick fit / release ratchet system  
 Carpet trim versions are supplied with a 6 mm carpet recess  
 Edge trim versions are supplied with a 10 mm recess  
 Metal trim versions are powder coated grey RAL 7024 matt as standard  
 Stainless steel is satin finish as standard  
 Brass is polished finish as standard

Pack	Cat. Nos.		Floor box lids and trims
	1 comp.	2 comp.	
			<b>1 and 2 compartment</b>
			<b>Carpet trim</b>
1	-	FBL2ABS	ABS
1	FBL1MCT	FBL2MCT	Metal – grey
1	FBL1SCT	FBL2SCT	Stainless steel
1	FBL1BCT	FBL2BCT	Brass
			<b>Edge trim</b>
1	-	FBL2COM	ABS lid/metal trim – ABS/grey
1	FBL1MET	FBL2MET	Metal – grey
1	FBL1SET	FBL2SET	Stainless steel
1	FBL1BET	FBL2BET	Brass
			<b>3 and 4 compartment</b>
			<b>Carpet trim</b>
1	-	FBL3ABS	ABS
1	-	FBL3MCT	Metal – grey
1	-	FBL3SCT	Stainless steel
1	-	FBL3BCT	Brass
			<b>Edge trim</b>
1	-	FBL3COM	ABS lid/metal trim – ABS/grey
1	-	FBL3MET	Metal – grey
1	-	FBL3SET	Stainless steel
1	-	FBL3BET	Brass



**Metal lids and trims can be powder coated to any RAL reference. Other options, such as lockable lids, are available to special order**

**Contact us on +44 (0) 870 608 9020**

# cavity floor grommets



0893 07



AM1C



LSG2

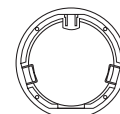



Dimensions and technical information (p. 16)

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 mm Ø 5 x 25 mm Ø 3 x 32 mm Ø
1	PG6	<b>13 A power grommet</b> Supplied complete with 13 A unswitched socket
1	PG6RCD	<b>RCD power grommet</b> Supplied complete with 13 A RCD socket
1	PG6PD	<b>13 A power/data grommet</b> Supplied complete with 13 A socket and 1 x 37 x 22 mm cut-out
1	PG6D	<b>Data grommet</b> Supplied complete with data plate 2 x 37 x 22 mm cut-out



Pack	Cat. Nos.	125 mm aluminium grommets
1	089307	Hole size 127 mm Body – cast aluminium Lid – injection moulded plastic Nylon 66 with neoprene cable gasket Secured by quarter-turn fasteners Floor depth 25 to 55 mm Access grommet depth 60 mm (95 mm when back box included)
		<b>Access grommet</b> Allows power, data and flexible conduit up to 25 mm to pass safely through raised access floor
1	AM1C	<b>13 A power grommet</b> Supplied complete with 13 A unswitched socket
1	LSG2	<b>250 mm grommet</b> Hole size 250 mm Manufactured from polycarbonate/ABS Colour : grey to BS 4800 18B25 Secured by quarter-turn fasteners Floor depth 15 to 35 mm 7 mm lid recess Depth 55 mm
		<b>Access grommet</b> Allows power, data and flexible conduit up to 32 mm to pass safely through raised access floor





**All power grommets are available pre-wired**

Refer to p. 15 for pre-wired Cat. Nos.

# pre-wired cavity floor boxes, slab boxes and grommets

**NEW**

## configuration table

The table below details the elements required to correctly order a pre-wired floor box, slab box or grommet  
Simply suffix the outlet unit Cat. No. with the relevant "PR" Cat. No. from the table  
Outlet options are detailed in the cavity floor box section and the tap-offs are detailed within the power track section, eg :

4 compartment cavity floor box, 110mm deep pre-wired with 2 x clean earth twin switched sockets to a CTO3F tap-off = CAV4110PR23  
3 compartment slab box, pre-wired with 1 x twin switched socket to a ST05F tap-off = SLAB3PR3



Tap-off Cat. Nos.	ST03U	ST03F	ST05F	CT03U	CT03F	CT05F
<b>1 x 13 A standard socket outlet</b>						
13 A twin switched socket plate	PR1	PR2	PR3			
13 A twin unswitched socket plate	PR4	PR5	PR6			
13 A twin switched clean earth socket plate				PR7	PR8	PR9
13 A triple unswitched socket plate	PR10	PR11	PR12			
13 A triple unswitched clean earth socket plate				PR13	PR14	PR15
<b>2 x 13 A standard socket outlets</b>						
13 A twin switched socket plate	PR16	PR17	PR18			
13 A twin unswitched socket plate	PR19	PR20	PR21			
13 A twin switched clean earth socket plate				PR22	PR23	PR24
13 A triple unswitched socket plate	PR25	PR26	PR27			
13 A triple unswitched clean earth socket plate				PR28	PR29	PR30
<b>1 x 13 A non-standard</b>						
13 A twin NS switched socket plate	PR31	PR32	PR33			
13 A twin NS unswitched socket plate	PR34	PR35	PR36			
13 A twin NS switched clean earth socket plate				PR37	PR38	PR39
<b>2 x 13 A non-standard</b>						
13 A twin NS switched socket plate	PR40	PR41	PR42			
13 A twin NS unswitched socket plate	PR43	PR44	PR45			
13 A twin NS switched clean earth socket plate				PR46	PR47	PR48
<b>1 x RCD</b>						
2 gang RCD socket plate	PR49	PR50	PR51			
2 gang RCD socket plate – clean earth				PR52	PR53	PR54
<b>2 x RCDs</b>						
2 gang RCD socket plate	PR55	PR56	PR57			
2 gang RCD socket plate – clean earth				PR58	PR59	PR60

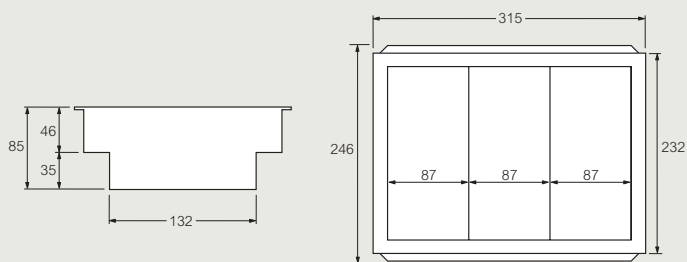
# cavity floor service outlet boxes and grommets

## technical information

### ■ Cavity floor service outlet boxes

#### Contractor floor box

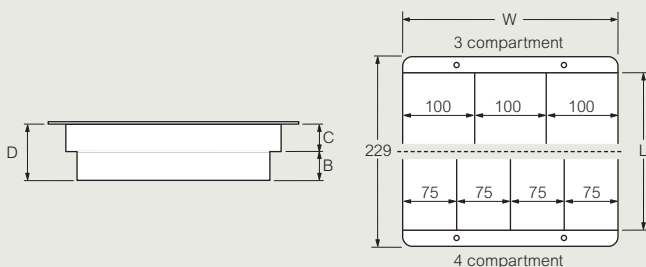
Cut-out 302-304 mm x 219-221 mm



	Cutout					
	D	B	C	W	L	Plate Size
CAV185	85	45	40	165	203	100
CAV275	75	35	40	263	203	100
CAV285	85	45	40	263	203	100
CAV2110	110	45	65	263	203	100
CAV375	75	35	40	340	203	100
CAV385	85	45	40	340	203	100
CAV3110	110	45	65	340	203	100
CAV475	75	35	40	340	203	75
CAV485	85	45	40	340	203	75
CAV4110	110	45	65	340	203	75

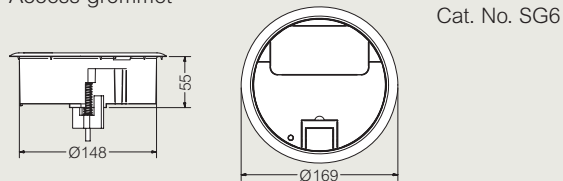
#### Floor box bases

Cat. Nos. CAV1, CAV2, CAV3 and CAV4

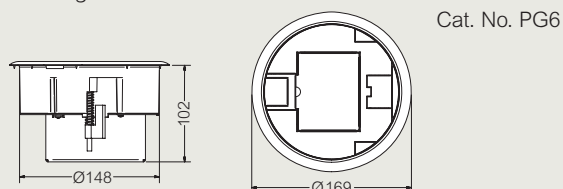


### ■ 150 mm plastic grommets

Access grommet

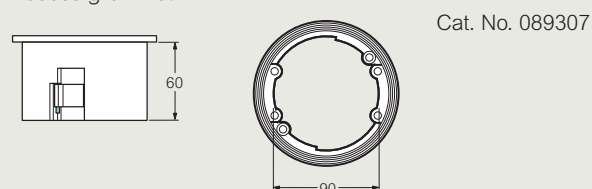


Power grommet

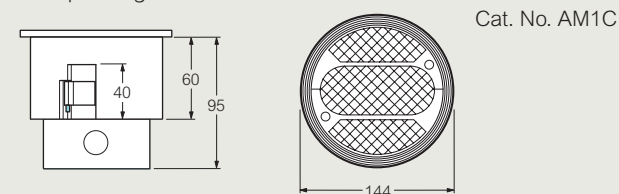


### ■ 125 mm aluminium grommets

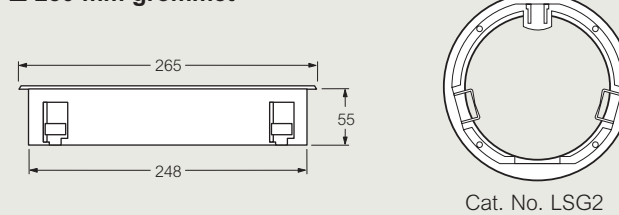
Access grommet



13 A power grommet



### ■ 250 mm grommet

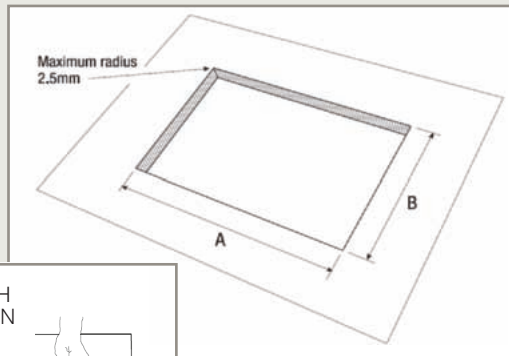


All dimensions (mm) are nominal

# cavity floor service outlet boxes and grommets installation

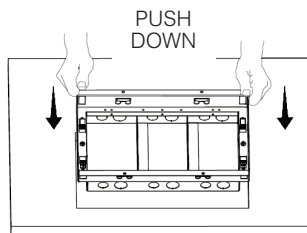
## 1 Cut hole in floor tile

	Minimum	Maximum	Minimum	Maximum
	A		B	
1 compartment	165 mm	167 mm	203 mm	205 mm
2 compartment	263 mm	265 mm	203 mm	205 mm
3 compartment	340 mm	342 mm	203 mm	205 mm
4 compartment	340 mm	342 mm	203 mm	205 mm



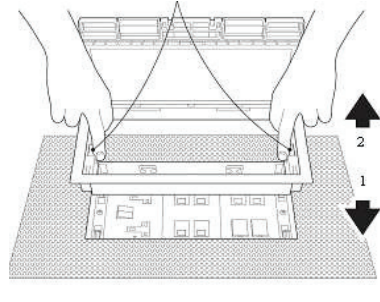
## 2 Install box

Lower base box into aperture and push firmly down  
This will engage the fixing latches

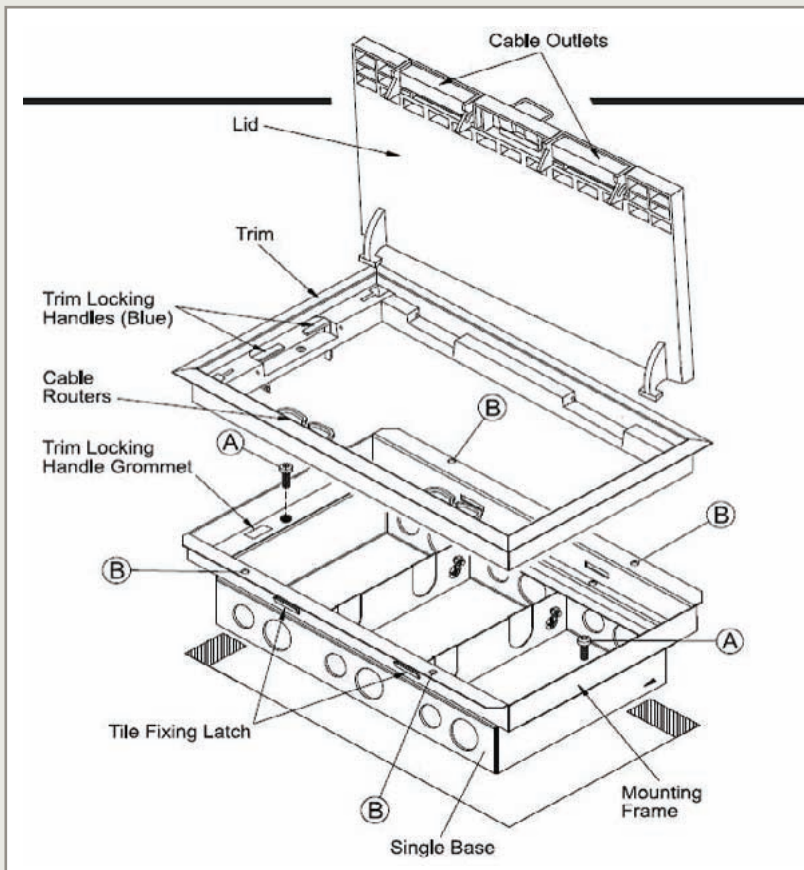


## 3 Fitting lid and trim

Lid and trim is a simple push fit  
1 The ratchets allow the trim to find its own level on top of the final floor finish  
2 To remove, lift out by releasing the blue locking handles



FOR SAFETY: All cables exiting boxes must be positioned into the cable routers on box trim and exit box via cable outlets  
Lid and lid handle must always be placed in the closed positions  
When using metal lid and trims, the lifting device at the centre of the lid is not to be used as a cable exit



Opening lid to an angle of 30° and lifting upwards will detach lid from trim. Inserting lid into the opposite side of trim will change direction of the lid

Cable routers can also be removed and attached to opposite side of trim

A) Base can be detached from mounting frame by releasing screws (A)  
This enables the base to be connected to the services and left under floor tiles for protection until the carpet, lid and trim are fitted

B) Box can be screw fitted to floor tile by using holes (B) in mounting frame  
(If hole in tile is outside maximum tolerance Use 4 x No.8 25 mm self tapping screws)

# Power track... delivering power to the workspace

Legrand's Arena-Walsall power track is the ultra compact, versatile choice to supply power in cavity floor scenarios. When used with a Soluflex cavity floor system it creates a flexible cable management system which can adapt to changing requirements.



This compact busbar system is available in standard, clean earth, dual circuit and three phase versions - all of which are quick to install and flexible:

- Push fit connections
- Easily reconfigured
- Overall height of just 47 mm
- ASTA certified and tested to BS EN 60439-1:1999 and BS EN 60439-2:2000

**The Arena-Walsall power track system has much to offer the specifier, installer and end user:**

**Specifier** - The modular system simplifies the wiring plan to a linear grid which is easy to design and has built in flexibility to cope with a wide range of final end user requirements which are often unknown at the design stage.

**Installer** - The principle of a linear grid simplifies the estimating process. The system is quick and easy to install on site and its modular nature helps reduce wastage associated with trunking, tray and cable.

**The end user** - The availability of shuttered outlets throughout the linear grid facilitates the movement, addition and deletion of local power supplies. This facility is beneficial, particularly in commercial environments which experience frequent change.



## PRODUCT RANGES



### STANDARD

Two bar and earth 63 A power track system



### CLEAN EARTH

Three bar and earth 63 A power track system including an independent clean earth copper bar



### DUAL CIRCUIT

Five bar and earth 50 A power track system incorporating both standard and clean earth systems within one enclosure. Tap-offs from the standard, clean earth and dual circuit ranges can be used

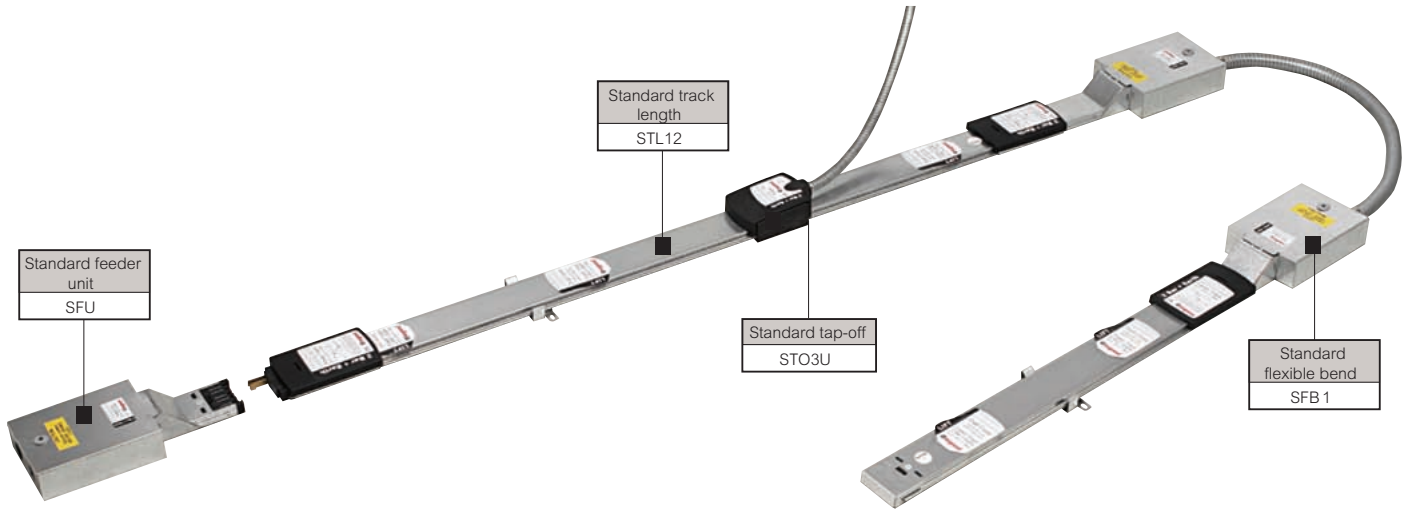


### THREE PHASE

Four bar and earth 50 A power track system. Three phased bars, one neutral bar and earth

# Arena-Walsall® power track system

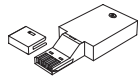
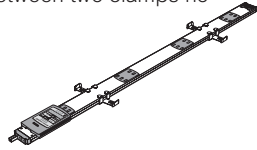
## standard



**Dimensions and technical information (p. 24-25)**

Two bar and earth 63 A power track system

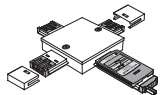
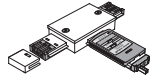
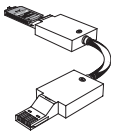
Pack	Cat. Nos.	<b>Track lengths and feeder unit</b>
		<b>Standard track lengths</b> Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	STL12	1.2 metres, 4 tap-offs
1	STL18	1.8 metres, 6 tap-offs
1	STL24	2.4 metres, 8 tap-offs
1	STL30	3.0 metres, 10 tap-offs
1	STL36	3.6 metres, 12 tap-offs
		<b>Standard feeder unit</b> Supplied with one end cap to be fitted to track end
1	SFU	2 x 20/25 mm knockout entries Terminal capacity 16 mm <sup>2</sup> maximum



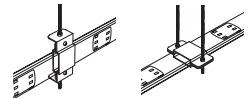
Pack	Cat. Nos.	<b>Standard tap-offs</b>
		All tap-offs conform to Section 607 of BS 7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs can also be used with the dual circuit power track
1	STO3U	3 metres, unfused
1	STO3F	3 metres, fused
1	STO5F	5 metres, fused



Pack	Cat. Nos.	<b>Flexible bends and tee units</b>
		<b>Standard flexible bend</b> Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm <sup>2</sup> tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
1	SFB1	
		<b>Standard tee units</b> Supplied with slider and one end cap
1	STUA	Left feed
1	STUB	Centre feed
1	STUC	Right feed
		<b>Standard four way</b> Supplied complete with slider and two end caps
1	SFW	



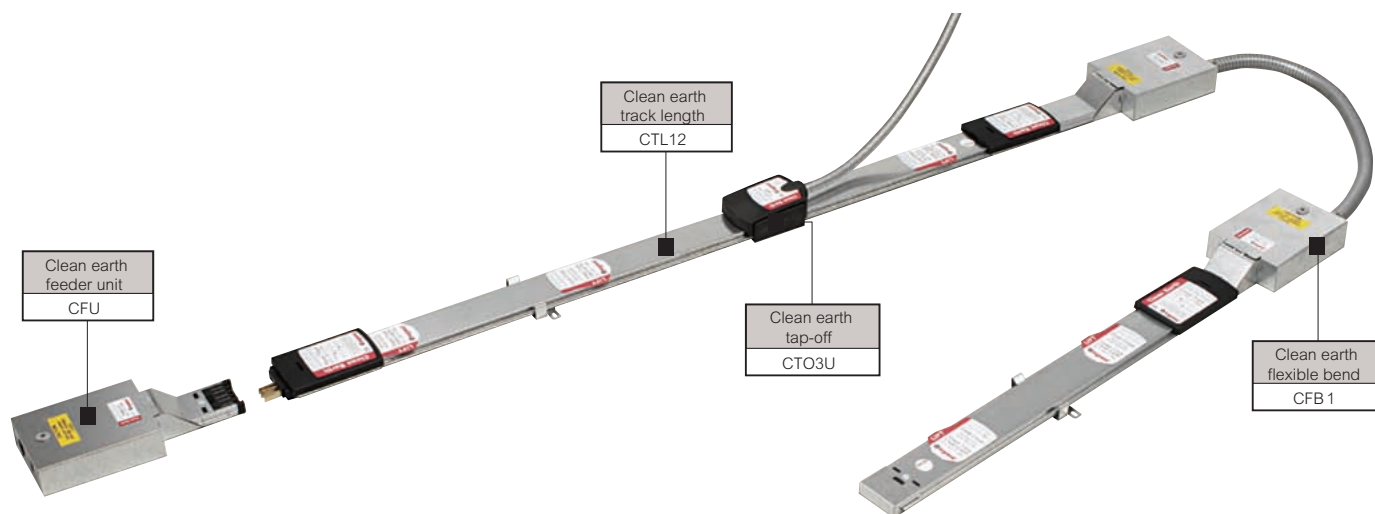
Pack	Cat. Nos.	<b>Accessories</b>
		<b>Spare hold down clamp</b>
1	SHC	
		<b>Hanger brackets</b> Vertical hanger bracket Horizontal hanger bracket
1	SVB	Vertical hanger bracket
1	SHB	Horizontal hanger bracket
		<b>Spare end cap</b>
1	SEC	



**Standard power track is denoted by a white label with a black flash**

# Arena-Walsall® power track system

clean earth



Dimensions and technical information (p. 24-25)

Three bar and earth 63 A power track system including an independent clean earth copper bar

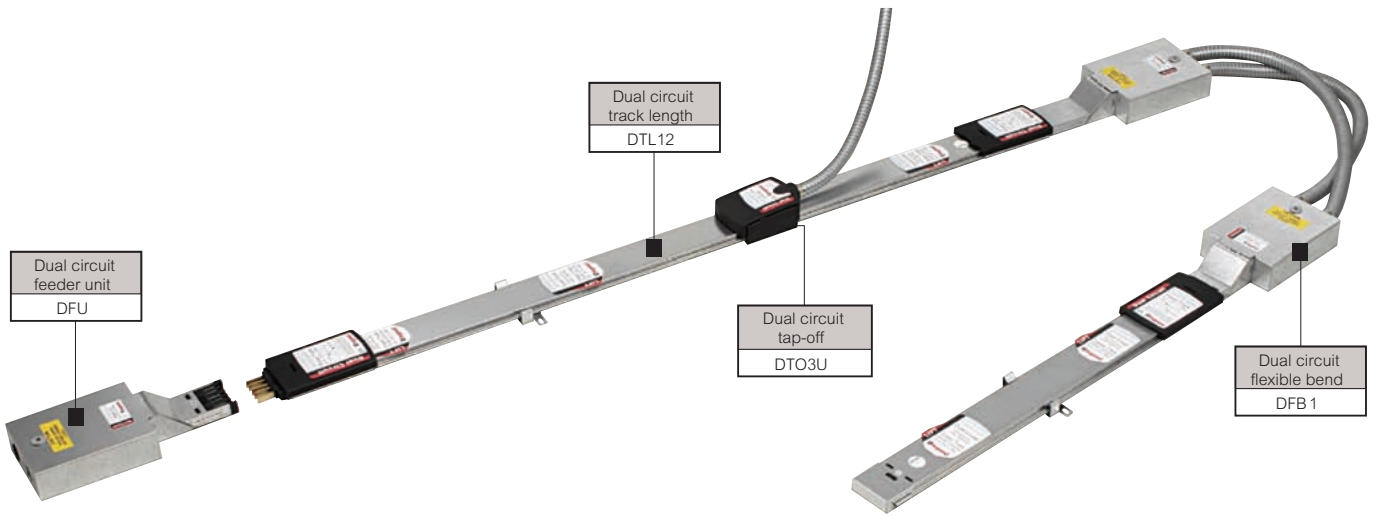
Pack	Cat. Nos.	Track lengths and feeder unit
		<b>Clean earth track lengths</b> Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	CTL12	1.2 metres, 4 tap-offs
1	CTL18	1.8 metres, 6 tap-offs
1	CTL24	2.4 metres, 8 tap-offs
1	CTL30	3.0 metres, 10 tap-offs
1	CTL36	3.6 metres, 12 tap-offs
		<b>Clean earth feeder unit</b> Supplied with one end cap to be fitted to track end
1	CFU	2 x 20/25 mm knockout entries Terminal capacity 16 mm <sup>2</sup> maximum
		<b>Clean earth tap-offs</b> All tap-offs conform to Section 607 of BS7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs can also be used with the dual circuit power track
1	CTO3U	3 metres, unfused
1	CTO3F	3 metres, fused
1	CTO5F	5 metres, fused

Pack	Cat. Nos.	Flexible bends and tee units
		<b>Clean earth flexible bend</b> Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm <sup>2</sup> tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
1	CFB1	
		<b>Clean earth tee units</b> Supplied with slider and one end cap
1	CTUA	Left feed
1	CTUB	Centre feed
1	CTUC	Right feed
		<b>Clean earth four way</b> Supplied with slider and two end caps
1	CFW	
		<b>Accessories</b>
1	SHC	<b>Spare hold down clamp</b>
		<b>Hanger brackets</b> Vertical hanger bracket Horizontal hanger bracket
1	SVB	
1	SHB	
		<b>Spare end cap</b>
1	SEC	

Clean earth power track is denoted by a white label with a red flash

# Arena-Walsall® power track system

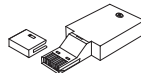
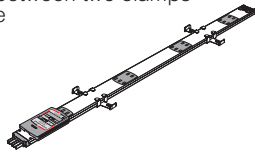
## dual circuit



**Dimensions and technical information (p. 24-25)**

Five bar and earth 50 A power track system incorporating both standard and clean earth systems within one enclosure

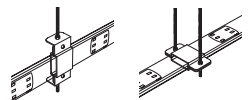
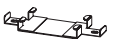
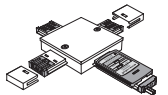
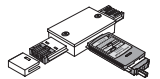
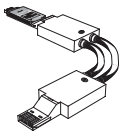
Pack	Cat. Nos.	<b>Track lengths and feeder unit</b>
		<b>Dual circuit track lengths</b> Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	DTL12	1.2 metres, 4 tap-offs
1	DTL18	1.8 metres, 6 tap-offs
1	DTL24	2.4 metres, 8 tap-offs
1	DTL30	3.0 metres, 10 tap-offs
1	DTL36	3.6 metres, 12 tap-offs
		<b>Dual circuit feeder unit</b> Supplied with one end cap to be fitted to track end
1	DFU	2 x 20/25 mm knockout entries Terminal capacity 16 mm <sup>2</sup> maximum




Pack	Cat. Nos.	<b>Dual circuit tap-offs</b>
		All tap-offs conform to Section 607 of BS 7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs must only be used with the dual circuit power track All tap-offs from standard and clean earth track can also be used
1	DTO3U	3 metres, unfused
1	DTO3F	3 metres, fused
1	DTO5F	5 metres, fused



Pack	Cat. Nos.	<b>Flexible bends and tee units</b>
1	DFB1	<b>Dual circuit flexible bend</b> Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm <sup>2</sup> tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
		<b>Dual circuit tee units</b> Supplied with slider and one end cap
1	DTUA	Left feed
1	DTUB	Centre feed
1	DTUC	Right feed
1	DFW	<b>Dual circuit four way</b> Supplied with slider and two end caps
		<b>Accessories</b>
1	SHC	<b>Spare hold down clamp</b>
		<b>Hanger brackets</b> Vertical hanger bracket Horizontal hanger bracket
1	SVB	Vertical hanger bracket
1	SHB	Horizontal hanger bracket
1	SEC	<b>Spare end cap</b>



**Dual circuit power track is denoted by a white label with a black and red flash**

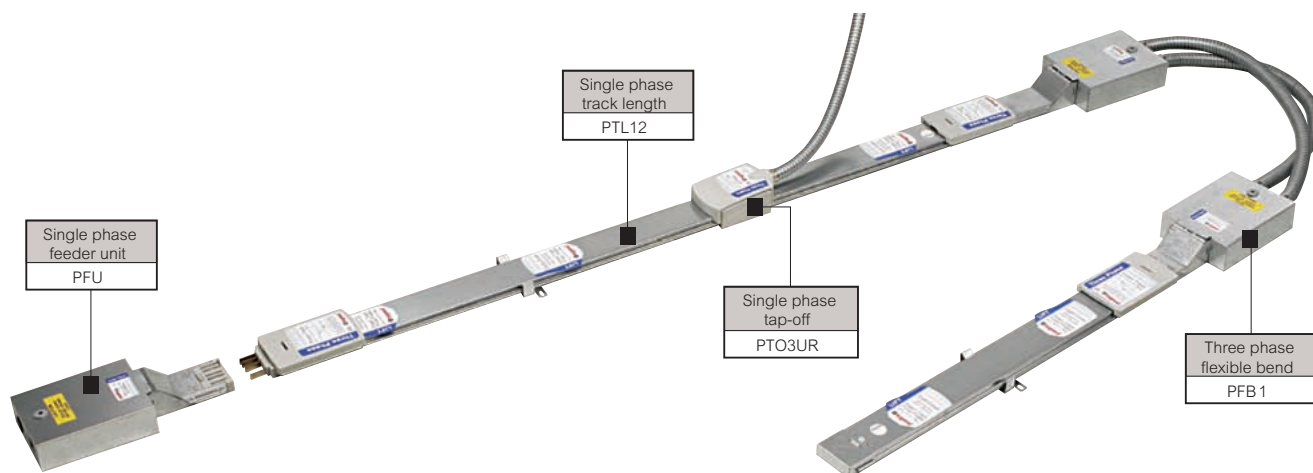


**For pre-wired floor boxes and grommets, see p. 15**

**Contact us on +44 (0) 870 608 9020**

# Arena-Walsall® power track system

## three phase



Dimensions and technical information (p. 24-25)

Four bar and earth 50 A power track system  
Three phased bars, one neutral bar and earth

Pack	Cat. Nos.	Track lengths and feeder unit
		<b>Three phase track lengths</b> Supplied complete with hold down clamps Recommended spacing between two clamps no greater than one metre
1	PTL12	1.2 metres, 4 tap-offs
1	PTL18	1.8 metres, 6 tap-offs
1	PTL24	2.4 metres, 8 tap-offs
1	PTL30	3.0 metres, 10 tap-offs
1	PTL36	3.6 metres, 12 tap-offs
		<b>Three phase feeder unit</b> Supplied with one end cap to be fitted to track end
1	PFU	2 x 20/25mm knockout entries Terminal capacity 16 mm <sup>2</sup> maximum

Pack	Cat. Nos.	Tap-offs for three phase power track
		<b>Single phase tap-offs</b> All tap-offs conform to Section 607 of BS 7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' These tap-offs must only be used with the 3 phase power track
1	PTO3UR	3 metres, unfused reconfigurable
1	PTO3FR	3 metres, fused reconfigurable
1	PTO5FR	5 metres, fused reconfigurable
		<b>Three phase tap-off</b> All tap-offs conform to Section 607 of BS7671 : 2001 Supplied with new cable colours to BS 7671 : 2001 amendment No. 2 'fixed wiring' This tap-off must only be used with the 3 phase power track
1	PTO3U	3 metres, unfused (L1, L2 and L3 connected)

Pack	Cat. Nos.	Flexible bends and tee units
1	PFB1	<b>Three phase flexible bend</b> Comprises a length of 25 mm conduit with a plug-in feed at each end, pre-wired with 10 mm <sup>2</sup> tri-rated cable Cable length = 1 metre Other lengths are available to special order Can be used as a bend or an offset
		<b>Three phase tee units</b> Supplied with slider and one end cap
1	PTUA	Left feed
1	PTUB	Centre feed
1	PTUC	Right feed
1	PFW	<b>Three phase four way</b> Supplied with slider and two end caps

Pack	Cat. Nos.	Accessories
1	SHC	<b>Spare hold down clamp</b>
1	SVB	<b>Hanger brackets</b> Vertical hanger bracket
1	SHB	Horizontal hanger bracket
1	SEC	<b>Spare end cap</b>

**Three phase power track is denoted by a white label with a blue flash**

**For pre-wired floor boxes and grommets, see p. 15**

**Contact us on +44 (0) 870 608 9020**

# Arena-Walsall® power track system

## technical information

### ■ Specification / technical data

Electrical data	
Rated current	63 A/50 A
Rated voltage	250 V/415 V
Frequency	50/60 Hz
Rated short circuit withstand	16 kA
Track conductor resistance – line and neutral	3 mΩ/m
Track conductor impedance	1.43 mΩ/m

Volt drops	
Line and neutral : track	2.86 mV/A/m
Tap-off (32 A - 4 mm <sup>2</sup> cable)	10 mV/A/m
Flexible bend (10 mm <sup>2</sup> tri-rated cable)	3.7 mV/A/m
Feed unit	0.3 mV/A/m
Track connector	0.4 mV/A/m

Earth fault loop	
Impedance : L+N track conductors	1.5 mΩ/m
Earth track conductor	1.2 mΩ/m
Tap-off (32 A - 4 mm <sup>2</sup> cable)	33 mΩ (3 metre L/N/E)
Feed unit	0.3 mΩ
Track connector	0.4 mΩ
Flexible bend (10 mm <sup>2</sup> tri-rated cable)	3.7 mΩ (1 metre L/N/E)

Mechanical data	
Number of conductors	PE + 2,3,4 and 5
Track conductor cross section area	13 mm <sup>2</sup>
Incoming cable termination capacity	16 mm <sup>2</sup>
Tap-off cable 32 A unfused	4 mm <sup>2</sup>
Tap-off cable 13 A fused	L/N : 2.5 mm <sup>2</sup> , E : 4 mm <sup>2</sup>
Tap-off conduit	16 mm/20 mm diameter
Feeder conduit entry	20 mm/25 mm diameter
IP rating	IP 40 (when fully assembled)
Maximum profile height	47 mm including tap-off
Track height	17 mm

Material specification	
Track housing	Galvanised steel
Track conductors	High conductivity copper
Track insulator	Self extinguishing PVC extrusion
Sockets, track connectors, track ends	Nylon
Tap-off plugs	Nylon
End shutters and track shutters	Glass filled nylon
Tap-off / flexible bend cable	LSF/PVC
Tap-off / feeder and connector pins	Brass

### ■ Standards

#### Certification

Asta Certified and tested to BS EN 60439-1 : 1999 and BS EN 60439-2 : 2000  
Manufactured within an approved ISO 9001 : 2008 facility



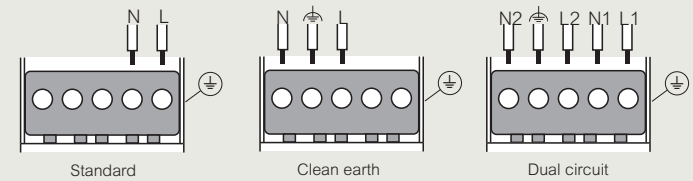
#### IEE Wiring Regulations

Legrand power track system is suitable for installation to BS7671 : 2001 or BS 7671 : 2008

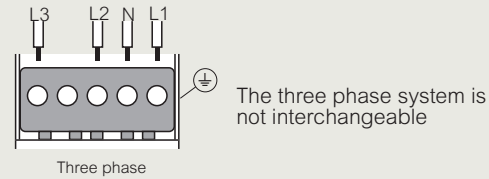
Installations having high protective conductor currents (formerly Section 607, BS7671 : 2001)

Legrand power track system allows compliance with regulation 543-7, BS7671 : 2008 and Section 607, BS7671 : 2001. However, this requirement must be stated at the time of order to ensure the correct system components are selected

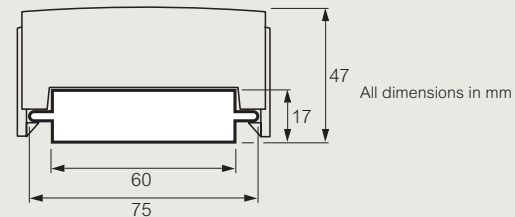
#### ■ Terminal block connections



The three types above are compatible and an installation can be downrated from the dual circuit to either standard or clean earth in mid-run by means of a flexible bend or direct connection (see opposite)



#### ■ Track length

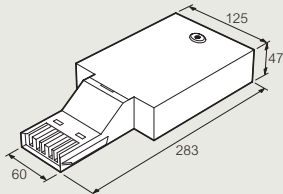


Overall height : 47 mm with feeder unit and tap-off

All dimensions (mm) are nominal

### ■ Feeder units

Two – 20/25 mm knockout entries  
Terminal capacity 16 mm<sup>2</sup> maximum  
Supplied complete with terminal block, lid and turnbuckle fastener and one end cap



### ■ Tap-offs and pre-wired floor boxes

Section 434.2.1 of the Wiring Regulations requires any conductor exceeding 3 m in length to have a fault current protective device (e.g. fuse) at the point where current carrying capacity is reduced (tap-off plug)  
All tap-offs over 3 m will be supplied with a BS 1362 13 A fuse fitted within the plug

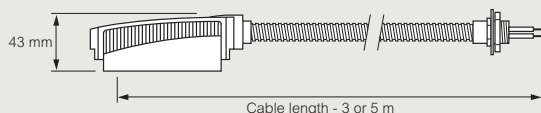
If the system is to be protected by a 32 A breaker then unfused tap-offs exceeding 3 m may be specified at time of order

If a floor service unit, supplied by a single tap-off, contains more than 2 x 13 A socket outlets then the total loading of the service box must not exceed 32 amps

Other pre-wired tap-off lengths are available on request, contact us on +44 (0) 870 608 9020

Unfused tap-offs are rated at 32 A

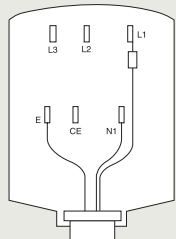
Fused tap-offs are supplied with a standard BS 1362 13 A fuse



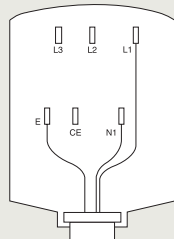
Tap-off length refers to the cable and not the conduit length  
The conduit is 250 mm shorter than the cable length

### ■ Tap-offs for three phase power track

#### Single phase tap-offs

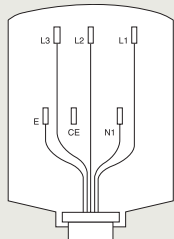


PTO3FR/PTO5FR  
(fused)



PTO3UR  
(unfused)

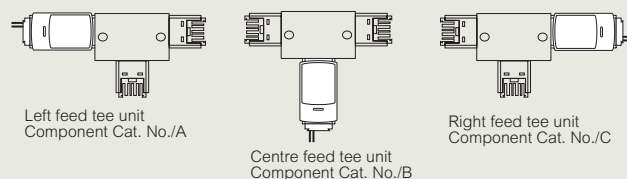
#### Three phase tap-off



PTO3U  
(unfused)

### ■ Tees and four ways

Supplied complete with slider, lid, turnbuckle fasteners and end cap(s)

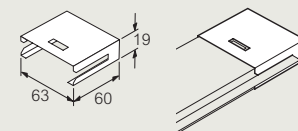


### ■ Flexible bends



### ■ End cap

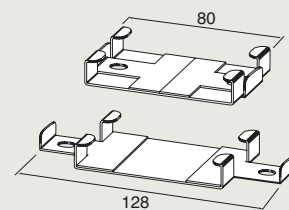
Cat. No. SEC



### ■ Hold down clamp

Each power track length is supplied already fitted with sliding clamps

- 2 clamps on each 1.2, 1.8 and 2.4 metre length
- 3 clamps on each 3.0 and 3.6 metre length

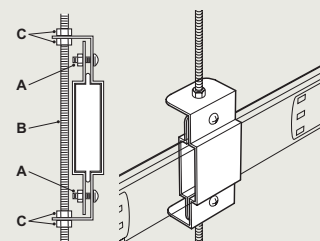


### ■ Vertical hanger bracket

Supplied in two parts complete with clamping screws (A)

Use one M8 threaded rod (B) and four M8 nuts (C) (one above and below each bracket flange)

Recommended spacing between vertical hanger brackets is 1 metre maximum

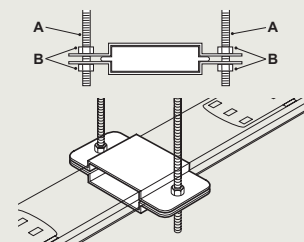


### ■ Horizontal hanger bracket

Supplied in two parts

Use two M8 threaded rods (A) and four M8 nuts (B) (one above and below each bracket flange)

Recommended spacing between horizontal hanger brackets is 1 metre maximum

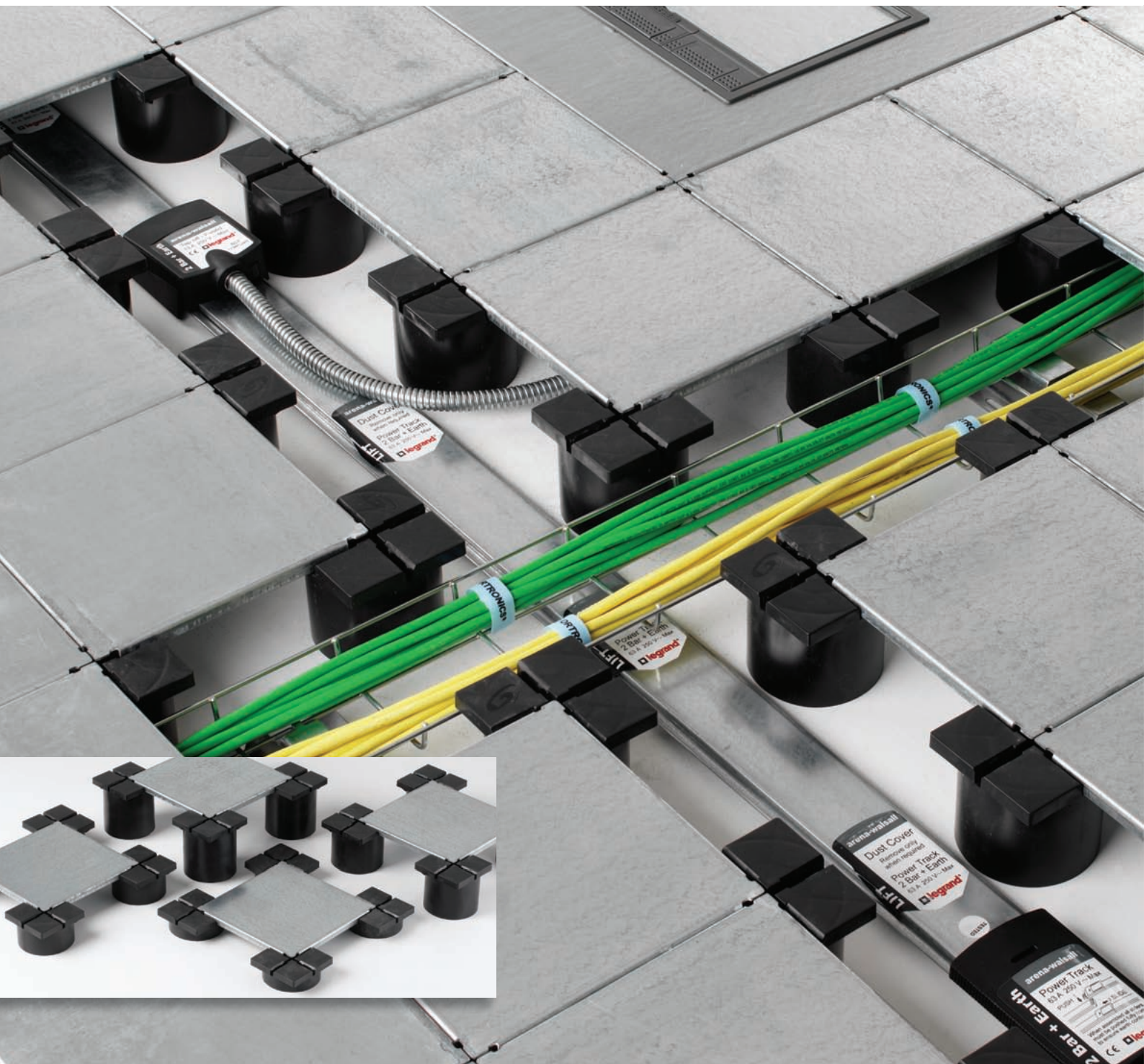


All dimensions (mm) are nominal

# Soluflex<sup>®</sup>... innovation in cable management flooring

Soluflex is much more than just a raised floor, it's a quick and simple to install cable management solution.

This innovative system integrates low-level flooring with Legrand's market leading cable management solutions, allowing cables for power, data and communication to be structured in a logical, ready to use layout that remains hidden to end users.



## Perfect partners

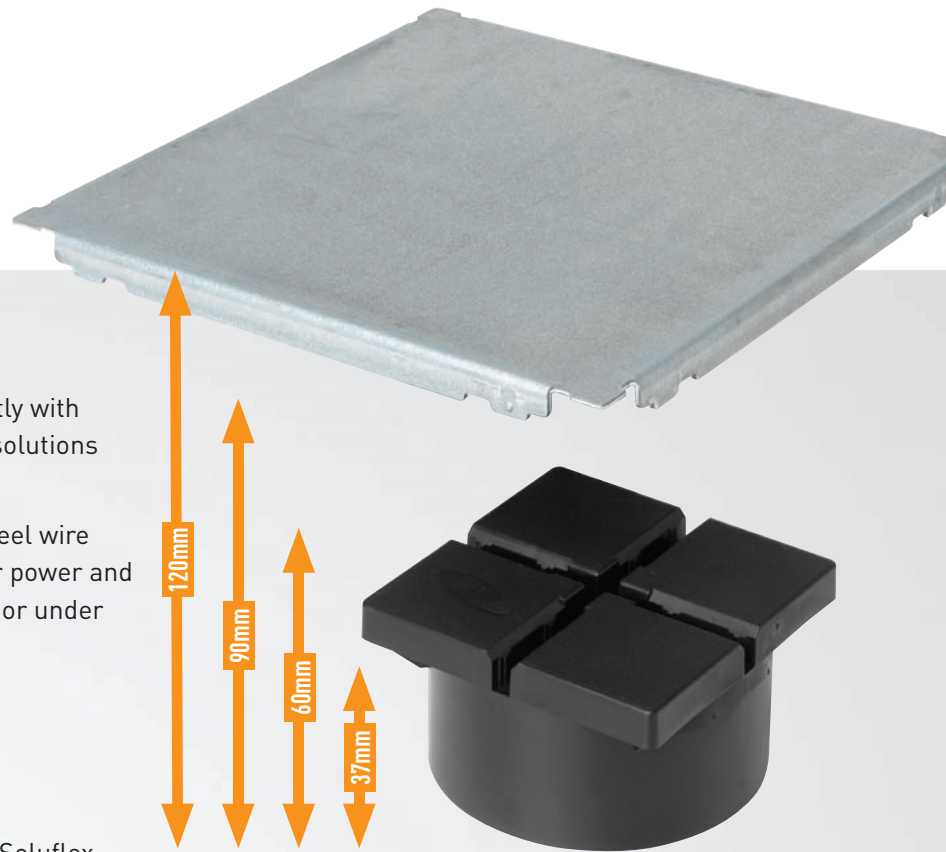
Soluflex has been designed to integrate perfectly with Legrand's market leading cable management solutions and wiring accessories...

From ultra-compact power track systems to steel wire cable tray, and from cavity floor boxes to Arteor power and data sockets, every solution can be installed in or under the floor using Soluflex.

## 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 covering... carpet tiles, rubber, stone or wood. And if the office layout changes, or even relocates, Soluflex can be reconfigured and reused.



## 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.



# Soluflex® cavity floor system

## selection chart

Height (mm)	Tile	Support	Double edge plate	Single edge plate	Step	Step corner	Ramp	Earthing tile
37	84000 10	84037 00	84000 60	84000 61	84037 22	84037 30	84037 40	84000 20
60	84000 10	84060 00	84000 60	84000 61	84060 22	84060 30	84060 40	84000 20
90	84000 10	84090 00	84000 60	84000 61	84090 22	84090 30	84090 40	84000 20
120	84000 10	84120 00	84000 60	84000 61	84120 22	84120 30	84120 40	84000 20

Height (mm)	Floor box tile	Floor box lid + trim	3 comp. twin socket module	4 comp. twin socket module	3 comp. blank module	4 comp. blank module	3 comp. data module	4 comp. data module
37	-	-	-	-	-	-	-	-
60	84090 81	8218 21	8218 22	8218 23	8218 24	8218 25	8218 26	8218 27
90	84090 81	8218 21	8218 22	8218 23	8218 24	8218 25	8218 26	8218 27
120	84090 81	8218 21	8218 22	8218 23	8218 24	8218 25	8218 26	8218 27

(1) For use with accessory outlet tile or cable outlet tile



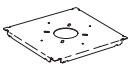





(2) For use with accessory outlet tile. Standard version shown. Requires back box, Cat. No. 8218 30. Other configurations available to special order. Contact us on +44 (0) 870 608 9020




### ■ Floor boxes with lid and trim assemblies :

Suitable for 60, 90 and 120 mm systems

Specials also available, including RCD and RCBO options to comply with 17th Edition requirements



Cable outlet tile	Chrome outlet grommet	Accessory outlet tile	Fixing bracket	Semi-submerged power unit 2 x 240 V (empty)	Semi-submerged data unit 2 x 2 data (empty)	Fully submerged power unit 2 x 240 V (empty)	Fully submerged data unit 2 x 2 data (empty)
							
84000 30	81902 32	84000 40	84000 50	84037 50	84037 51	-	-
84000 30	81902 32	84000 40	84000 50	-	-	84060 72	84060 73
84000 30	81902 32	84000 40	84000 50	-	-	-	-
84000 30	81902 32	84000 40	84000 50	-	-	-	-

Cable snake – grey <sup>(1)</sup>	Cable snake – black <sup>(1)</sup>	Power pole <sup>(2)</sup>
		
81906 40	81906 41	86502 10
81906 40	81906 41	86502 10
81906 40	81906 41	86502 10
81906 40	81906 41	86502 10

### ■ Cable snake

The cable snake creates neat, tidy work spaces by concealing cables between the floor and the desk.  
For more information, contact us on +44 (0) 870 608 9020

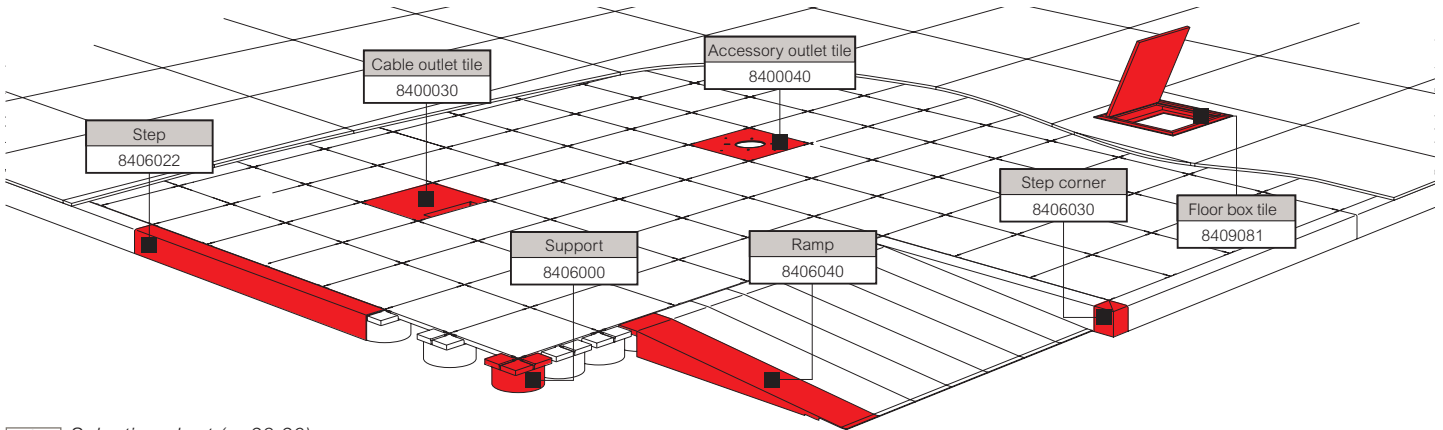


### ■ Power pole

Multiple configurations available to special order  
Contact us on +44 (0) 870 608 9020



# Soluflex® ultra low cavity floor system



Selection chart (p. 28-29)  
Installation instructions (p. 33)  
Dimensions (p. 34-35)

Cable management floor system  
225 x 225 mm tiles manufactured from pre-galvanised steel with 13 mm return  
Integrated earthing design  
Click fit, no fixings required  
Support manufactured from recycled polypropylene

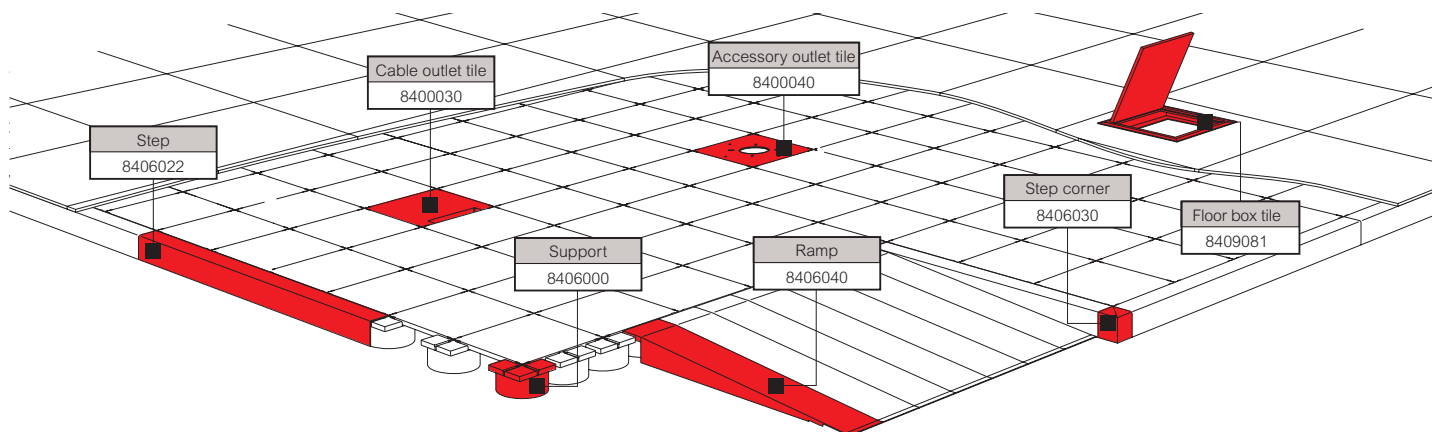
## Pack Cat. Nos. Floor components

Pack	Cat. Nos.	Description	Image
1	8400010	<b>Tile</b> 225 x 225 mm floor tile	
1	8403700	<b>Floor supports</b> 37 mm height (35 mm support – 37 mm inc. tile)	
1	8406000	60 mm height (58 mm support – 60 mm inc. tile)	
1	8409000	90 mm height (88 mm support – 90 mm inc. tile)	
1	8412000	120 mm height (118 mm support – 120 mm inc. tile)	
1	8400020	<b>Earthing tile</b> 225 x 225 mm Earthing clamp 6 mm <sup>2</sup> (max.) 1 earthing tile per 100 mm <sup>2</sup>	
1	8400060	<b>Edge plates</b> Used to finish installation against wall Trim to size on site 900 x 300 mm double edge plate	
1	8400061	900 x 300 mm single edge plate	
1	8403722	<b>Step</b> Width 900 mm Height (mm) 37	
1	8406022	60	
1	8409022	90	
1	8412022	120	

## Pack Cat. Nos. Floor components (continued)

Pack	Cat. Nos.	Description	Image		
1	8403730	<b>Step corner</b> Width 900 mm Height (mm) 37			
1	8406030	60			
1	8409030	90			
1	8412030	120			
1	8403740	<b>Ramp</b> 10% incline Height (mm) 37			
1	8406040	60			
1	8409040	90			
1	8412040	120			
		Length (mm)	400	616	112
		Width (mm)	112	112	112

# Soluflex® ultra low cavity floor system (continued)



Selection chart (p. 28-29)  
Installation instructions (p. 33)  
Dimensions (p. 34-35)

Cable management floor system  
225 x 225 mm tiles manufactured from pre-galvanised steel with  
13 mm return  
Integrated earthing design  
Click fit, no fixings required  
Support manufactured from recycled polypropylene

Pack	Cat. Nos.	<b>Floor box for 60, 90 and 120 mm high systems only</b>
1	8409081	<b>Floor box</b> 450 x 450 mm floor box tile
1	821821	Floor box lid and trim
		<b>Outlet plate options</b>
1	821822	3 compartment twin switched socket module
1	821824	3 compartment blank module
1	821826	3 compartment data module (4 x 37 x 22 mm cut-outs)
1	821823	4 compartment twin switched socket module
1	821825	4 compartment blank module
1	821827	4 compartment data module (4 x 37 x 22 mm cut-outs)
		<b>Outlet solutions for 37 mm high systems</b>
1	8403750	<b>Semi-submerged</b> 37 mm power outlet to accept 2 x Arteor double modules <sup>(1)</sup>
1	8403751	37 mm data outlet to accept 2 x Arteor double modules <sup>(1)</sup>
		<b>Outlet solutions for 60 mm high systems</b>
1	8406072	<b>Fully submerged</b> 60 mm power outlet to accept 2 x Arteor double modules <sup>(1)</sup>
1	8406073	60 mm data outlet to accept 2 x Arteor double modules <sup>(1)</sup>

Pack	Cat. Nos.	<b>Universal outlets</b>
1	8400040	<b>Accessory outlet tile</b> 225 x 225 mm Used to fix power poles, cable snake or grommets
1	8650210	<b>Aluminium power pole</b> 670 mm high
1	821830	Single power pole back box
1	8400050	Accessory outlet tile fixing bracket
		<b>Accessories</b>
1	8190232	Chrome outlet grommet
1	8190640	Grey cable snake
1	8190641	Black cable snake
1	8400030	Cable outlet tile

(1) For Arteor modules, refer to the latest Wiring Devices catalogue

# Soluflex® cavity floor system

## technical information

### ■ 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
- 4 different heights : 37 mm, 60 mm, 90 mm, 120 mm  
Other heights available on request
- Weight of the Soluflex cable floor system : approx. 20 kg per m<sup>2</sup>

#### ■ Load bearing data

- Point load per tile/support : 1 500 Newton/25 mm<sup>2</sup>
- Equal divided load of 3 000 kg per m<sup>2</sup>
- Minimum safety factor :  $V = 1.71$

#### ■ 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

#### 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 :  $D_{n,f,w} = 48$  dB

Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall :  $D_{n,f,w} = 48$  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 :  $L_{n,f,w} = 49$  dB

Soluflex cable floor system + carpet tiles, with mineral wool underneath the partition wall :  $L_{n,f,w} = 39$  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

$L_w = 17$  dB       $l_{lin} = 7$  dB

Concrete floor 140 mm + Soluflex + carpet tiles

$L_w = 24$  dB       $l_{lin} = 12$  dB

Tested to : PSA MOB PF2PS/SPU

BS EN 12825 : 2001

Working load : 1.9kN

Ultimate load above 12kN	Deflection under working load	Safety factor	Class of tolerance in manufacture
1	A	3	1

Working load : 2.9kN

Ultimate load above 12kN	Deflection under working load	Safety factor	Class of tolerance in manufacture
1	B	2	1

### ■ 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-d0

#### 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

#### NEN-EN 13501-1

B(fl) S1-d0

#### 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-1, 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



# Soluflex® cavity floor system

## general installation instructions

### ■ 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 plastic 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
- 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 create 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 steps with step corners 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

### Ramp



### Cable routes



### Completed Soluflex installation



### Finished example with carpet tiles

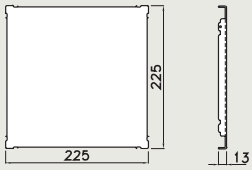


# Soluflex® cavity floor system dimensions

37 mm, 60 mm, 90 mm, 120 mm height

## ■ Dimensions (mm)

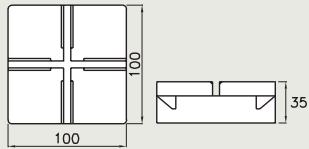
### Tile



Cat. No. 8400010

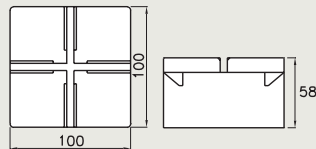
### Supports

For 37 mm height



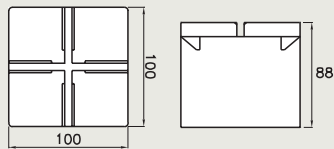
Cat. No. 8403700

For 60 mm height



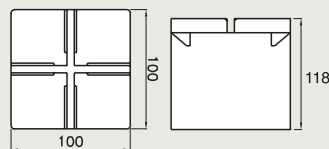
Cat. No. 8406000

For 90 mm height



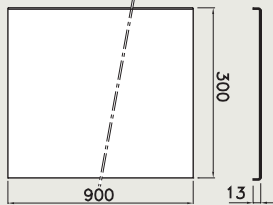
Cat. No. 8409000

For 120 mm height



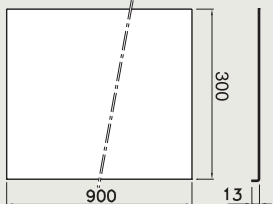
Cat. No. 8412000

### Double edge plate



Cat. No. 8400060

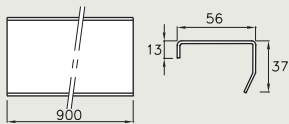
### Single edge plate



Cat. No. 8400061

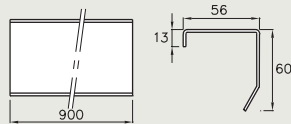
### Steps

For 37 mm height



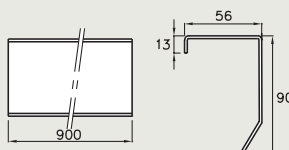
Cat. No. 8403722

For 60 mm height



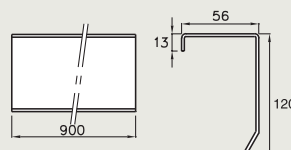
Cat. No. 8406022

For 90 mm height



Cat. No. 8409022

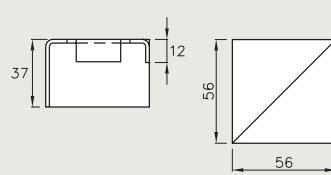
For 120 mm height



Cat. No. 8412022

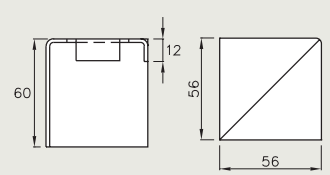
### Step corner

For 37 mm height



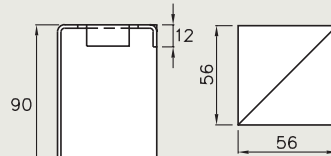
Cat. No. 8403730

For 60 mm height



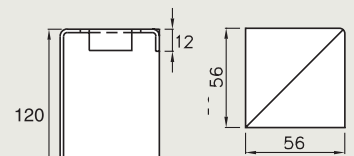
Cat. No. 8406030

For 90 mm height



Cat. No. 8409030

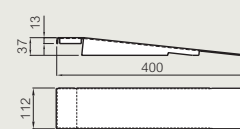
For 120 mm height



Cat. No. 8412030

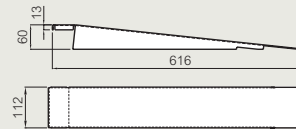
### Ramp

For 37 mm height



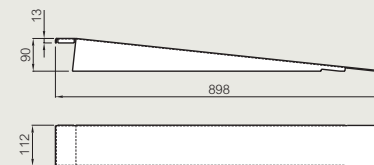
Cat. No. 8403740

For 60 mm height



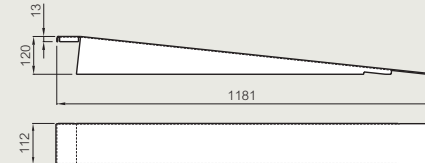
Cat. No. 8406040

For 90 mm height



Cat. No. 8409040

For 120 mm height



Cat. No. 8412040

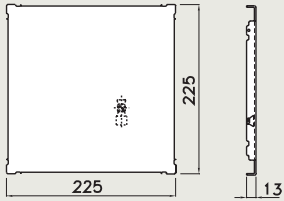
All dimensions (mm) are nominal

# Soluflex® cavity floor system dimensions

37 mm, 60 mm, 90 mm, 120 mm height (continued)

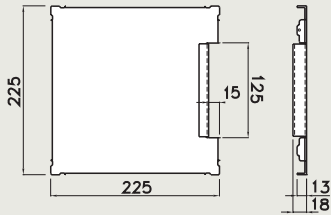
## Dimensions (mm)

### Earthing tile



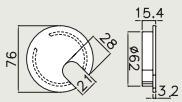
Cat. No. 8400020

### Cable outlet tile



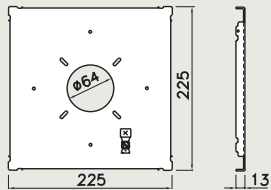
Cat. No. 8400030

### Chrome outlet grommet



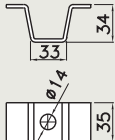
Cat. No. 8190232

### Accessory outlet tile



Cat. No. 8400040

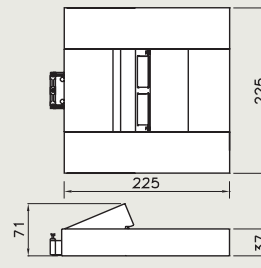
### Fixing bracket



Cat. No. 8400050

### Semi-submerged unit

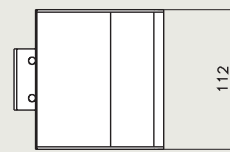
For 37 mm range only



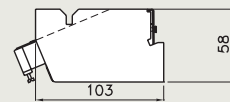
Cat. Nos. 8403750 Power  
8403751 Data

### Fully submerged power unit 2 x 240 V (empty)

For 60 mm range only

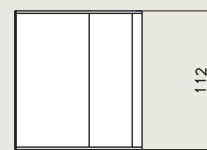


Cat. No. 8406072

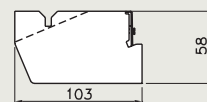


### Fully submerged data unit 2 x 2 data (empty)

For 60 mm range only

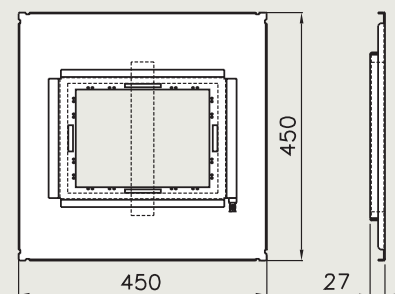


Cat. No. 8406073



### Floor box tile

For 60 mm, 90 mm, 120 mm ranges only

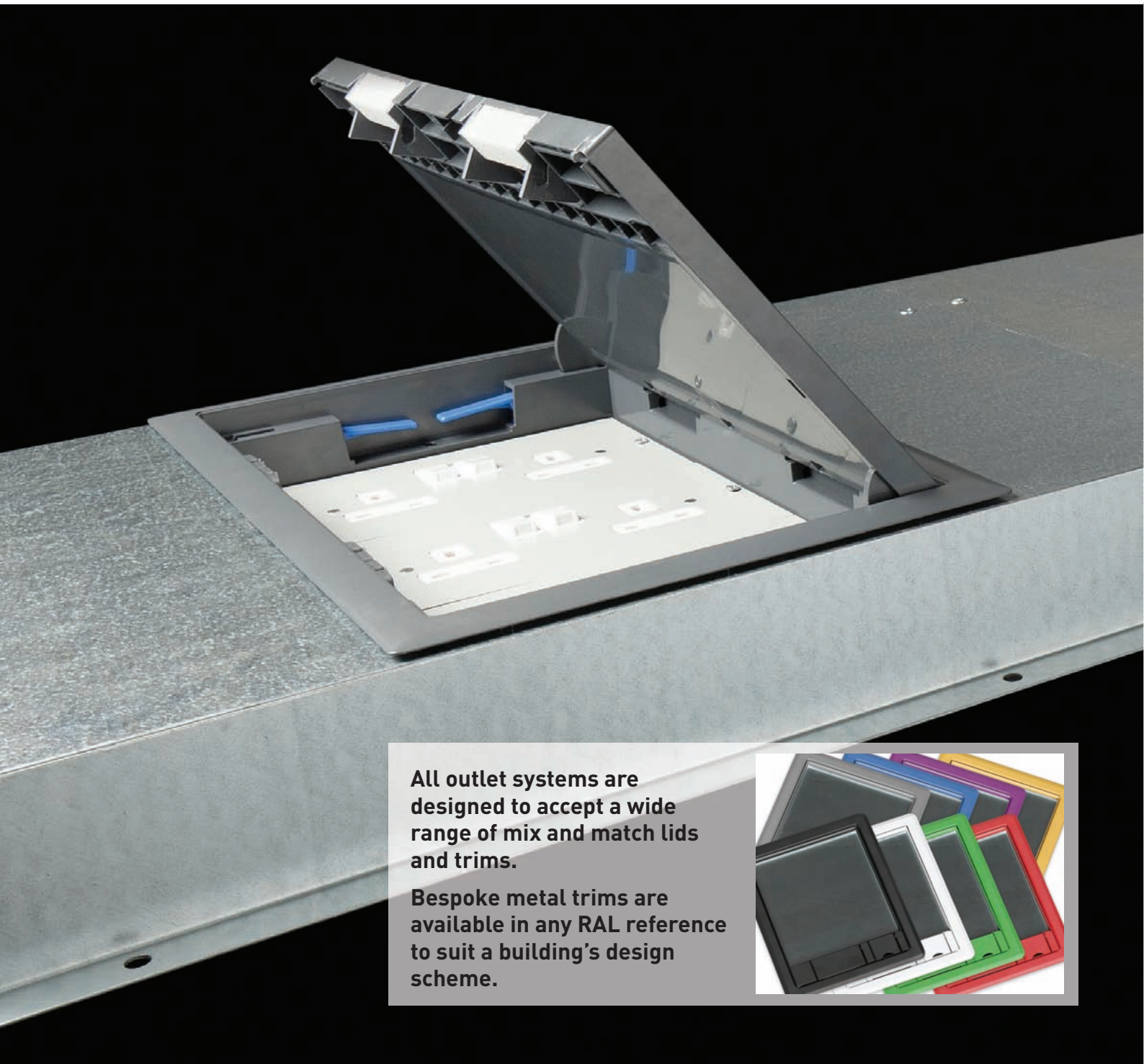


Cat. No. 8409081

All dimensions (mm) are nominal

# NEW floor systems... making the right choice simple

With a large choice of flush and in-screed solutions available in a variety of sizes, Legrand has all your cable management floor system requirements covered.



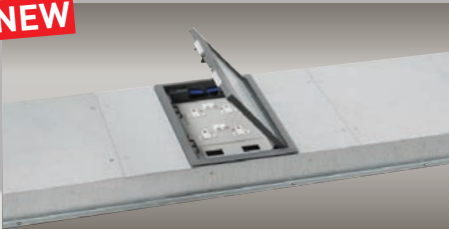
**All outlet systems are designed to accept a wide range of mix and match lids and trims.**

**Bespoke metal trims are available in any RAL reference to suit a building's design scheme.**



## PRODUCT RANGES

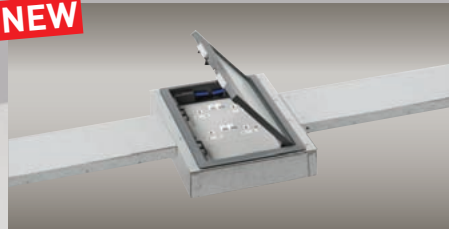
**NEW**



### FLUSH FLOOR TRUNKING

- Commercial floor trunking system
- Ideal for distributing power, data and communication in any commercial environment
- Can be used if service outlets are required
- Cables can be accessed after installation has been completed
- Floor boxes can be positioned at any point along the trunking and removed and repositioned at a later date

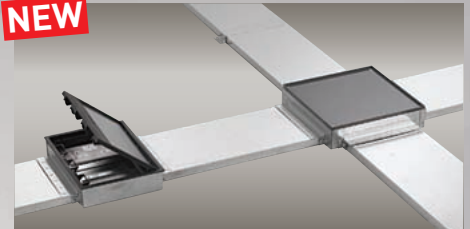
**NEW**



### SHALLOW FLUSH FLOOR TRUNKING

- Commercial floor trunking system
- Designed to distribute power, data and communication where the amount of screed that can be removed is limited
- Can be used if service outlets are required
- Cables can be accessed after installation has been completed

**NEW**



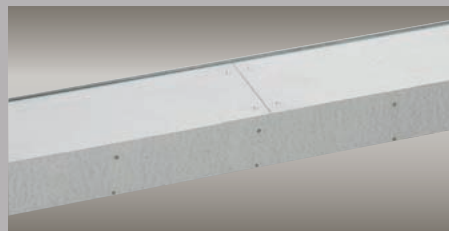
### UNDERFLOOR DUCT

- Commercial floor ducting system
- Ducting is installed under the screed providing a strong yet cost effective solution
- Positions of service outlet and junction boxes are fixed prior to installation
- Service outlet and junction boxes are height adjustable to finish flush with screed



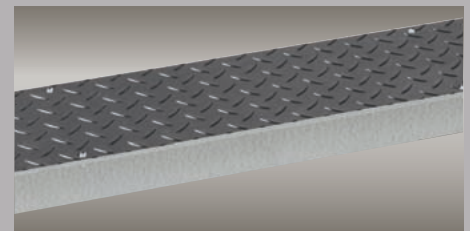
### FLUSH LID FLOOR TRUNKING

- Commercial floor trunking system
- Floor finish is fitted over the flush lid giving a neat finish
- Available in a wide range of sizes
- Suitable for long runs of cable where no outlets are required



### RECESSED LID FLOOR TRUNKING

- Commercial floor trunking system
- Floor finish is fitted recessed into the trunking lid
- Suitable for use in environments where access to cables may be required at a later date, for example hospitals

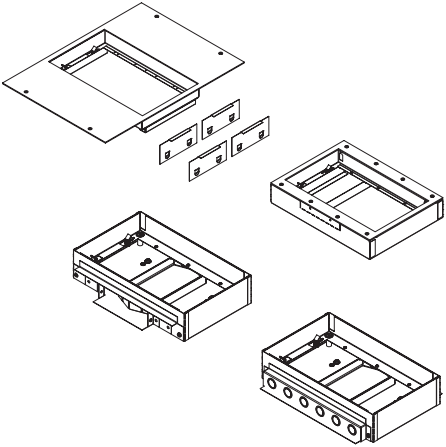
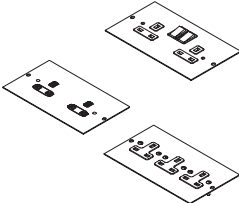
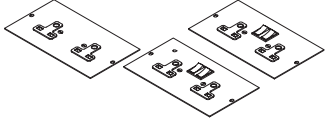

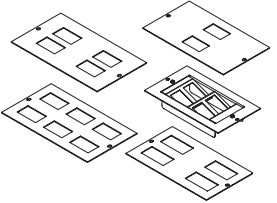
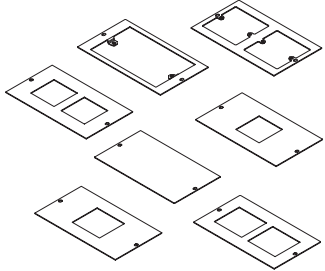



### CHEQUER PLATE FLOOR TRUNKING

- Industrial floor trunking system
- Outward return flange for added strength
- Suitable for floors that are subjected to heavy loads, for example warehouses

# screed floor service outlet boxes

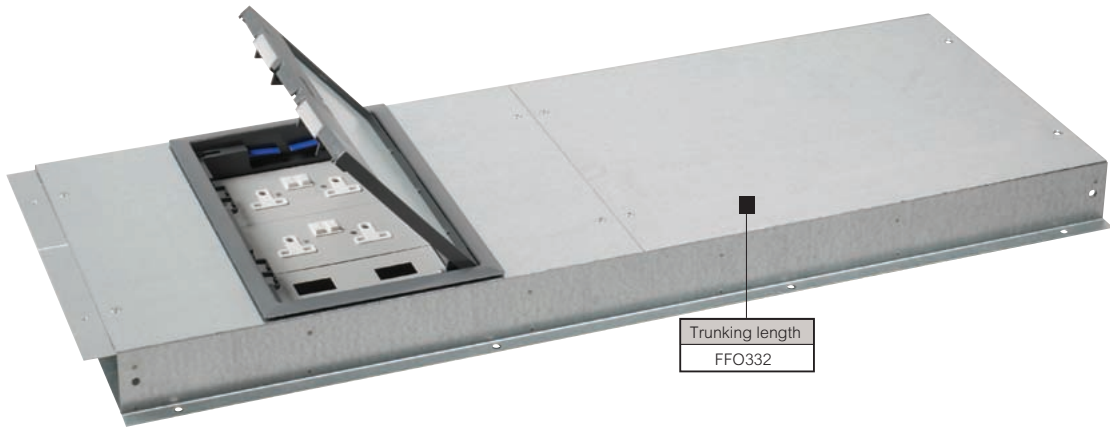
## selection chart

<b>No. of compartments</b>		
<b>Floor box base</b>		
<b>System type</b> 	Service outlet flush floor trunking	
	Shallow flush floor trunking 150 x 25 mm – 2 compartment	
	Shallow flush floor trunking 150 x 38 mm – 2 compartment	
	Shallow flush floor trunking 150 x 25 mm – 3 compartment	
	Shallow flush floor trunking 150 x 38 mm – 3 compartment	
	Shallow flush floor trunking 225 x 25 mm – 3 compartment	
	Shallow flush floor trunking 225 x 38 mm – 3 compartment	
	Screed floor box to suit shallow 25 mm ducting	
	Screed floor box to suit deep 38 mm ducting	
	Screed floor box to suit 20 mm conduit	
Screed floor box to suit 25 mm conduit		
<b>Socket plates</b>		
<b>13 A standard</b> 	13 A twin switched socket plate	
	13 A twin unswitched socket plate	
	13 A twin switched clean earth socket plate	
	13 A triple unswitched socket plate	
<b>13 A non-standard</b> 	13 A triple unswitched clean earth socket plate	
	13 A twin NS switched socket plate	
	13 A twin NS unswitched socket plate	
<b>RCD</b> 	13 A twin NS switched clean earth socket plate	
	2 gang RCD socket plate <sup>(1)</sup>	
	2 gang RCD socket plate - clean earth <sup>(1)</sup>	
<b>Data</b> 	37 x 22 mm – 2 cut-out plate	
	37 x 22 mm – 4 cut-out plate	
	37 x 22 mm – 4 cut-out wave plate <sup>(1)</sup>	
	37 x 22 mm – 6 cut-out plate	
	47.5 x 23.5 mm – 4 cut-out plate	
<b>General</b> 	2 x standard single outlet 60.3 mm	
	Standard 2 gang outlet plate 120.6 mm	
	50 x 50 mm – 1 cut-out plate	
	50 x 50 mm – 2 cut-out plate	
	Blank plate	
	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame <sup>(2)</sup>	
	58 x 53.5 mm – 2 cut-out plate to accept 2 x Arteor mounting frames <sup>(2)</sup>	
<b>Lids and trims</b>		
	ABS with carpet trim – 6 mm recess	
	Combination with edge trim – 6 mm recess	
	Metal, powder coated with carpet trim – 6 mm recess	
	Metal, powder coated with edge trim – 10 mm recess	
	Stainless steel with carpet trim – 6 mm recess	
	Stainless steel with edge trim – 10 mm recess	
	Brass with carpet trim – 6 mm recess	
	Brass with edge trim – 10 mm recess	

(1) Due to overall depth, these items will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO and AFS). When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring

(2) For Arteor mounting frames, refer to the latest Wiring Devices catalogue

	1 compartment	2 compartment	3 compartment	4 compartment
	–	–	FFO3BB	FFO4BB
	–	AFS2BB261	–	AFS4BB261
	–	AFS2BB265	–	AFS4BB265
	–	–	AFS3BB361	AFS4BB361
	–	–	AFS3BB365	AFS4BB365
	–	–	AFS3BB391	AFS4BB391
	–	–	AFS3BB395	AFS4BB395
	–	AFU2BB78	AFU3BB78	AFU4BB78
	–	AFU2BB90	AFU3BB90	AFU4BB90
	AFU1CON78	AFU2CON78	AFU3CON78	AFU4CON78
	AFU1CON90	AFU2CON90	AFU3CON90	AFU4CON90
	SP3201	SP3201	SP3201	SP4201
	SP3200	SP3200	SP3200	SP4200
	SP3211	SP3211	SP3211	SP4211
	SP3300	SP3300	SP3300	SP4300
	SP3310	SP3310	SP3310	SP4310
	SP3221	SP3221	SP3221	SP4221
	SP3220	SP3220	SP3220	SP4220
	SP3231	SP3231	SP3231	SP4231
	SP3202	SP3202	SP3202	SP4202
	SP3212	SP3212	SP3212	SP4212
	SP3203	SP3203	SP3203	SP4203
	SP3403	SP3403	SP3403	SP4403
	SP3404	SP3404	SP3404	SP4404
	SP3603	SP3603	SP3603	SP4603
	SP3408	SP3408	SP3408	SP4408
	SP3205	SP3205	SP3205	–
	SP3105	SP3105	SP3105	–
	SP3106	SP3106	SP3106	SP4106
	SP3206	SP3206	SP3206	SP4206
	SP3000	SP3000	SP3000	SP4000
	SP3107	SP3107	SP3107	SP4107
	SP3207	SP3207	SP3207	SP4207
	–	FBL2ABS	FBL3ABS	FBL3ABS
	–	FBL2COM	FBL3COM	FBL3COM
	FBL1MCT	FBL2MCT	FBL3MCT	FBL3MCT
	FBL1MET	FBL2MET	FBL3MET	FBL3MET
	FBL1SCT	FBL2SCT	FBL3SCT	FBL3SCT
	FBL1SET	FBL2SET	FBL3SET	FBL3SET
	FBL1BCT	FBL2BCT	FBL3BCT	FBL3BCT
	FBL1BET	FBL2BET	FBL3BET	FBL3BET



Trunking length  
FFO332

*Dimensions and technical information (p. 46)*  
*Screed floor outlet boxes selection chart (p. 38-39)*  
*Installation details (p. 49)*

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3  
Standard lengths : trunking 2.0 m, lid 0.5 m  
Standard lid thickness : 2.5 mm  
Each 2 m length is fitted with 4 x 500 mm long lids and supplied complete with all necessary connectors and screws  
Trunking to floor fixings not supplied  
A service outlet floor box can be fitted at each lid position

Pack	Cat. Nos.	Flush floor trunking	
1	3 comp FFO332   4 comp FFO342	<b>Trunking length – 2 m</b> 370 x 65 mm	
1	FFO330	<b>Spare connector set</b> 370 x 65 mm – spare connector set	
		<b>90° riser bend</b> Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	3 comp FFO3311   4 comp FFO3411	370 x 65 mm	
1	3 comp FFOS3SK6   4 comp FFOS4SK6	<b>Back entry skirting adaptor</b> 370 x 65 – 150 mm high skirting	
1	FFOS3SK8   FFOS4SK8	370 x 65 – 200 mm high skirting	
1	3 comp FFOT332T   4 comp FFOT342T	<b>Cable trunking adaptor</b> 370 x 65 mm To complete the Cat. No. specify : T = standard cable trunking Cat. No. Example : FFOT 332 MGR623C	

Pack	Cat. Nos.	Flush floor trunking (continued)	
1	FFO3312	<b>End cap</b> 370 x 65 mm	
1	3 comp FFO3313   4 comp FFO3413	<b>Junction box</b> Supplied with connections and plates Can be configured as a fourway, tee, bend or straight through connector box 370 x 65 mm	
1	3 comp FFO3BB   4 comp FFO4BB	<b>Service outlet base boxes</b> Service outlet base boxes are supplied fitted into a 500 mm long cover To complete the system, the outlet base box requires outlet plates, lid and trim Outlet plates, lids and trims ordered separately, (see p. 44)	

**Flush floor trunking can be supplied in widths and depths greater than 370 x 65 mm to special order**

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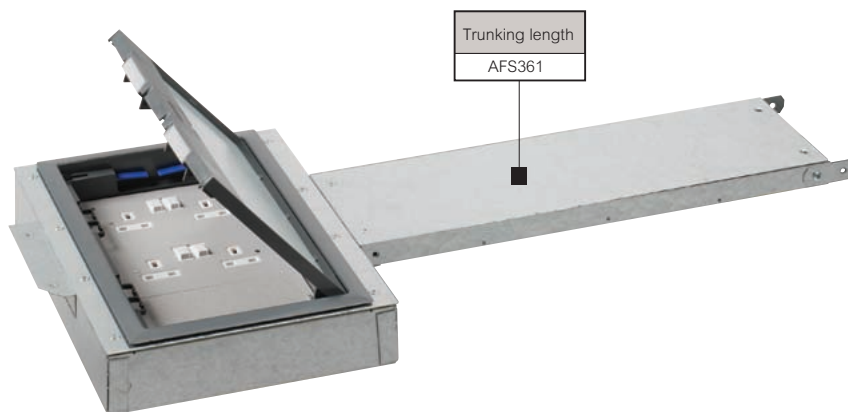
**All trims for service outlet boxes can be ABS, stainless steel, brass or powder coated any colour**

See p. 44

# commercial floor trunking systems

## shallow flush floor trunking

NEW



**Dimensions and technical information (p. 47)**  
**Screed floor outlet boxes selection chart (p. 38-39)**  
**Installation details (p. 49)**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3

Standard lengths : trunking 2.0 m, lid 0.5 m

Standard lid thickness : 2.5 mm

Each 2 m length is fitted with 4 x 500 mm long lids and supplied complete with all necessary connectors and screws

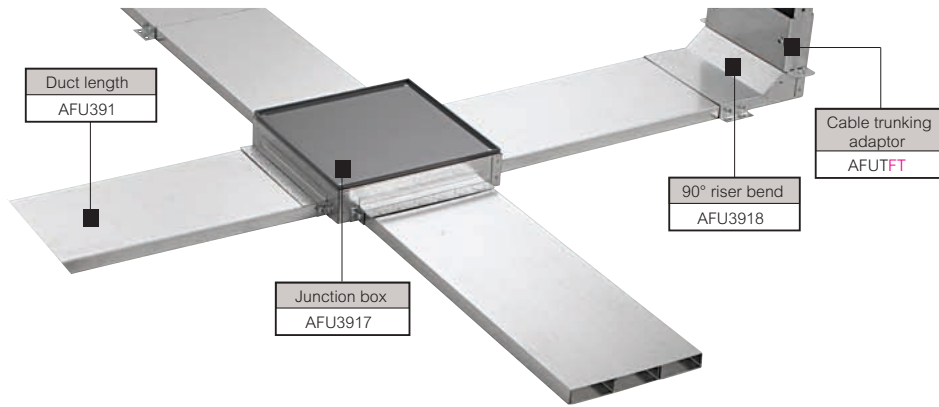
Pack	Cat. Nos.	Shallow flush floor trunking	Pack	Cat. Nos.	Shallow flush floor trunking (continued)
		<b>Trunking length – 2 m</b>			<b>End cap</b>
1	2 comp AFS261	150 x 25 mm	1	AFS2615	150 x 25 mm
1	3 comp AFS361	150 x 38 mm	1	AFS2655	150 x 38 mm
1	AFS365	225 x 25 mm	1	AFS3915	225 x 25 mm
1	AFS391	225 x 38 mm	1	AFS3955	225 x 38 mm
		<b>Spare connector set</b>			<b>Junction box</b>
1	AFS3611	150 mm wide			Supplied with connections and plates Can be configured as a fourway, tee, bend or straight through connector box
1	AFS3911	225 mm wide			
		<b>90° riser bend</b>			
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	1	2 comp AFS2614	150 x 25 mm
			1	3 comp AFS3614	150 x 38 mm
			1	AFS2654	225 x 25 mm
			1	AFS3654	225 x 38 mm
			1	AFS3914	
			1	AFS3954	
					<b>Service outlet base boxes</b>
					Service outlet base boxes are supplied empty Service outlet boxes are 65 mm deep Due to shallow depth of trunking, box locations need to be defined and recessed locally before installation To complete the system, the outlet base box requires outlet plates, lid and trim Outlet plates, lids and trims ordered separately, (see p. 44)
1	2 comp AFS2613	150 x 25 mm	1	2 comp AFS2BB261	To suit 150 x 25 mm trunking
1	3 comp AFS3613	150 x 38 mm	1	3 comp AFS3BB361	To suit 150 x 38 mm trunking
1	AFS2653	225 x 25 mm	1	AFS2BB265	To suit 225 x 25 mm trunking
1	AFS3653	225 x 38 mm	1	AFS3BB365	To suit 225 x 38 mm trunking
1	AFS3913		1	AFS3BB391	
1	AFS3953		1	AFS3BB395	
		<b>Back entry skirting adaptor</b>			
1	AFSSFSKS	To complete the Cat. No. specify : F = shallow flush floor trunking size code S = skirting trunking depth in inches Example : AFSS 361 SK6			
		<b>Cable trunking adaptor</b>			
1	AFSTFT	Supplied with turnbuckle fix lid To complete the Cat. No. specify : F = shallow flush floor trunking size code T = standard cable trunking Cat. No. Example : AFST 361 MGR623C			
			1	4 comp AFS4BB261	To suit 150 x 25 mm trunking
			1	AFS4BB265	To suit 150 x 38 mm trunking
			1	AFS4BB361	To suit 150 x 25 mm trunking
			1	AFS4BB365	To suit 150 x 38 mm trunking
			1	AFS4BB391	To suit 225 x 25 mm trunking
			1	AFS4BB395	To suit 225 x 38 mm trunking

**Shallow flush floor trunking can be supplied in different widths and depths**

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# commercial floor trunking systems

## underfloor duct



**Dimensions and technical information (p. 47)**  
**Screed floor outlet boxes selection chart (p. 38-39)**  
**Installation details (p. 49)**

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3  
 Standard length : 2.0 m. Standard lid thickness : 1.0 mm  
 Each 2 m length is supplied with 2 saddle clamps and screws  
 Duct to floor fixings are not supplied

Pack	Cat. Nos.	Underfloor duct	Pack	Cat. Nos.	Underfloor duct (continued)
		<b>Duct length – 2 m</b>			<b>End cap</b>
1	2 comp AFU261	3 comp AFU361 150 x 25 mm	1	AFU2615	150 x 25 mm
1	AFU265	AFU365 150 x 38 mm	1	AFU2655	150 x 38 mm
1		AFU391 225 x 25 mm	1	AFU3915	225 x 25 mm
1		AFU395 225 x 38 mm	1	AFU3955	225 x 38 mm
1		AFU311 300 x 25 mm	1	AFU3115	300 x 25 mm
1		AFU315 300 x 38 mm	1	AFU3155	300 x 38 mm
		<b>Spare saddle clamp</b>			<b>Junction box</b>
1	AFU2612	150 x 25 mm			Can be configured as a fourway, tee, bend or straight through connector box
1	AFU2652	150 x 38 mm			When using with a conduit system, select junction box depending on conduit size
1	AFU3912	225 x 25 mm			For 20 mm conduit use junction box that would suit a 25 mm ducting
1	AFU3952	225 x 38 mm			For 25 mm conduit use junction box that would suit a 38 mm ducting
1	AFU3112	300 x 25 mm			To suit screed 63 mm to 78 mm deep
1	AFU3152	300 x 38 mm			
		<b>90° flat bend</b>			
1	2 comp AFU2613	3 comp AFU3613 150 x 25 mm	1	2 comp AFU2617	3 comp AFU3617 150 x 25 mm
1	AFU2653	AFU3653 150 x 38 mm	1		AFU3917 225 x 25 mm
1		AFU3913 225 x 25 mm	1		AFU3117 300 x 25 mm
1		AFU3953 225 x 38 mm			
1		AFU3113 300 x 25 mm			
1		AFU3153 300 x 38 mm			
		<b>90° riser bend</b>			
		Supplied with screeding cover	1	AFU2656	AFU3656 To suit screed 75 mm to 90 mm deep
		Provides conduit entry with	1		AFU3956 150 x 38 mm
		20 mm knockouts	1		AFU3156 225 x 38 mm
1	2 comp AFU2618	3 comp AFU3618 150 x 25 mm			
1	AFU2654	AFU3654 150 x 38 mm			
1		AFU3918 225 x 25 mm			
1		AFU3954 225 x 38 mm			
1		AFU3118 300 x 25 mm			
1		AFU3154 300 x 38 mm			
		<b>Back entry skirting adaptor</b>			
1	AFUSFSK S	To complete the Cat. No. specify : F = underfloor duct size code S = skirting trunking depth in inches (either 6 or 8) Example : AFUS 391 SK6			
		<b>Cable trunking adaptor</b>			
1	AFUTFT	Supplied with turnbuckle fix lid To complete the Cat. No. specify : F = underfloor duct size code T = standard cable trunking Cat. No. Example : AFUT 395 MGR623C			

**Underfloor duct can be supplied in other widths, depths and compartment configurations to special order**

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# commercial floor trunking systems NEW

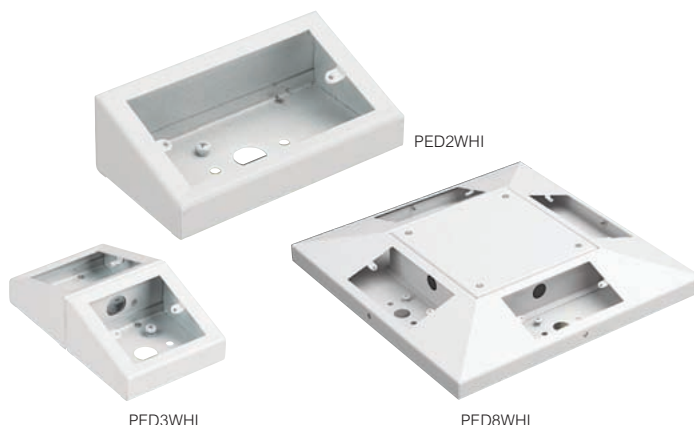
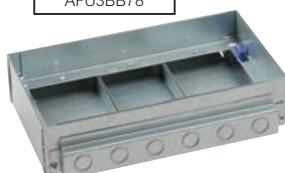
underfloor duct (continued)

# pedestal units

Service outlet box  
2 compartment  
AFU2BB78



Service outlet box  
3 compartment  
AFU3BB78



Dimensions and technical information (p. 47)  
Screed floor outlet boxes selection chart (p. 38-39)  
Installation details (p. 49)

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3  
Standard length : 2.0 m. Standard lid thickness : 1.0 mm  
Each 2 m length is supplied with 2 saddle clamps and screws  
Duct to floor fixings are not supplied

Dimensions and technical information (p. 50)

Material : zinc coated mild steel to BS EN 10152  
Colour : white epoxy powder coated, RAL 9003. For other colours, please specify RAL number  
Zintec finish is available on request (Zintec pedestal units are to be painted on site)

## Pack Cat. Nos. In-screed service outlet base boxes

		Service outlet base boxes are supplied empty To complete the system, the outlet base box requires outlet plates, lid and trim Outlet plates, lids and trims ordered separately, (see p. 44) Use a 2 or 4 compartment service outlet box with 2 compartment duct 2 compartment box can only be used with 150 and 225 mm wide ducting
1	AFU2BB78	<b>To fit 25 mm deep ducting</b> To suit screed 63 mm to 78 mm deep 2 compartment to suit 25 mm shallow ducting
1	AFU3BB78	3 compartment to suit 25 mm shallow ducting
1	AFU4BB78	4 compartment to suit 25 mm shallow ducting
		<b>To fit 38 mm deep ducting</b> To suit screed 75 mm to 90 mm deep
1	AFU2BB90	2 compartment box to suit 38 mm deep ducting
1	AFU3BB90	3 compartment box to suit 38 mm deep ducting
1	AFU4BB90	4 compartment box to suit 38 mm deep ducting
		<b>20 mm conduit fed</b> To suit screed 63 mm to 78 mm deep
1	AFU1CON78	1 compartment box to suit 20 mm conduit
1	AFU2CON78	2 compartment box to suit 20 mm conduit
1	AFU3CON78	3 compartment box to suit 20 mm conduit
1	AFU4CON78	4 compartment box to suit 20 mm conduit
		<b>25 mm conduit fed</b> To suit screed 75 mm to 90 mm deep
1	AFU1CON90	1 compartment box to suit 25 mm conduit
1	AFU2CON90	2 compartment box to suit 25 mm conduit
1	AFU3CON90	3 compartment box to suit 25 mm conduit
1	AFU4CON90	4 compartment box to suit 25 mm conduit

## Pack Cat. Nos. Pedestal units

1	PED1WHI	<b>Single socket</b>	
1	PED2WHI	<b>Twin socket</b>	
1	PED3WHI	<b>Back-to-back single sockets</b>	
1	PED4WHI	<b>Back-to-back twin sockets</b>	
1	PED8WHI	<b>Pyramid box</b>	

Pedestal units are available in other dimensions and finishes to special order

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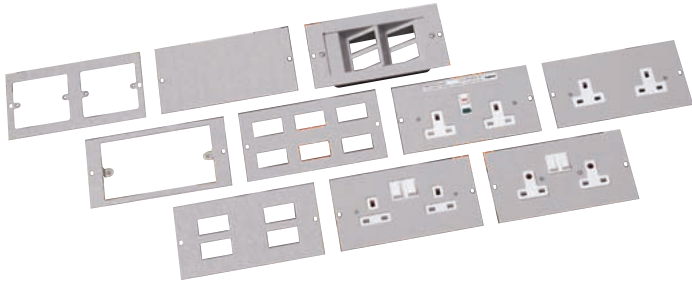
## outlet plates for floor trunking

power and data

**NEW**

## lids and trims for floor trunking

**NEW**



**Screed floor outlet boxes selection chart (p. 38-39)**  
Installation details (p. 17)

Plates to fit 1, 2 and 3 compartment boxes are all 100 mm wide  
4 compartment plates are 75 mm wide  
Non-standard sockets have a round earth pin  
Due to overall depth, RCD sockets and wave type data plates will NOT fit in the flush floor and shallow flush floor ranges (Cat. Nos. FFO/AFS).  
When using with underfloor duct systems (Cat. No. AFU) the outlet box must be raised by 8 mm from the lowest point to allow for wiring

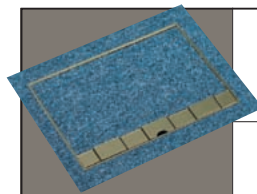
**Screed floor outlet boxes selection chart (p. 38-39)**  
Installation details (p. 17)

Moulded lids and trims are manufactured from durable ABS and feature a quick fit / release ratchet system  
Carpet trim versions are supplied with a 6 mm carpet recess  
Edge trim versions are supplied with a 10 mm recess  
Metal trim versions are powder coated grey RAL7024 matt as standard  
Stainless steel is satin finish as standard  
Brass is polished finish as standard

Pack	Cat. Nos.		Power and data plates
	1, 2, 3 comp. 100 mm wide	4 comp. 75 mm wide	
			<b>13 A standard socket plates</b>
1	SP3201	SP4201	Twin switched
1	SP3200	SP4200	Twin unswitched
1	SP3211	SP4211	Twin switched clean earth
1	SP3300	SP4300	Triple unswitched
1	SP3310	SP4310	Triple unswitched clean earth
			<b>13 A non-standard socket plates</b>
1	SP3221	SP4221	Twin NS switched
1	SP3220	SP4220	Twin NS unswitched
1	SP3231	SP4231	Twin NS switched clean earth
			<b>RCD socket plates</b>
1	SP3202	SP4202	2 gang
1	SP3212	SP4212	2 gang – clean earth
			<b>Data plates</b>
1	SP3203	SP4203	37 x 22 mm – 2 cut-outs
1	SP3403	SP4403	37 x 22 mm – 4 cut-outs
1	SP3404	SP4404	37 x 22 mm – 4 cut-outs (wave plate)
1	SP3603	SP4603	37 x 22 mm – 6 cut-outs
1	SP3408	SP4408	47.5 x 23.5 mm – 4 cut-outs
			<b>General</b>
1	SP3205	-	2 x standard single outlet 60.3 mm
1	SP3105	-	Standard 2 gang outlet plate 120.6 mm
1	SP3106	SP4106	50 x 50 mm – 1 cut-out plate
1	SP3206	SP4206	50 x 50 mm – 2 cut-out plate
1	SP3000	SP4000	Blank plate
1	SP3107	SP4107	58 x 53.5 mm – 1 cut-out plate to accept Arteor mounting frame (Cat. No. 576016) <sup>(1)</sup>
1	SP3207	SP4207	58 x 53.5 mm – 2 cut-outs plate to accept 2 x Arteor mounting frames (Cat. No. 576016) <sup>(1)</sup>
			<b>Fasteners</b>
50	SPSCREW		M3.5 x 6 spare socket plate screws

Pack	Cat. Nos.		Floor box lids and trims
	1 comp.	2 comp.	
			<b>1 and 2 compartment</b>
			<b>Carpet trim</b>
1	-	FBL2ABS	ABS
1	FBL1MCT	FBL2MCT	Metal – grey
1	FBL1SCT	FBL2SCT	Stainless steel
1	FBL1BCT	FBL2BCT	Brass
			<b>Edge trim</b>
1	-	FBL2COM	ABS lid/metal trim – ABS/grey
1	FBL1MET	FBL2MET	Metal – grey
1	FBL1SET	FBL2SET	Stainless steel
1	FBL1BET	FBL2BET	Brass
			<b>3 and 4 compartment</b>
			<b>Carpet trim</b>
1	-	FBL3ABS	ABS
1	-	FBL3MCT	Metal – grey
1	-	FBL3SCT	Stainless steel
1	-	FBL3BCT	Brass
			<b>Edge trim</b>
1	-	FBL3COM	ABS lid/metal trim – ABS/grey
1	-	FBL3MET	Metal – grey
1	-	FBL3SET	Stainless steel
1	-	FBL3BET	Brass

(1) For Arteor mounting frames, refer to the latest Wiring Devices catalogue



**Metal lids and trims can be powder coated to any RAL reference. Other options, such as lockable lids, are available to special order**

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## commercial floor trunking systems

### flush lid floor trunking

## commercial floor trunking systems

### recessed lid floor trunking



Dimensions and technical information (p. 48)  
Installation details (p. 49)

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3  
Standard length : 2.0 m  
Standard lid thickness : 2.5 mm  
Supplied complete with all necessary connectors and screws  
Internal dividers are fitted on all trunking lengths 225 mm and above to provide lid support

**Service outlet boxes are not available for this range**

Dimensions and technical information (p. 48)  
Installation details (p. 49)

Body and lid manufactured from pre-galvanised sheet steel to BS EN 10142 and 3  
Standard length : 2.0 m  
Standard lid thickness : 2.5 mm  
Lid recess : 3.5 mm  
Supplied complete with all necessary connectors and screws  
Internal dividers are fitted on all trunking lengths 225 mm and above to provide lid support

**Service outlet boxes are not available for this range**

Pack	Cat. Nos.	Flush lid floor trunking	
		<b>Trunking length – 2 m</b>	
1	FF42	100 x 50 mm	
1	FF63	150 x 75 mm	
1	FF124	300 x 100 mm	
		<b>90° riser bend</b>	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	FFRB42	100 x 50 mm	
1	FFRB63	150 x 75 mm	
1	FFRB124	300 x 100 mm	
		<b>End stop</b>	
1	FFEB42	100 x 50 mm	
1	FFEB63	150 x 75 mm	
1	FFEB124	300 x 100 mm	
		<b>Junction box</b>	
		Supplied with connectors and plates To be configured as a fourway, tee, bend or straight through connector box	
1	FFI42	100 x 50 mm	
1	FFI63	150 x 75 mm	
1	FFI124	300 x 100 mm	

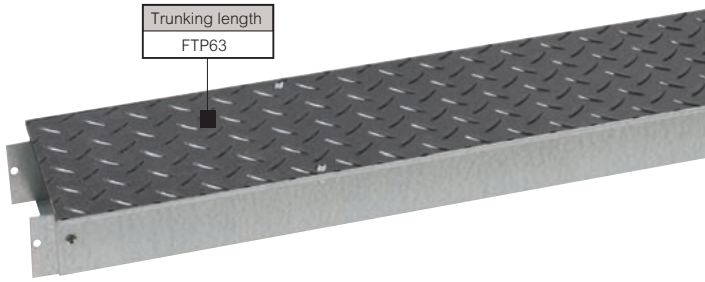
Pack	Cat. Nos.	Recessed lid floor trunking	
		<b>Trunking length – 2 m</b>	
1	FRL42	100 x 50 mm	
1	FRL63	150 x 75 mm	
1	FRL124	300 x 100 mm	
		<b>90° riser bend</b>	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	FRLRB42	100 x 50 mm	
1	FRLRB63	150 x 75 mm	
1	FRLRB124	300 x 100 mm	
		<b>End stop</b>	
1	FRLEB42	100 x 50 mm	
1	FRLEB63	150 x 75 mm	
1	FRLEB124	300 x 100 mm	
		<b>Junction box</b>	
		Supplied with connectors and plates To be configured as a fourway, tee, bend or straight through connector box	
1	FRLI42	100 x 50 mm	
1	FRLI63	150 x 75 mm	
1	FRLI124	300 x 100 mm	

**Flush lid and recessed lid floor trunking can be supplied in other widths, depths and compartment configurations to special order**

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## industrial floor trunking systems

### chequer plate floor trunking

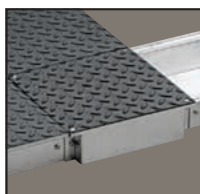


*Dimensions and technical information (p. 48)*  
*Installation details (p. 49)*

Body manufactured from pre-galvanised sheet steel to BS EN 10142 and 3  
Lid manufactured from mild steel, powder coated grey 18B25  
Other colours available to special order  
Standard lengths : body 2.0 m, lid 1.0 m  
Standard lid thickness : 6.5 mm  
Chequer plate floor trunking is available in single compartment as  
standard complete with lid, all necessary connectors and screws  
Internal dividers are fitted on all trunking lengths 225 mm and above to  
provide lid support

**Service outlet boxes are not available for this range**

Pack	Cat. Nos.	Chequer plate floor trunking	
		<b>Trunking length – 2 m</b>	
1	FTP42	100 x 50 mm	
1	FTP63	150 x 75 mm	
1	FTP124	300 x 100 mm	
		<b>90° riser bend</b>	
		Supplied with screeding cover Provides conduit entry with 20 mm knockouts	
1	FTPRB42	100 x 50 mm	
1	FTPRB63	150 x 75 mm	
1	FTPRB124	300 x 100 mm	
		<b>End stop</b>	
1	FTPEB42	100 x 50 mm	
1	FTPEB63	150 x 75 mm	
1	FTPEB124	300 x 100 mm	
		<b>Junction box</b>	
		Supplied with connectors and plates To be configured as a fourway, tee, bend or straight through connector box	
1	FTPI42	100 x 50 mm	
1	FTPI63	150 x 75 mm	
1	FTPI124	300 x 100 mm	



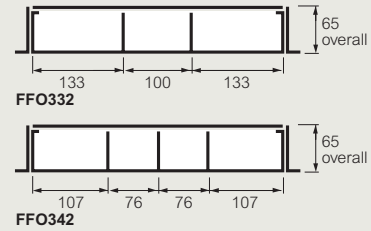
**Chequer plate floor trunking can be supplied in other widths, depths and compartment configurations to special order**

**Contact us on +44 (0) 870 608 9020**

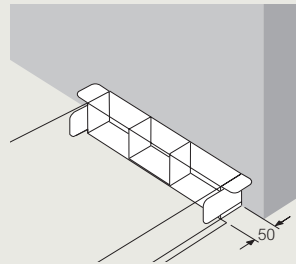
## commercial floor trunking systems

### dimensions and technical information

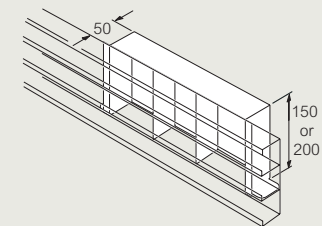
#### Flush floor trunking



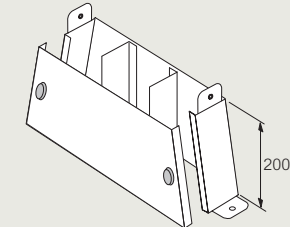
#### 90° riser bends



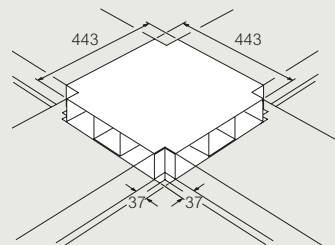
#### Back entry skirting adaptor



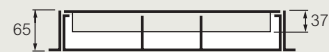
#### Cable trunking adaptors



#### Junction box



#### Service outlet boxes



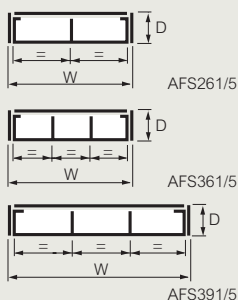
Reduced cabling area when fitting service outlet box

# commercial floor trunking systems

## dimensions and technical information

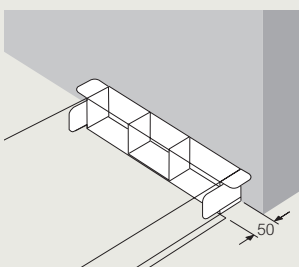
### Shallow flush floor trunking

	W	D
AFS261	153	25
AFS265	153	38
AFS361	153	25
AFS365	153	38
AFS391	228	25
AFS395	228	38

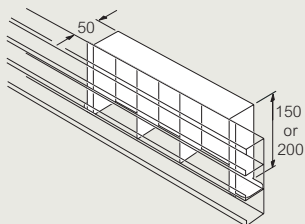


W = Overall trunking width  
D = Overall trunking depth

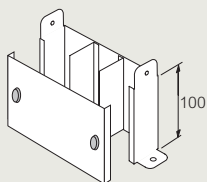
### 90° riser bends



### Back entry skirting adaptor



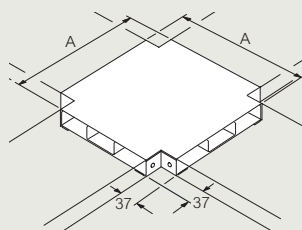
### Cable trunking adaptors



### Junction box

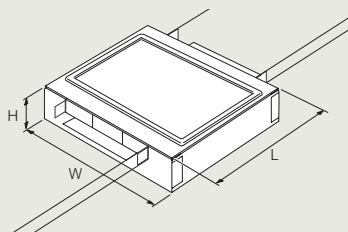
Trunking width	A
150	223
225	298

A = Trunking end to end



### Service outlet boxes

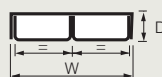
Compartment	W	L	H
2C	297	274	65
3C	372	274	65
4C	372	274	65



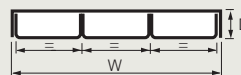
All dimensions (mm) are nominal

### Underfloor duct

	W	D
AFU261	150	25
AFU265	150	38



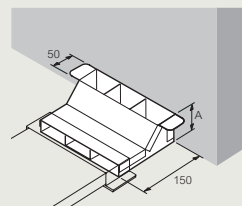
	W	D
AFU361	150	25
AFU365	150	38
AFU391	225	25
AFU395	225	38
AFU311	300	25
AFU315	300	38



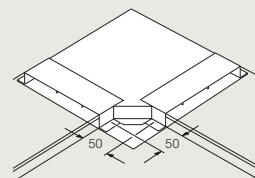
W = Overall ducting width  
D = Overall ducting depth

### 90° riser bends

Duct depth	A
25	78
38	90

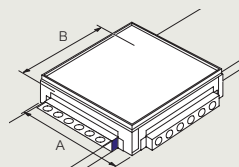


### 90° flat bends



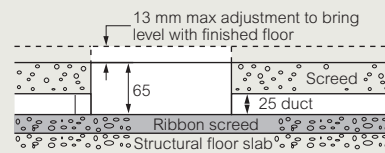
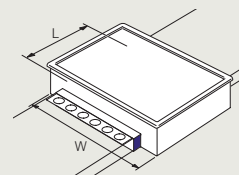
### Junction box

Junction box trunking width	A	B
150/225	302	336
300	477	411



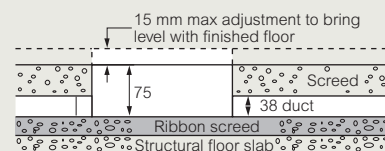
### Service outlet box

Compartment	W	L
2C	272	270
3C	347	279
3C	347	279



**65-78 mm**  
AFU2CON78  
AFU3CON78  
AFU4CON78  
AFU2BB78  
AFU3BB78  
AFU4BB78

Using a 25 mm deep duct, junction boxes and service outlet boxes provide conduit entry with 20 mm knockouts only, and are adjustable from 63 to 78 mm deep



**75-90 mm**  
AFU2CON90  
AFU3CON90  
AFU4CON90  
AFU2BB90  
AFU3BB90  
AFU4BB90

Using a 38 mm deep duct, junction boxes and service outlet boxes provide conduit entry with 20/25 mm combination knockouts and are adjustable from 75 to 90 mm deep

# commercial floor trunking systems

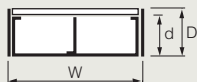
## dimensions and technical information

### ■ Flush lid and recessed lid floor trunking

#### Flush lid

	W	D	d
FF42	102.5	50	47.5
FF63	152.5	75	72.5
FF124	302.5	100	97.5

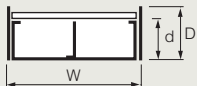
W = Overall trunking width  
d = Depth to underside of trunking lid  
D = Overall trunking depth



#### Recessed lid

	W	D	d
FRL42	102.5	50	44
FRL63	152.5	75	69
FRL124	302.5	100	94

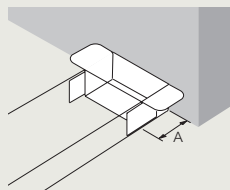
W = Overall trunking width  
d = Depth to underside of trunking lid  
D = Overall trunking depth



#### 90° riser bends

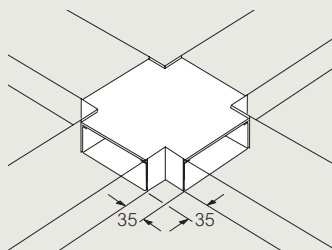
For flush lid and recessed lid floor trunking

Duct depth	A
50	50
75	75
100	100

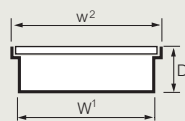


#### Junction box

For flush lid and recessed lid floor trunking



### ■ Chequer plate floor trunking

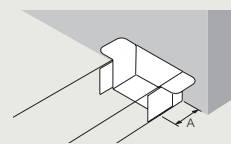


W<sup>1</sup> = Overall trunking width  
D = Overall trunking depth  
w<sup>2</sup> = Overall width including trunking lid

	W <sup>1</sup>	D	w <sup>2</sup>
<b>FTP42</b>	100	50	150
<b>FTP63</b>	150	75	200
<b>FTP124</b>	300	100	350

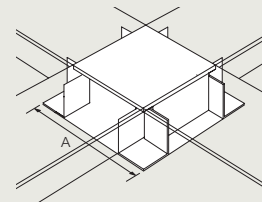
#### 90° riser bends

Duct depth	A
50	50
75	75
100	100



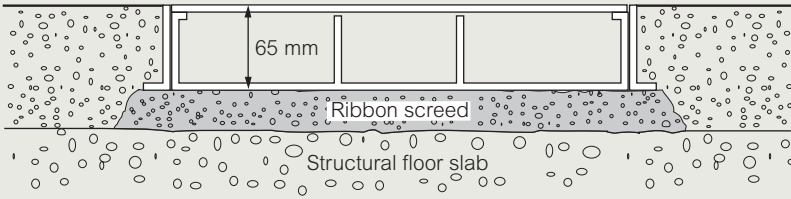
#### Junction box

Trunking width	A
100	150
150	200
300	350

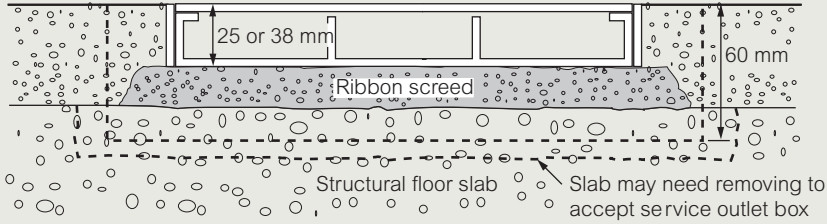


## ■ Installation details

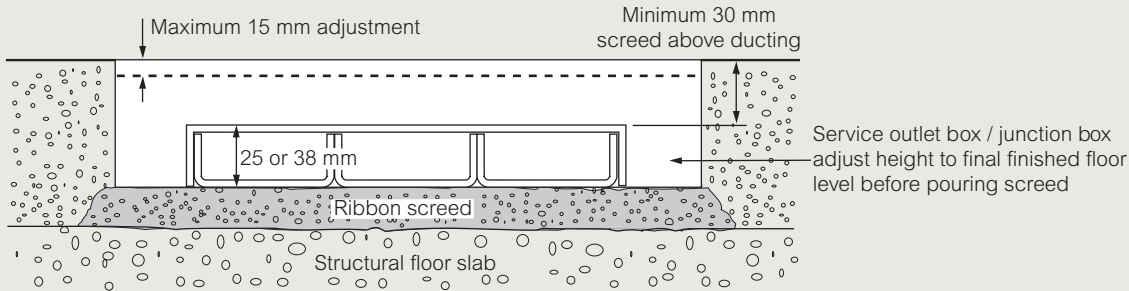
### Flush floor trunking in screeded floor



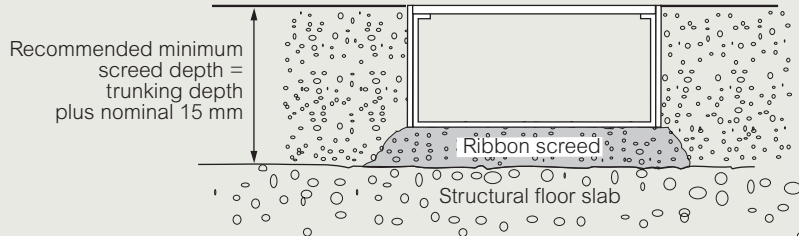
### Shallow flush floor trunking in screeded floor



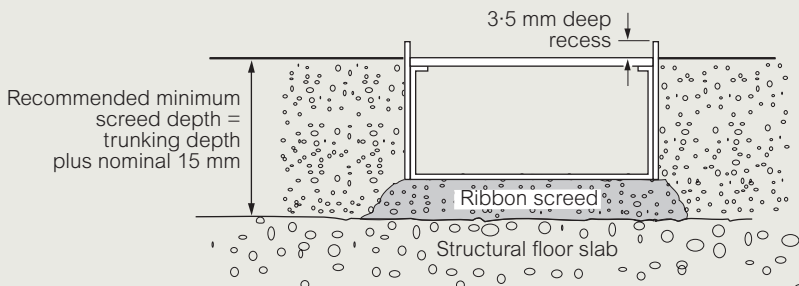
### Underfloor duct in screeded floor



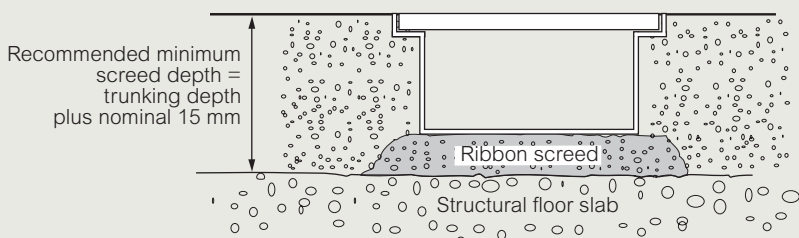
### Flush lid floor trunking in screeded floor



### Recessed lid floor trunking in screeded floor



### Chequer plate floor trunking in screeded floor



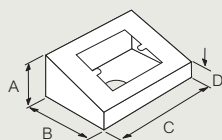
# pedestal units

## technical information

### ■ Pedestal units dimensions

#### Single socket

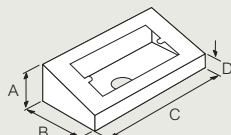
<b>A</b>	54
<b>B</b>	89
<b>C</b>	102
<b>D</b>	24



Cat. No. PED1WHI

#### Twin socket

<b>A</b>	54
<b>B</b>	89
<b>C</b>	162
<b>D</b>	24

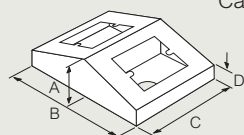


Cat. No. PED2WHI

#### Back-to-back sockets

##### single socket

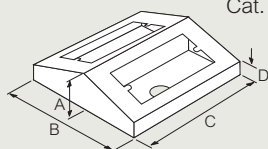
<b>A</b>	54
<b>B</b>	178
<b>C</b>	102
<b>D</b>	24



Cat. No. PED3WHI

##### twin socket

<b>A</b>	54
<b>B</b>	178
<b>C</b>	162
<b>D</b>	24

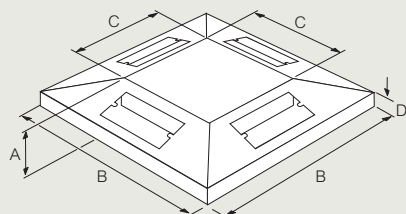


Cat. No. PED4WHI

For all pedestal units above, hole diameter in base is 20 mm

#### Pyramid box

<b>A</b>	55
<b>B</b>	368
<b>C</b>	184
<b>D</b>	24



Cat. No. PED8WHI

# Protection classifications

## Protection against solid bodies and liquids : Index of protection - IP xx

Degree of protection of enclosures of electrical equipment in accordance with standards IEC 60529, BS EN 60529  
Up to 1 000 V~ and 1 500 V~

**1st figure : protection against solid bodies**

IP	tests	
0		No protection
1		Protected against solid bodies of 50 mm and greater (e.g. accidental contact with the hand)
2		Protected against solid bodies of 12.5 mm and greater (e.g. finger)
3		Protected against solid bodies of 2.5 mm and greater (e.g. tools, wires)
4		Protected against solid bodies larger than 1 mm (e.g. thin tools and fine wires)
5		Protected against dust (no harmful deposit)
6		Completely protected against dust

**2nd figure : protection against liquids**

IP	tests	
0		No protection
1		Protected against vertically falling drops of water (condensation)
2		Protected against drops of water falling up to 15° from the vertical
3		Protected against water sprayed up to 60° from the vertical
4		Protected against splashing water from all directions
5		Protected against jets of water from all directions
6		Protected against powerful jets of water from all directions
7		Protected against the effects of temporary immersion in water
8		Protected against the continuous effects of immersion in water having regard to specific conditions

## Protection against mechanical impact : Index of protection - IK

According to standards IEC 62262 and BS EN 62262

IK	Tests	Impact energy (in Joules)
IK 00		0
IK 01		0.15
IK 02		0.2
IK 03		0.35
IK 04		0.5
IK 05		0.7
IK 06		1
IK 07		2
IK 08		5
IK 09		10
IK 10		20

(1) A product previously classed as IP xx-7 can be assumed to fulfill the conditions of an IP xx - IK 08

This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code (graduated from 00 to 10). It can also be used to ascertain the correspondence with the old IP code 3rd digit and the corresponding external "Ag" conditions.

The contents of the Protection Classifications charts are for guidance only. If you have any doubt as to the interpretation of the information contained therein, please refer either to the standard itself or contact Legrand.

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1. Section 6 of this Act provides that manufacturers, designers, importers or suppliers of articles for use at work have a duty to ensure so far as is reasonably practical, that the article will be safe and without risk to health when properly used. An article is not regarded as being 'properly used' if it is used without regard to any relevant information or advice relating to its use made available by the manufacturer, designer, importer or supplier.

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3. All products should be installed and maintained in accordance with good engineering practice and relevant British or

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### Health and Safety at Work Act

#### The Electricity at Work Regulations, 1989

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Email : [cservices@bsi-global.com](mailto:cservices@bsi-global.com)

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