

## IP 66 floor boxes - 4 modules

for raised or concrete floors



## Heavy duty in-screed floor box

for concrete floors



0 880 60



0 880 64 equipped  
with Mosaic mechanisms



0 880 61 equipped  
with Mosaic mechanisms

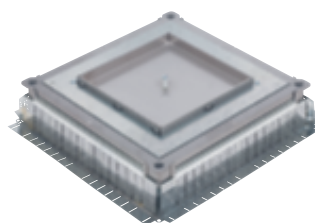
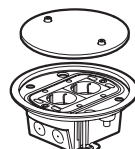


0 880 69

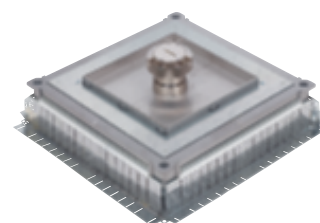
Technical characteristics see **e-catalogue**

Conform to EN 60-670-1 and EN 60 670-23 standards  
IP 66 (when lid is closed) / IP 55 (with cable exit accessory  
Cat.No 0 880 62)  
IK 09

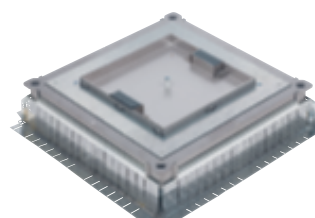
Pack	Cat.Nos	IP 66 floor boxes - 4 modules
1	0 880 60	Supplied with lid and 4-module support frame for Mosaic Programme or Arteur mechanisms To be installed in flush-mounting backbox Cat.No 0 800 69 or directly in raised floor
1	0 880 61	<b>With removable lid</b> Can be equipped with cable exit accessory Cat.No 0 880 62 Brass finish Stainless steel finish
1	0 880 63	<b>With hinged lid</b> Compatible with angled plugs only Can be equipped with key lock on request Brass finish
1	0 880 64	<b>Stainless steel finish</b>
1	0 880 69	<b>Backbox</b> Auto-adjustable backbox for installing IP 66 floor boxes in concrete floors Supplied with cover Accepts conduits Ø16, 20, 25 mm Minimum screed height: 65 mm
1	0 880 62	<b>Cable exit</b> Compatible with angled plugs only IP 55 cable exit accessory



0 896 34 + 0 896 83 + 0 896 85



0 896 34 + 0 896 83 + 0 896 86 + 0 896 87



0 896 34 + 0 896 83 + 0 896 88

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

Pack	Cat.Nos	Adjustable metal backbox for concrete floor
1	0 896 34	<b>Universal backbox</b> For junction of LV and ELV cabling and/or installation of floor boxes: - 75-105 mm adjustable height floor boxes (p. 805) - 65 mm "reduced height" floor boxes (p. 805) - heavy duty floor boxes (p. 808) Height adjustable from 56 mm to 140 mm using 4 screws located in the box corners and a tool adapting to electric drill or screwdriver: Bendable side walls for joining with different sizes of floor ducts Supplied with worksite protection cover to be replaced by blanking cover plate or mounting cover plate Universal metal in-screed backbox
1	0 896 83	<b>Accessories for metal in-screed floor box</b> Normal load support Up to 8 KN load with deflection < 6 mm
1	0 896 84	Heavy load support Up to 20 KN load with deflection < 3 mm
6	0 896 39	Set of 2 conduit adaptors for metal cavity floor box Cat.No 0 896 34
1	0 896 85	<b>Plates for metal in-screed floor boxes</b> For metal in-screed floor box Cat.No 0 896 34 Use support Cat.No 0 896 83 or 0 896 84 Height adjustment of the backbox from 105 mm to 140 mm <b>All types of floors</b> IP 66 plain cover (cover closed) Access trap for junction, no cable exit
1	0 896 86	<b>Marbled and tiled floors</b> IP 66 plate (cover closed and plugs not connected) with central cable exit To receive 24 mosaic modules Supplied with all necessary wiring accessories supports
1	0 896 87	<b>Accessory for plate with central cable exit</b> Cable exit accessory for IP 66 cover plate Cat.No 0 896 86
1	0 896 88	<b>Wooden floors</b> IP 30 plate with 2 lateral cable exits To receive 24 mosaic modules Supplied with all necessary wiring accessories supports





Support frame and plate selection charts **p. 398-405**

Mechanisms supplied with rocker plates, to be equipped with support frames (p. 397) and plates (p. 398 to 405)

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

Pack	Cat.Nos	<b>British standard socket outlets</b>
		Shuttered for child safety ASTA licence Conform to BS 1363 Part 2 Use special plates (p. 398-399)
5	5 721 32	<b>2P+E switched - 15 A</b> Conform to BS 546 3 modules ○ White ● Magnesium
5	5 726 32	
10	5 721 11	<b>2P+E - 13 A</b> Conform to BS 1363 Part 2 ASTA licence 2 modules ○ White ● Magnesium
10	5 726 11	
5	5 721 30	<b>2P+E switched - 13 A</b> Conform to BS 1363 Part 2 ASTA licence 3 modules ○ White ● Magnesium ● Red dedicated non standard pin
5	5 726 30	
5	5 724 67	
10	5 721 10	<b>2P+E - 5 A</b> Conform to BS 546 2 modules ○ White ● Magnesium
10	5 726 10	

Pack	Cat.Nos	<b>German standard socket outlets 16 A</b>
		2 modules
10	5 721 18 <sup>1</sup>	<b>2P+E shuttered for child safety</b> ○ White ● Magnesium ● Red tamper-proof ● Dedicated green ● Dedicated orange
10	5 726 18 <sup>1</sup>	
10	5 724 63 <sup>1</sup>	
10	5 724 62 <sup>1</sup>	
10	5 724 60 <sup>1</sup>	
10	5 721 19	<b>2P+E with cover</b> ○ White ● Magnesium
10	5 726 19	
10	5 721 04	<b>Euro-US type socket outlets - 15 A -127 V / 16 A - 250 V</b> <b>2P with shutters - 1 module</b> ○ White ● Magnesium
10	5 726 04	
10	5 721 16 <sup>1</sup>	<b>2P+E with shutters - 2 modules</b> ○ White ● Magnesium
10	5 726 16 <sup>1</sup>	
5	5 721 33	<b>2 x 2P+E with shutters - 3 modules</b> ○ White ● Magnesium
5	5 726 33	
10	5 721 05	<b>American type socket outlets 15 A - 127 V</b> <b>2P - 1 module</b> ○ White ● Magnesium
10	5 726 05	
10	5 721 17	<b>2P+E - 2 modules</b> ○ White ● Magnesium
10	5 726 17	
5	5 721 34	<b>2 x 2P+E with shutters - 3 modules</b> ○ White ● Magnesium
5	5 726 34	

1: Can be installed in receptacles for floor sockets p. 389

Multistandard socket catalogue  
**www.docuport.legrand.com**



Floor sockets see **p. 389**

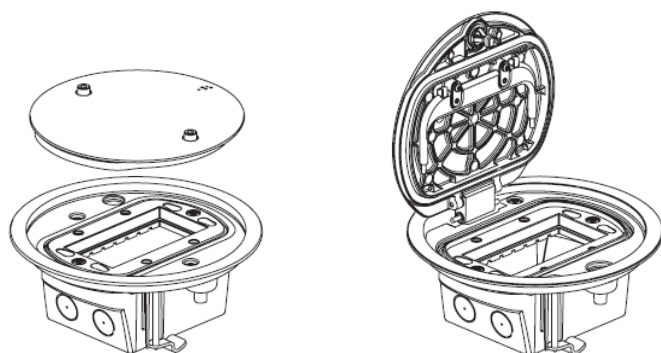


Special cover plates for trunking,  
**p. 396**



## IP66 Floor boxes 4 modules

Cat. Nos : 0 880 60/61/62/63/64/69



CONTENTS	PAGES
1.Range	1
2.Installation	1 to 3
3.Technical characteristics	4 to 5

### 1. RANGE

Small waterproof floor box to be installed indoor and outdoor :

- IP 66 (closed)
- IP 55 (with cable exit accessory)

2 versions :

- with removable lid
- with hinged lid

2 finishing :

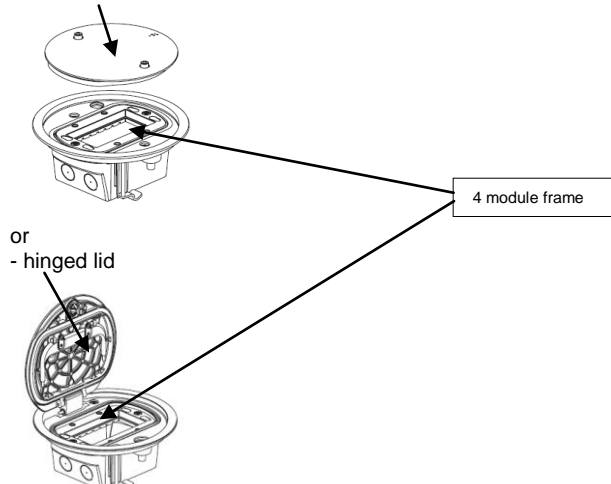
- brass
- stainless

Support frame for Mosaic program or Arteor mechanisms

Cat. Nos	Description	Packaging
0 880 69	Back box	1
0 880 62	Cable exit	1
0 880 60	Box with removable lid, brass finish	1
0 880 61	Box with removable lid, stainless steel finish	1
0 880 63	Box with hinged lid, brass finish	1
0 880 64	Box with hinged lid, stainless steel finish	1

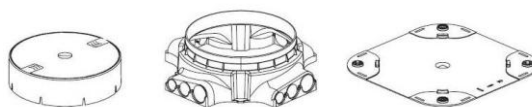
Small floor box delivered with :

- removable lid



### 1. RANGE (cont.)

Backbox

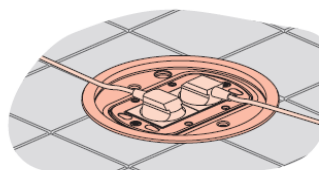


Cable exit accessory

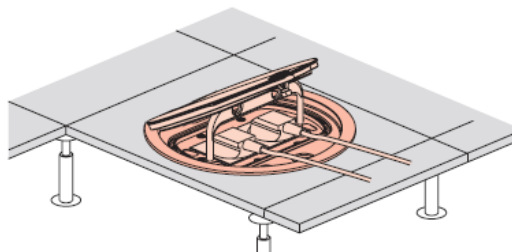


### 2. INSTALLATION : 2 ways

In screed



In raised



## 2. INSTALLATION

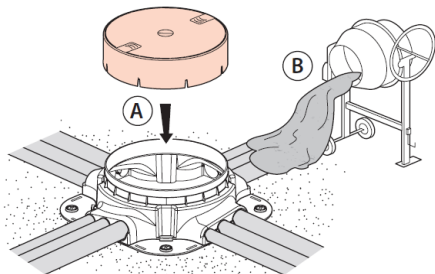
### 2.1 In screed (with backbox nr 0 880 69)

- min concrete thickness = 65 mm

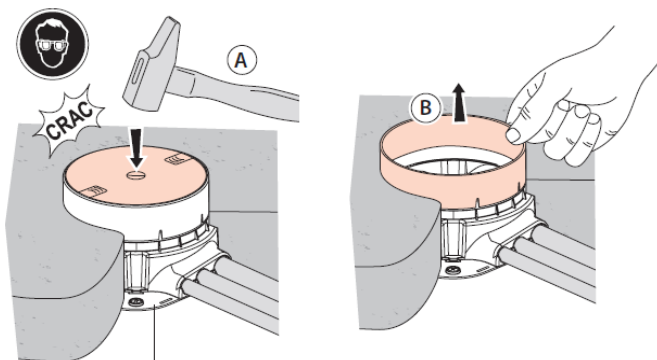
The back box can be use in concrete with pipes diameter 16,20 and 25 mm.

The backbox is provided with a protection cover

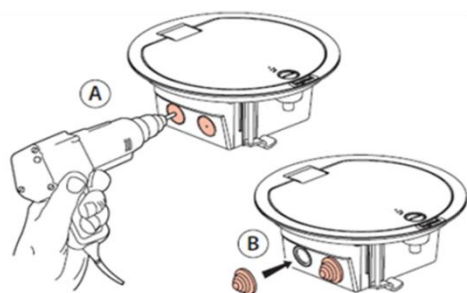
(1) Is it mandatory to close the backbox with the protection (A) when the concrete is poured (B) to avoid concrete to enter in the backbox



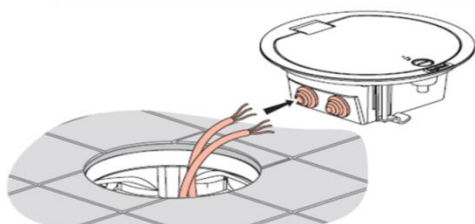
(2) Before installation of the back box, broke the protection cover (A) , and remove the last plastic parts (B)



(3) Drill the back of the floor box at 20mm (A) and add the cable protection (B)



4) Place the cable in the cable protection



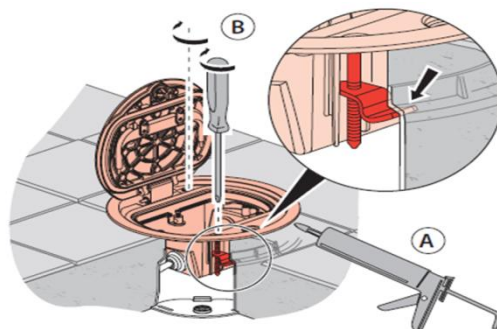
## 2. INSTALLATION (cont.)

### 2.1 In screed

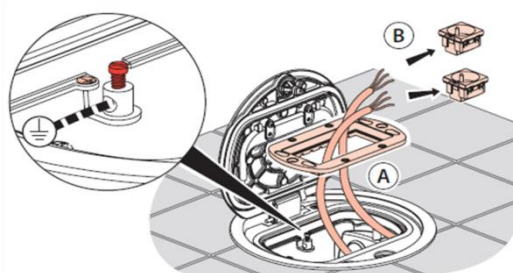
(5) Place the floorbox in the backbox.

Had a silicon seal between the box and the floor

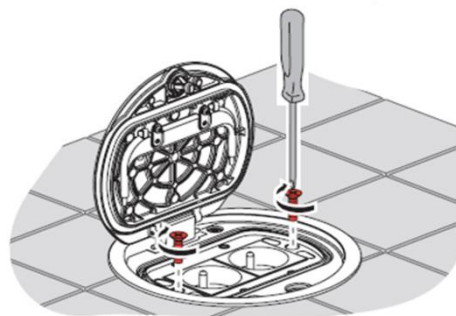
Screw the claws (B)



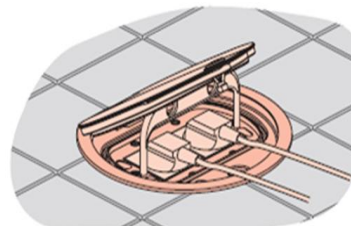
(6) Connect the mechanism with the cable. Don't forget the earth link.



(7) Screw the support frame to the box



8) Right socket are not compatible with hinged lid

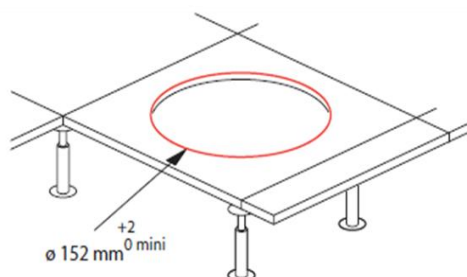




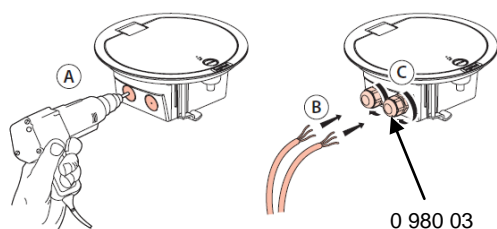
## 2. INSTALLATION (cont.)

### 2.2 In raised

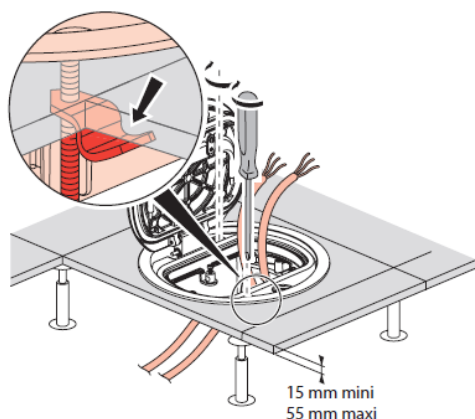
(1) Cut the raised floor at the following dimension :



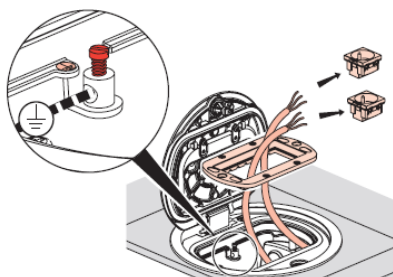
(2) Drill the back of the box at the right diameter according the cable gland. The cable gland had to be well adapted to the cable. Introduce the cables in the cable gland.



(3) Install the box in the raised floor.  
Screw the claws



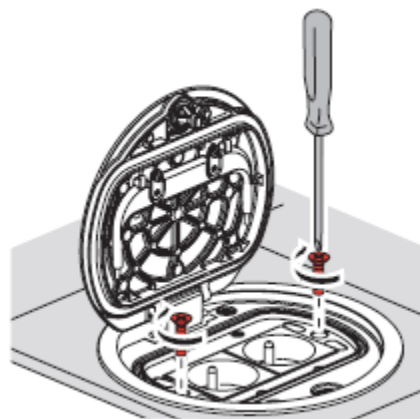
(4) Connect the mechanism with the cable.  
Don't forget the earth link



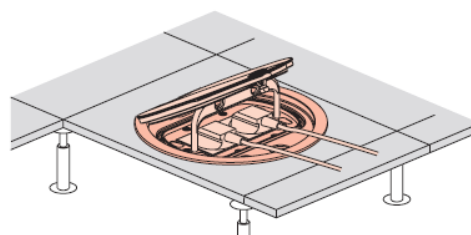
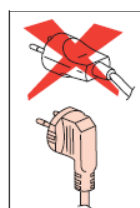
## 2. INSTALLATION (cont.)

### 2.2 In raised

(5) Screw the support frame to the box

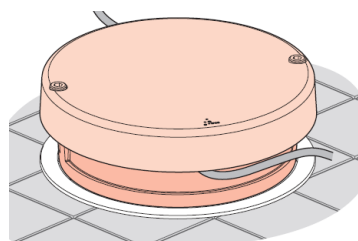


(6) Right socket are not compatible with hinged lid



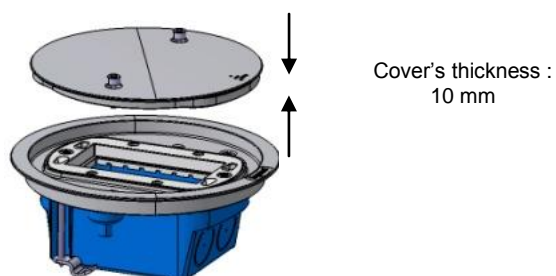
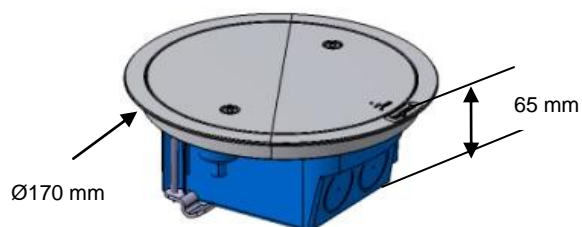
### 2.3 In raised and in screed

IP 55 with plug connected using cable outlet accessory  
cat. No 0 880 62 only on small floor boxes cat. Nos 0 880 60 or  
0 880 61

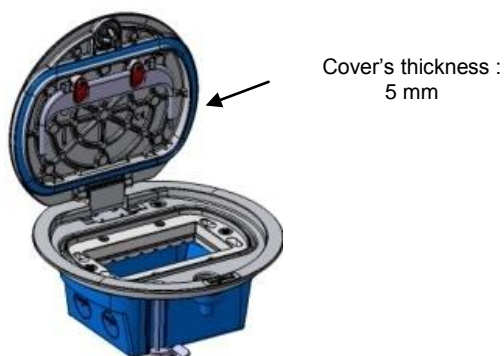
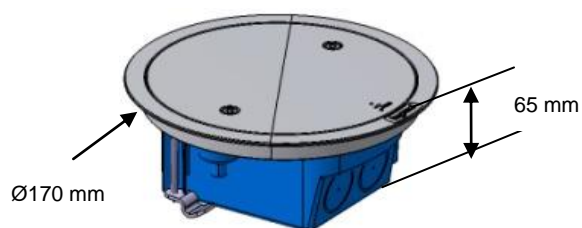


## 3. TECHNICAL CHARACTERISTICS

Dimensions of the small floor box Cat. Nos 0 880 60/61

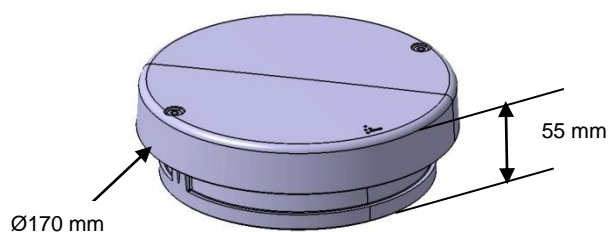


Dimensions of the small floor box Cat. Nos 0 880 63/64

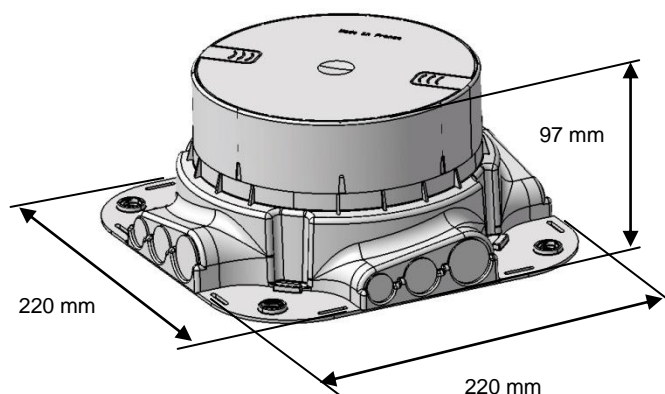


## 3. TECHNICAL CHARACTERISTICS (cont.)

Dimensions of IP55 accessory Cat. No 0 880 62



Dimensions of backbox Cat. No 0 880 69



## 3. TECHNICAL CHARACTERISTICS (cont.)

3.1 Classification of the IP66 Floor boxes 4 modules according to the IEC 60670-1 et IEC 60670-23 standard :

7.1 The nature of their material	Composite
7.2 The method of installation	Flush, semi-flush or embedded in non-combustible floors
	Placement suitable for installation into concrete during the casting process
	Floor boxes or enclosures installed in floor subjected to wet treatment
7.3 The type of inlets (outlets)	Without inlets. Inlet openings will be made during installation
7.4 The clamping means	Without clamping means
7.5 The minimum and maximum temperatures during installation	-5°C to +60°C
7.6 The maximum temperature during the casting process	+60°C
15.101 Resistance to vertical load through a small surface	500 N

3.2 Protection class :

Protection to **IP 66** with the cover closed

Protection to **IP 40** with the cover opened

Resistance to impacts **IK 09** with the cover closed

Resistance to loads with the cover closed : **10000 N**

with the hinged cover opening : **1700 N** ( Protection of the inserted plugs from traffic load )

Self-extinguishing : + 650° C / 30 s for parts made of insulating materials

The inlets of conduits or cables are marking for a easier installation

3.3 Safety :

Check that the system is earthed

3.4 Cleaning :

Do not use abrasive products or detergents

## 4. MATERIAL CHARACTERISTICS

The IP66 Floor boxes are :

\* Surface treatment : Stainless steel finish or Bronze finish

\* Material Zamak

\* Plastic materials : ABS et PP

The backbox is :

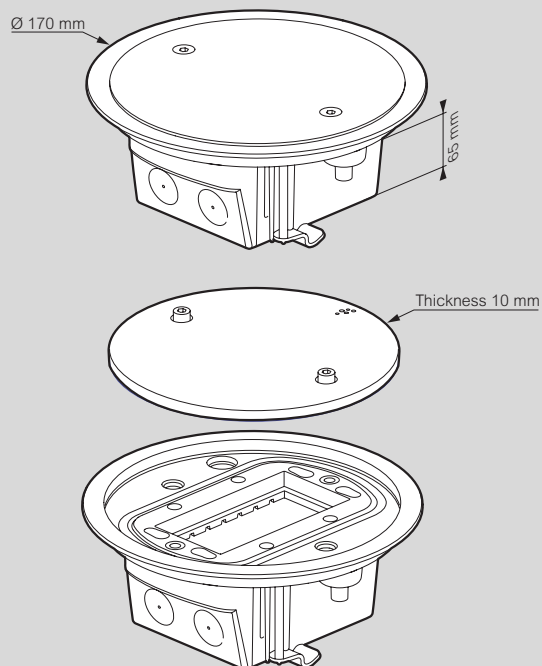
\* Plastic materials : ABS et PP

# IP 66 floor boxes - 4 modules

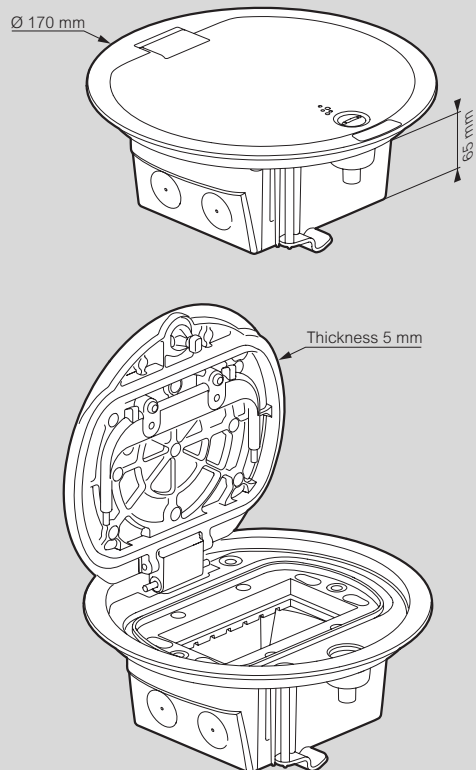
for raised or concrete floors

## ■ Dimensions

Floor boxes Cat.Nos 0 880 60/61

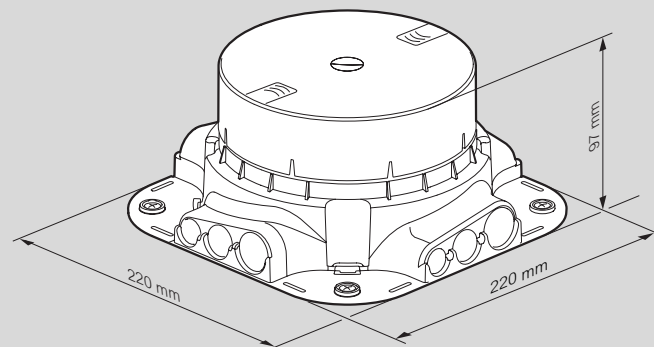


Floor boxes Cat.Nos 0 880 63/64

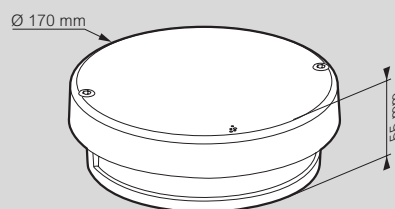


## ■ Dimensions (continued)

Flush-mounting backbox Cat.No 0 880 69



Cable exit accessory Cat.No 0 880 62



## ■ Floor cut for installation in raised floor

