

## Floor Box Power Distribution

CMD Ltd offer four floor box variants. They are designed for use in commercial environments and provide an efficient fast-fit on site installation and ease of access to power sockets and data.

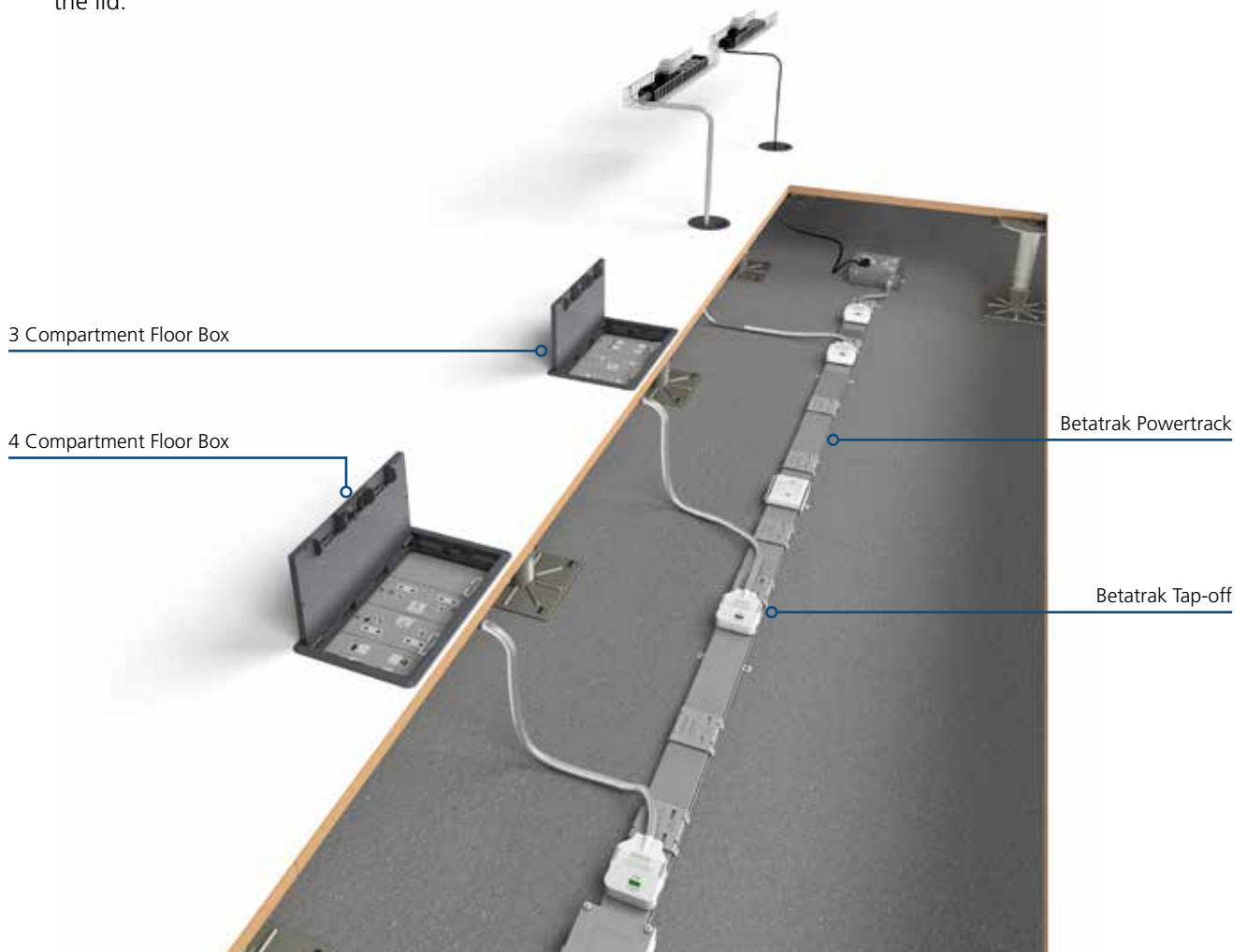
### The floor boxes available are:

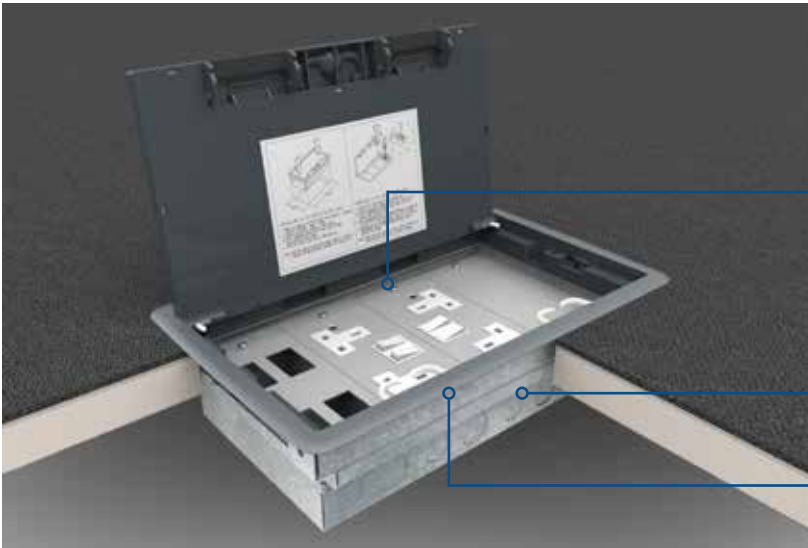
- 20 Series Floor Box (Single Box Base).
- 20A Series Floor Box (Separate Box Bases).
- 99 Series Floor Box (Single Box Base).
- 90 Series Stainless Steel Floor Box (Single Box Base).

The 20 and 20A Series fast-fit floor boxes are suitable for raised floor applications. The 99 and 90 Series floor boxes are suitable for raised floor and screed floor applications.

### The benefits of using a CMD Floor Box:

- Multiple options available designed to meet your specification requirements.
- Designed to comply with BS EN 61534 Traffic Load Tests.
- All floor boxes for raised floors can be pre-wired with Betatrak Tap-offs for ease of installation.
- Low profile floor box surround to reduce the risk of tripping as per BS EN 61534-22 Powertrack systems. Particular requirements for powertrack systems intended for onfloor or underfloor installation, section 9.
- 20, 20A and 99 Series floor boxes fit the same floor tile aperture. Carpet can be fitted into a 6.5mm recess in the lid.





**Fully configurable floor box**

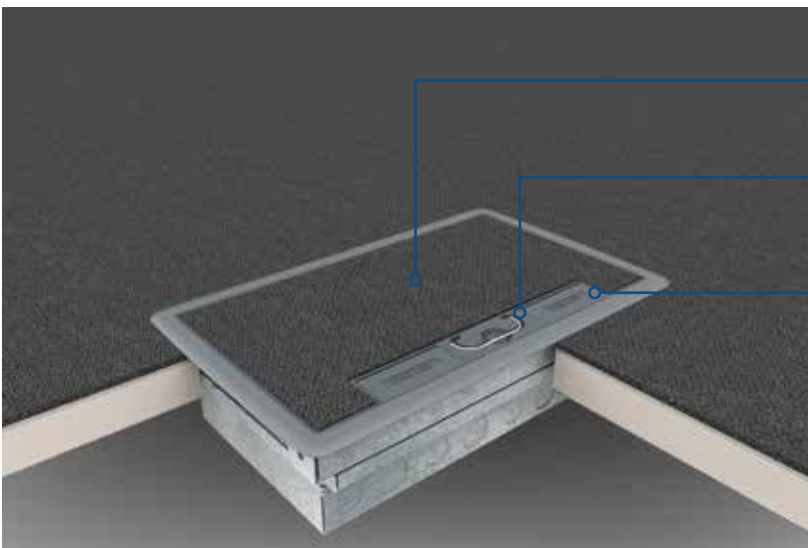
- Wide range of accessory plates.
- Can be prewired with Betatrak Tap-offs.
- Deeper versions available.

**Fast-fit advantages**

- Quick removal with services fitted.
- Installation tolerance of -0/+3mm.
- Fixes to floor thicknesses of 15-50mm.

**Grey moulded PC/ABS**

- RAL 7031.



**Carpet inlay**

- 6.5mm.

**Handle**

- Self Closing.

**Robust cable outlet**

- Designed with 'Anti-Trip' facility.

**Optional lockable lid**

- Added security allows access for skilled or instructed persons only.

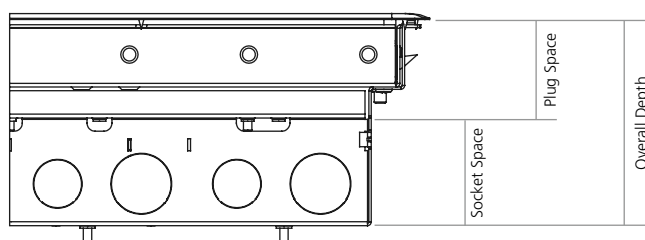
# Floor Boxes

## 20 Series Floor Box (Single Box Base)

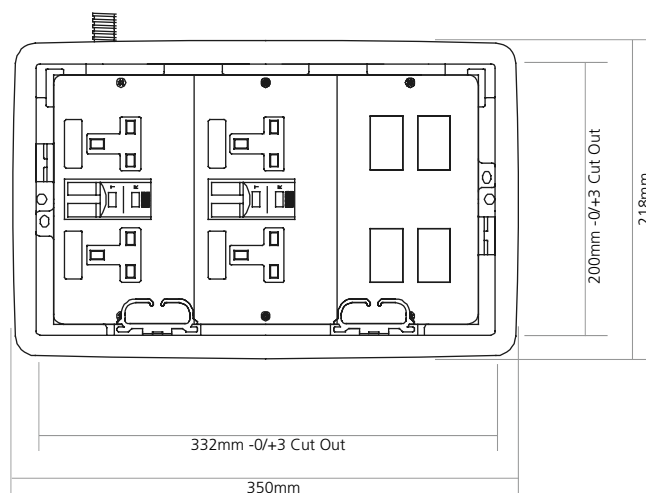
The 20 Series floor box is suitable for raised floor applications and is divided into 3 or 4 compartments. The 20 Series floor boxes are designed for use in commercial environments and provide an efficient fast-fit on site installation and ease of access to power sockets and data.

### Features include:

- One-piece box base divided into 3 or 4 compartments.
- 3 and 4 compartment boxes are the same overall size.
- Accessory plate sizes:
  - 3 compartment: 100mm x 175mm.
  - 4 compartment: 75mm x 175mm.
- 85mm standard depth (other sizes available, see table).
- Tool free fixing mechanism for fast-fit on site installation.
- Grey lid and trim V0 rated PC/ABS.
- Quick release lid provides easy access to the accessory plates.
- Removeable lid and trim for ease of carpet fitting.
- Low profile floor box surround and non-trip cable outlet brackets designed to comply with BS EN 61534.
- Can be supplied complete with lockable lid.
- Galvanised steel back box.
- Can be pre-fitted with socket outlets and Betatrak Tap-off unit.



Overall Depth	Plug Space	Socket Space
85mm	30mm	45mm
100mm	45mm	45mm
115mm	60mm	45mm
130mm	75mm	45mm



## Empty 20 Series Floor Box

### 3 Compartment

Code	Description
PP20385G	Standard 'Fast-Fit' 85mm Deep
PP20310G	Standard 'Fast-Fit' 100mm Deep
PP20311G	Standard 'Fast-Fit' 115mm Deep
PP20313G	Standard 'Fast-Fit' 130mm Deep
Add Suffix /KL	Option to add a Key Lock to a floor box lid

### 4 Compartment

Code	Description
PP20485G	Standard 'Fast-Fit' 85mm Deep
PP20410G	Standard 'Fast-Fit' 100mm Deep
PP20411G	Standard 'Fast-Fit' 115mm deep
PP20413G	Standard 'Fast-Fit' 130mm Deep
Add Suffix /KL	Option to add a Key Lock to a floor box lid

## Standard Earth Pre-wired 20 Series Floor Box

c/w 3m or 5m 32A unfused Betatrak Tap-off

### 3 Compartment

Code	Description
3m Standard Earth White Plug	
P20385G/BS3U104	1x Twin 13A Switched Socket
P20385G/BS3U207	2x Twin 13A Switched Sockets
P20385G/BS3U113	1x Twin 13A Switched RCD Socket
P20385G/BS3U221	2x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20385G/BS5U102	1x Twin 13A Switched Socket
P20385G/BS5U204	2x Twin 13A Switched Sockets
P20385G/BS5U108	1x Twin 13A Switched RCD Socket
P20385G/BS5U213	2x Twin 13A Switched RCD Sockets

### 4 Compartment

Code	Description
3m Standard Earth White Plug	
P20485G/BS3U102	1x Twin 13A Switched Socket
P20485G/BS3U204	2x Twin 13A Switched Sockets
P20485G/BS3U103	1x Twin 13A Switched RCD Socket
P20485G/BS3U209	2x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20485G/BS5U101	1x Twin 13A Switched Socket
P20485G/BS5U201	2x Twin 13A Switched Sockets
P20485G/BS5U102	1x Twin 13A Switched RCD Socket
P20485G/BS5U203	2x Twin 13A Switched RCD Sockets

## Clean Earth Pre-wired 20 Series Floor Box

c/w 3m or 5m 32A unfused Betatrak Tap-off

### 3 Compartment

Code	Description
3m Clean Earth Red Plug	
P20385G/BC3U101	1x Twin 13A Switched Socket
P20385G/BC3U205	2x Twin 13A Switched Sockets
P20385G/BC3U110	1x Twin 13A Switched RCD Socket
P20385G/BC3U220	2x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20385G/BC5U103	1x Twin 13A Switched Socket
P20385G/BC5U203	2x Twin 13A Switched Sockets
P20385G/BC5U108	1x Twin 13A Switched RCD Socket
P20385G/BC5U207	2x Twin 13A Switched RCD Sockets

### 4 Compartment

Code	Description
3m Clean Earth Red Plug	
P20485G/BC3U100	1x Twin 13A Switched Socket
P20485G/BC3U202	2x Twin 13A Switched Sockets
P20485G/BC3U102	1x Twin 13A Switched RCD Socket
P20485G/BC3U207	2x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20485G/BC5U101	1x Twin 13A Switched Socket
P20485G/BC5U201	2x Twin 13A Switched Sockets
P20485G/BC5U103	1x Twin 13A Switched RCD Socket
P20485G/BC5U203	2x Twin 13A Switched RCD Sockets

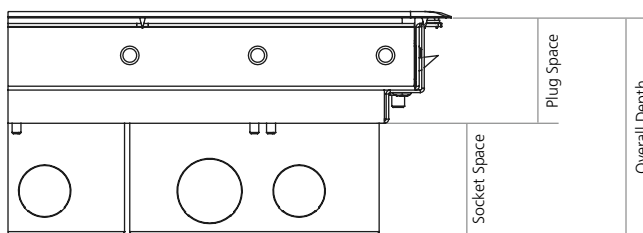
Other options are available. Please contact a member of our sales team for more information.

## 20A Series Floor Box (Separate Box Bases)

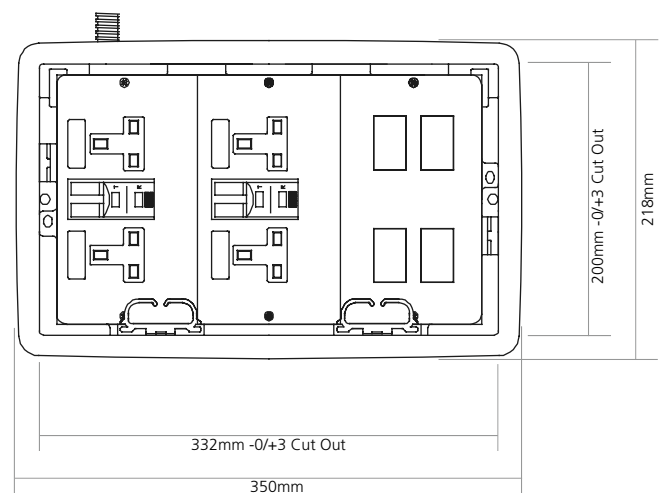
The 20A Series floor box is suitable for raised floor applications and is divided into 3 or 4 separate removable compartments. The 20A Series floor boxes are designed for use in commercial environments and provide an efficient fast-fit on site installation and ease of access to power sockets and data.

### Features include:

- Separate removable box bases.
- 3 and 4 compartment boxes are the same overall size.
- Accessory plate sizes:
  - 3 compartment: 100mm x 175mm.
  - 4 compartment: 75mm x 175mm.
- 85mm standard depth (other sizes available, see table).
- Tool free fixing mechanism for fast-fit on site installation.
- Grey lid and trim V0 rated PC/ABS.
- Quick release lid provides easy access to the accessory plates.
- Removeable lid and trim for ease of carpet fitting.
- Low profile floor box surround and non-trip cable outlet brackets designed to comply with BS EN 61534.
- Can be supplied complete with lockable lid.
- Galvanised steel back boxes.
- Can be pre-fitted with socket outlets and Betatrak Tap-off unit.



Overall Depth	Plug Space	Socket Space
85mm	30mm	45mm
100mm	45mm	45mm
115mm	60mm	45mm
130mm	75mm	45mm



## Empty 20A Series Floor Box

### 3 Compartment

Code	Description
PP20A385G	Standard 'Fast-Fit' 85mm Deep
PP20A310G	Standard 'Fast-Fit' 100mm Deep
PP20A311G	Standard 'Fast-Fit' 115mm Deep
PP20A313G	Standard 'Fast-Fit' 130mm Deep
Individual compartments 45mm deep	
PPS2034A	Single Width
PPS203D4A	Double Width
Add Suffix /KL	Option to add a Key Lock to a floor box lid

### 4 Compartment

Code	Description
PP20A485G	Standard 'Fast-Fit' 85mm Deep
PP20A410G	Standard 'Fast-Fit' 100mm Deep
PP20A411G	Standard 'Fast-Fit' 115mm Deep
PP20A413G	Standard 'Fast-Fit' 130mm Deep
Individual compartments 45mm deep	
PPS2044A	Single Width
PPS204D4A	Double Width
Add Suffix /KL	Option to add a Key Lock to a floor box lid

## Standard Earth Pre-wired 20A Series Floor Box

c/w 3m or 5m 32A unfused Betatrak Tap-off

### 3 Compartment

Code	Description
3m Standard Earth White Plug	
P20A385GBS3U104	1x Twin 13A Switched Socket
P20A385GBS3U202	2x Twin 13A Switched Sockets
P20A385GBS3U108	1x Twin 13A Switched RCD Socket
P20A385GBS3U209	2x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20A385GBS5U103	1x Twin 13A Switched Socket
P20A385GBS5U202	2x Twin 13A Switched Sockets
P20A385GBS5U104	1x Twin 13A Switched RCD Socket
P20A385GBS5U204	2x Twin 13A Switched RCD Sockets

### 4 Compartment

Code	Description
3m Standard Earth White Plug	
P20A485GBS3U101	1x Twin 13A Switched Socket
P20A485GBS3U204	2x Twin 13A Switched Sockets
P20A485GBS3U103	1x Twin 13A Switched RCD Socket
P20A485GBS3U206	2x Twin 13A Switched RCD Sockets
5m Standard Earth White Plug	
P20A485GBS5U100	1x Twin 13A Switched Socket
P20A485GBS5U204	2x Twin 13A Switched Sockets
P20A485GBS5U101	1x Twin 13A Switched RCD Socket
P20A485GBS5U205	2x Twin 13A Switched RCD Sockets

## Clean Earth Pre-wired 20A Series Floor Box

c/w 3m or 5m 32A unfused Betatrak Tap-off

### 3 Compartment

Code	Description
3m Clean Earth Red Plug	
P20A385GBC3U100	1x Twin 13A Switched Socket
P20A385GBC3U204	2x Twin 13A Switched Sockets
P20A385GBC3U103	1x Twin 13A Switched RCD Socket
P20A385GBC3U206	2x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20A385GBC5U101	1x Twin 13A Switched Socket
P20A385GBC5U201	2x Twin 13A Switched Sockets
P20A385GBC5U102	1x Twin 13A Switched RCD Socket
P20A385GBC5U202	2x Twin 13A Switched RCD Sockets

### 4 Compartment

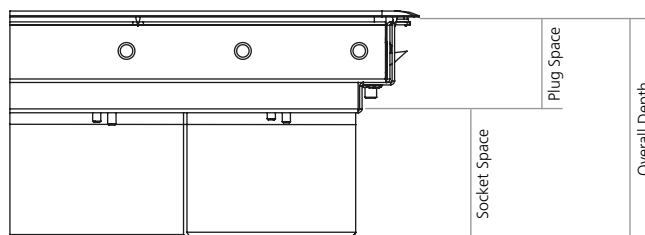
Code	Description
3m Clean Earth Red Plug	
P20A485GBC3U100	1x Twin 13A Switched Socket
P20A485GBC3U202	2x Twin 13A Switched Sockets
P20A485GBC3U102	1x Twin 13A Switched RCD Socket
P20A485GBC3U203	2x Twin 13A Switched RCD Sockets
5m Clean Earth Red Plug	
P20A485GBC5U100	1x Twin 13A Switched Socket
P20A485GBC5U201	2x Twin 13A Switched Sockets
P20A485GBC5U101	1x Twin 13A Switched RCD Socket
P20A485GBC5U202	2x Twin 13A Switched RCD Sockets

## 20A Series Floor Box (Separate Base Boxes) with Single RCD or RCBO

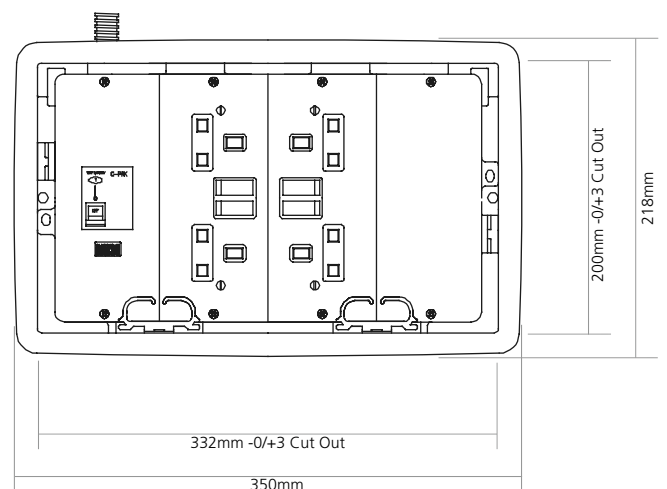
The 20A Series floor box with single RCD or RCBO protection is suitable for raised floor applications and is divided into 2 or 3 separate removable compartments. The 20A Series floor boxes are designed for use in commercial environments and provide an efficient fast-fit on site installation and ease of access to power sockets and data.

### Features include:

- Fitted with a din rail mounted 40A RCD or 20A RCBO.
- Separate removable box bases.
- Accessory plate sizes:
  - 4 compartment: 75mm x 175mm.
- 95mm standard depth (other sizes available).
- Tool free fixing mechanism for fast-fit on site installation.
- Grey lid and trim V0 rated PC/ABS.
- Quick release lid provides easy access to the accessory plates.
- Removable lid and trim for ease of carpet fitting.
- Low profile floor box surround and non-trip cable outlet brackets designed to comply with BS EN 61534.
- Can be supplied complete with lockable lid.
- Galvanised steel back boxes.
- Can be pre-fitted with RCD or RCBO, socket outlets and Betatrak Tap-off unit.



Overall Depth	Plug Space	Socket Space
95mm	30mm	45mm



### Note:

- These boxes are 4 compartment but use the first compartment to house the RCD/RCBO.
- Removable compartments are double width for 1 twin socket and triple width for 2 twin sockets.
- Compartment sizes are 75mm x 175mm.

## Standard Earth Pre-wired RCD/RCBO Floor Box

c/w 3m or 5m 32A unfused Betatrak Tap-off

### 4 Compartment

Code	Description	RCD/RCBO	Code	Description	RCD/RCBO
3m Standard Earth White Plug			5m Standard Earth White Plug		
P20A495GBS3U200	1x Twin 13A Switched Socket	40A RCD	P20A495GBS5U204	1x Twin 13A Switched Socket	40A RCD
P20A495GBS3U308	2x Twin 13A Switched Sockets	40A RCD	P20A495GBS5U305	2x Twin 13A Switched Sockets	40A RCD
P20A495GBS3U207	1x Twin 13A Switched Socket	20A RCBO	P20A495GBS5U203	1x Twin 13A Switched Socket	20A RCBO
P20A495GBS3U301	2x Twin 13A Switched Sockets	20A RCBO	P20A495GBS5U304	2x Twin 13A Switched Sockets	20A RCBO

## Clean Earth Pre-wired RCD/RCBO Floor Box

c/w 3m or 5m 32A unfused Betatrak Tap-off

### 4 Compartment

Code	Description	RCD/RCBO	Code	Description	RCD/RCBO
3m Clean Earth Red Plug			5m Clean Earth Red Plug		
P20A495GBC3U202	1x Twin 13A Switched Socket	40A RCD	P20A495GBC5U201	1x Twin 13A Switched Socket	40A RCD
P20A495GBC3U302	2x Twin 13A Switched Sockets	40A RCD	P20A495GBC5U301	2x Twin 13A Switched Sockets	40A RCD
P20A495GBC3U203	1x Twin 13A Switched Socket	20A RCBO	P20A495GBC5U202	1x Twin 13A Switched Socket	20A RCBO
P20A495GBC3U303	2x Twin 13A Switched Sockets	20A RCBO	P20A495GBC5U302	2x Twin 13A Switched Sockets	20A RCBO



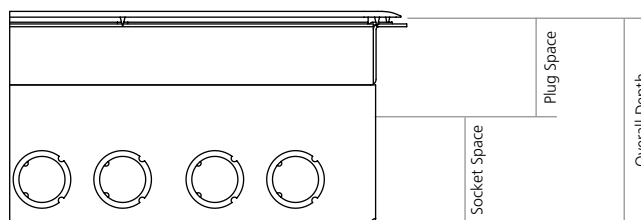
# Floor Boxes

## 99 Series Floor Box (Single Base Box)

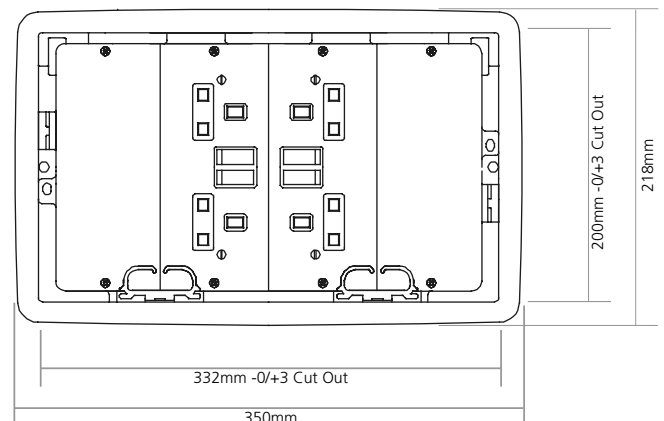
The 99 Series floor box is suitable for raised and screed floor applications and is divided in to 3 or 4 compartments. The 99 Series floor boxes are designed for use in commercial environments and provides easy access to power sockets and data.

### Features include:

- One piece box base divided in to 3 or 4 compartments.
- 3 and 4 compartment boxes are the same overall size.
- Accessory plate sizes:
  - 3 compartment: 100mm x 175mm.
  - 4 compartment: 75mm x 175mm.
- 85mm standard depth (other sizes available).
- Floor boxes for raised floors are fitted by screw-fixing to the floor tile.
- Screed floor boxes come complete with jacking legs which allow 10mm final adjustment.
- Grey lid and trim V0 rated PC/ABS.
- Quick release lid provides easy access to the accessory plates.
- Removeable lid and trim for ease of carpet fitting.
- Low profile floor box surround and non-trip cable outlet brackets designed to comply with BS EN 61534.
- Can be supplied complete with lockable lid.
- Galvanised steel back box and mounting frame.
- Raised floor versions can be pre-fitted with socket outlets and Betatrak Tap-off unit.



Overall Depth	Plug Space	Socket Space
85mm	32mm	45mm



## Empty 99 Series Floor Box

### 3 Compartment

Code	Description
PP99385G	Raised Floor, 85mm Deep
PPS99385G	Screed Floor, 85mm Deep
Add Suffix /KL	Option to add a Key Lock to a floor box lid

### 4 Compartment

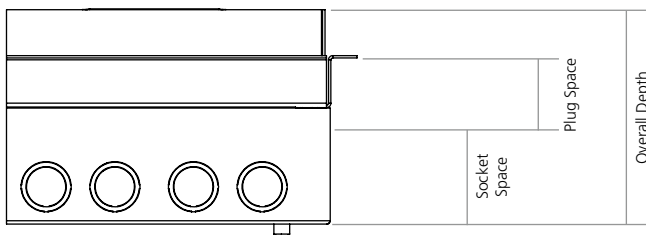
Code	Description
PP99485G	Raised Floor, 85mm Deep
PPS99485G	Screed Floor, 85mm Deep
Add Suffix /KL	Option to add a Key Lock to a floor box lid

## 90 Series Stainless Steel Floor Box (Single Box Base)

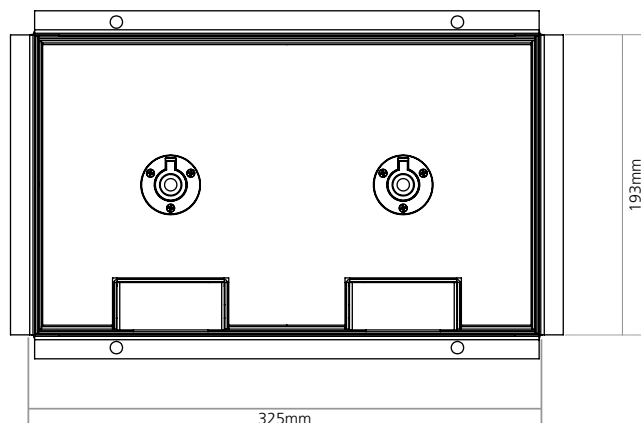
The 90 Series floor box is suitable for raised and screed floor applications and is divided into 3 or 4 compartments. The 90 Series floor boxes are designed for use in commercial environments and provides easy access to power sockets and data.

### Features include:

- One piece box base divided into 3 or 4 compartments.
- 3 and 4 compartment boxes are the same overall size.
- Accessory plate sizes:
  - 3 compartment: 100mm x 175mm.
  - 4 compartment: 75mm x 175mm.
- 110mm standard depth (other sizes available).
- Floor boxes for raised floors are fitted by screw-fixing to the floor tile.
- Screed floor boxes come complete with jacking legs which allow 10mm final adjustment.
- Brushed stainless steel lid and tramline trim.
- Lids have a 23mm recess for a marble or stone infill.
- Galvanised steel back box and mounting frame.
- Raised floor versions can be pre-fitted with socket outlets and Betatrak Tap-off unit.
- Supplied complete with ring pull lifting handles.



Overall Depth	Plug Space	Socket Space
110mm	32mm	45mm



## Empty 90 Series Floor Box

### 3 Compartment

Code	Description
PP90385SS/23	Raised Floor, 110mm Deep
PPS90385SS/23	Screed Floor, 110mm Deep

### 4 Compartment

Code	Description
PP90485SS/23	Raised Floor, 110mm Deep
PPS90485SS/23	Screed Floor, 110mm Deep