L legrand®

87045 LIMOGES Cedex
Phone : 05 55 06 87 87 – Fax : 05 55 06 88 88

IP30 floor Box wooden floors
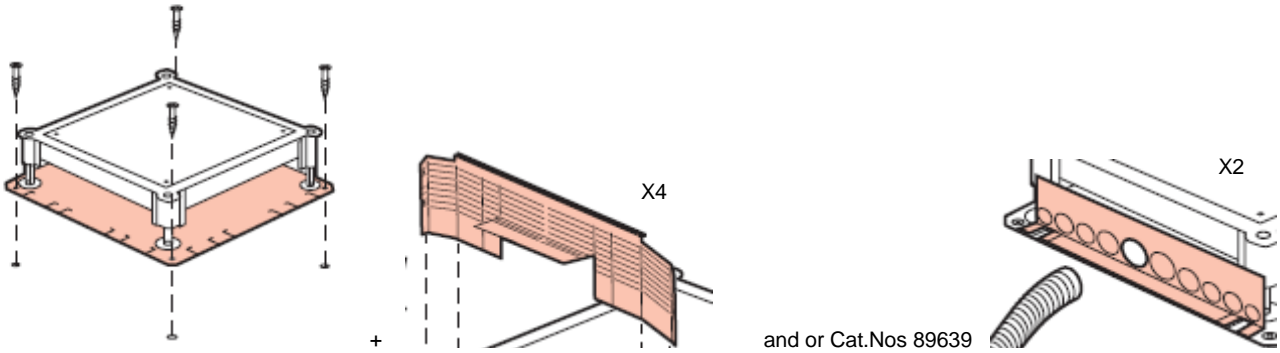
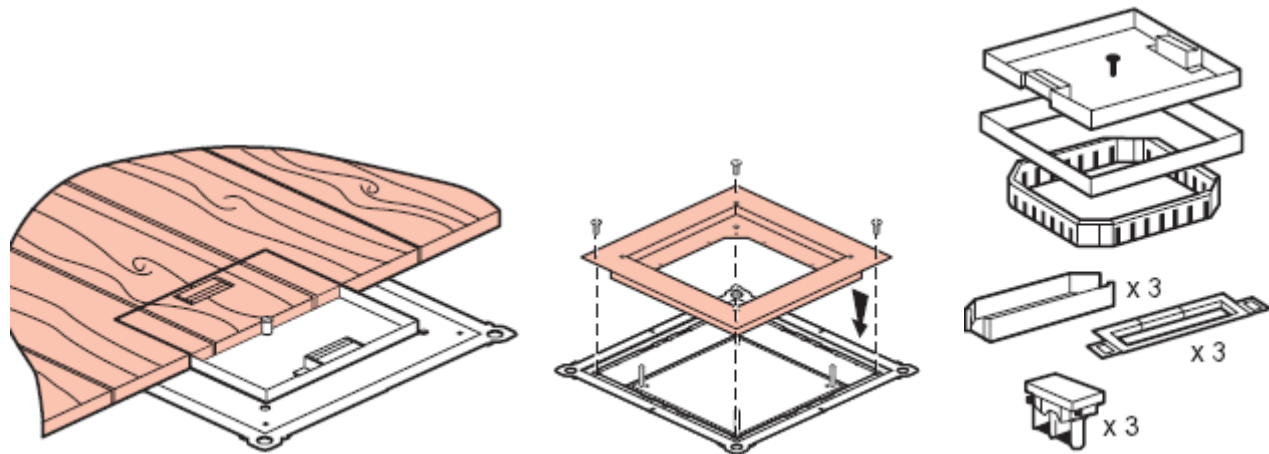**Number(s) : 89683/84/88 et 89634/39**

Cat.Nos 89688

1 RANGE.

Metal backbox Cat.Nos 89634 :

X4

+

X2

and or Cat.Nos 89639

Floor Box with cover IP 30 with side exit of cables Cat.Nos 89688

x 3

x 3

x 3

Data sheet : F00839EN/04   Updated : 25/05/2020   Created : 20/07/08
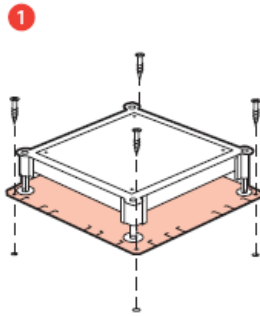
IP30 floor Box wooden floors
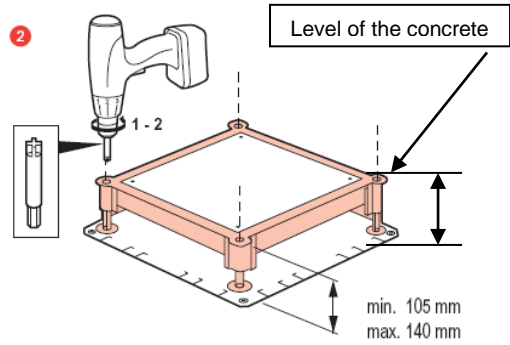
2 BACKBOXES INSTALLATION

Metal backbox Cat.Nos 89634 :
Useful for heavy duty & water resistant floor boxes Cat.Nos 89688

The metal backbox is delivered with 4 sides for floor trunking & one accessory for screwing.
Cat.Nos 89639 : set of 2 adaptors for conduit Ø 16, 20 et 25
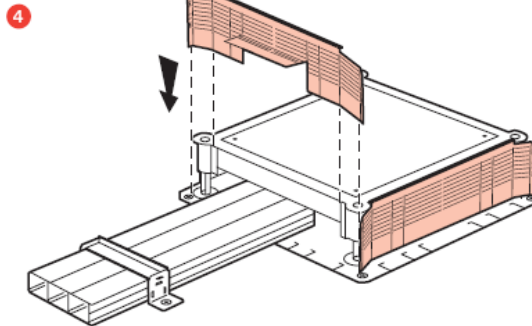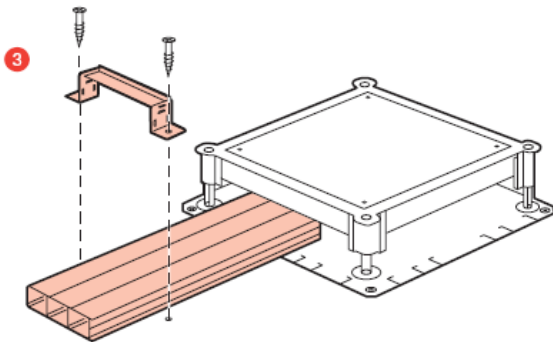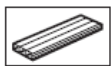
1- Fixing of the backbox on the floor

2- Height adjustment of the backbox at the level of the concretes
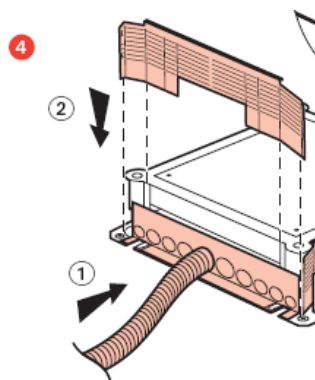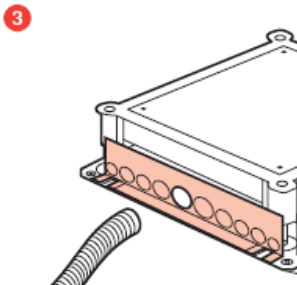
Level of the concrete

min. 105 mm
max. 140 mm

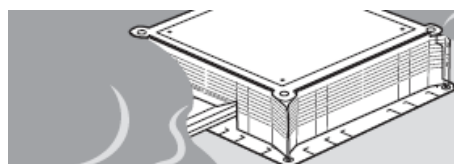3- Installation of floor ductings or conduits

Adaptors for floor ducting (delivered with backboxes)

or (Cat.Nos 89639 : set of 2 adaptors for conduit Ø 16, 20 et 25)
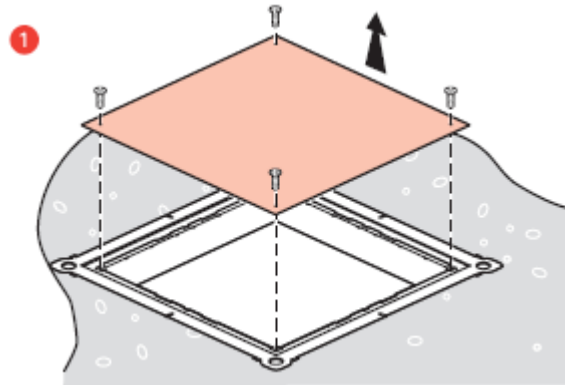
+ 896 39

And pouring the concrete

IP30 floor Box wooden floors
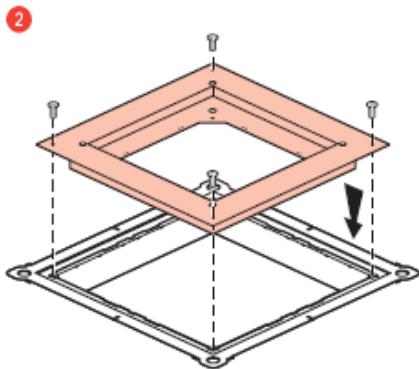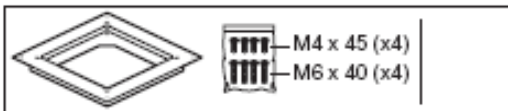
2 COVER SUPPORT INSTALLATION

Useful for IP30 floor box wooden floors Cat.Nos 89688

- Set for standard load Cat.Nos 89683
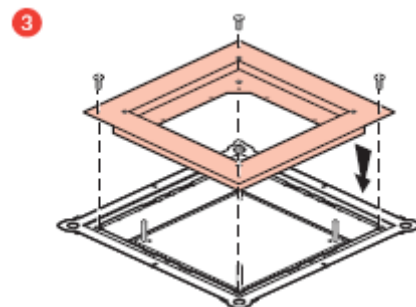
- Set for heavy load Cat.Nos 89684

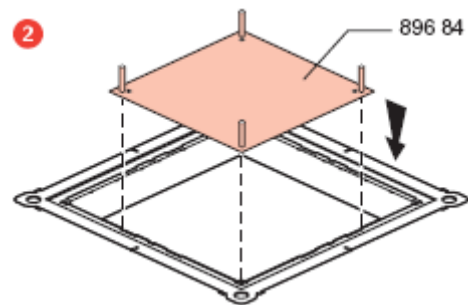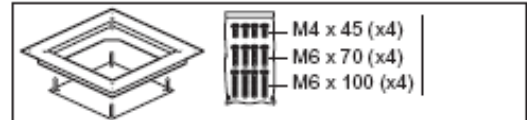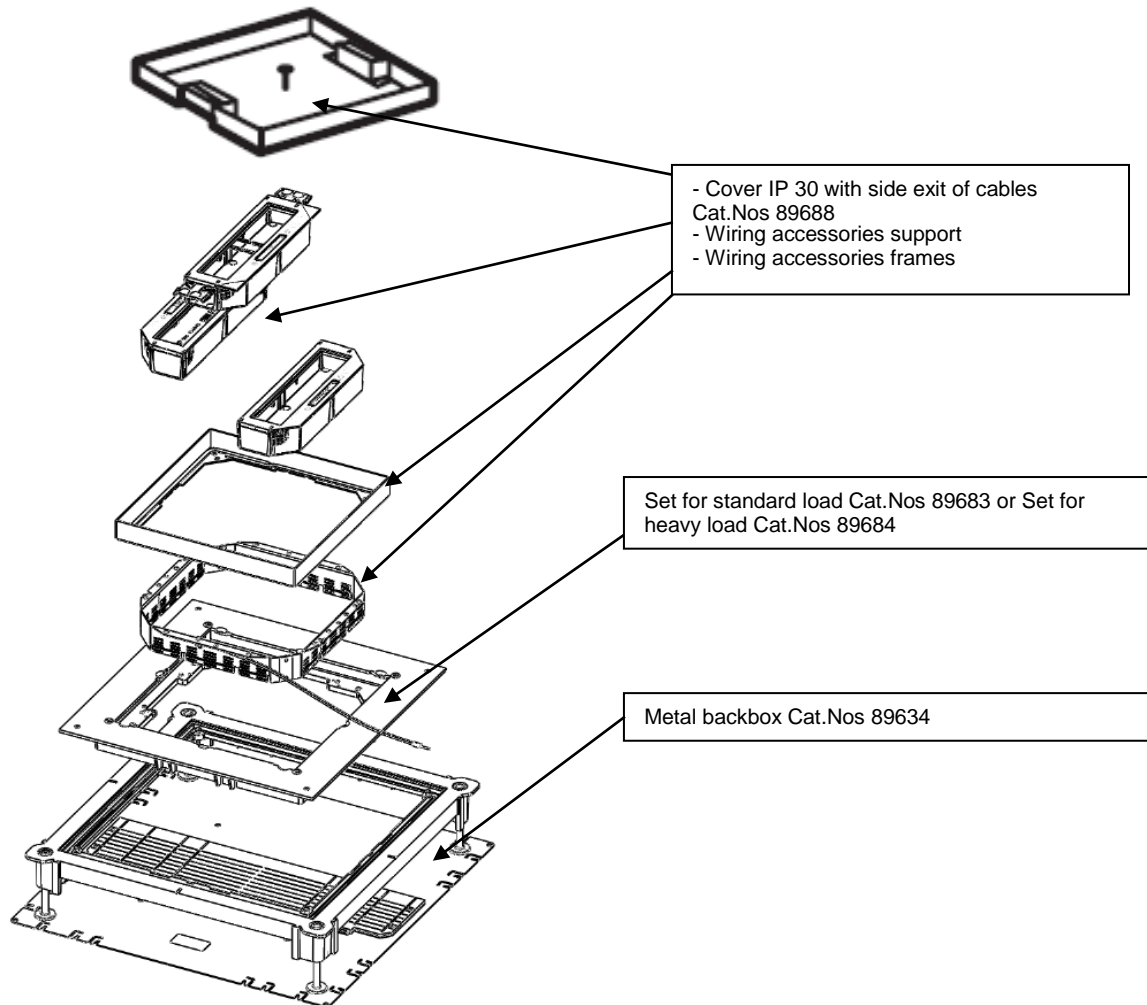| Standard load	Heavy load

896 83

M4 x 45 (x4)
M6 x 40 (x4)

896 84

M4 x 45 (x4)
M6 x 70 (x4)
M6 x 100 (x4)

896 84

Data sheet : F00839EN/04   Updated : 25/05/2020   Created : 20/07/08   ⌐┘ legrand

2 FLOOR BOX WITH COVER IP30 WITH SIDE EXIT OF CABLES

Floor Box with cover IP 30 with side exit of cables Cat.Nos 89688

4 / 9

- Cover IP 30 with side exit of cables Cat.Nos 89688
- Wiring accessories support
- Wiring accessories frames

Set for standard load Cat.Nos 89683 or Set for heavy load Cat.Nos 89684
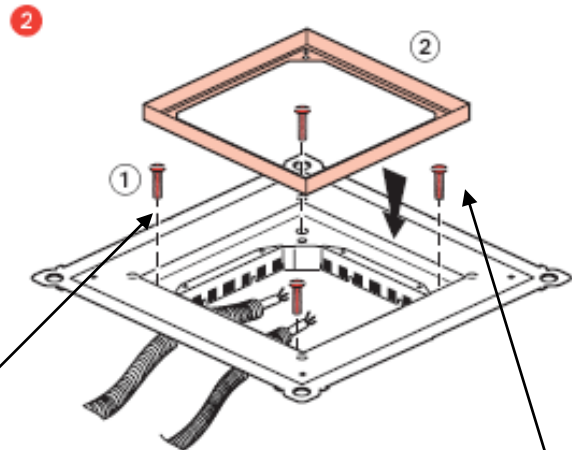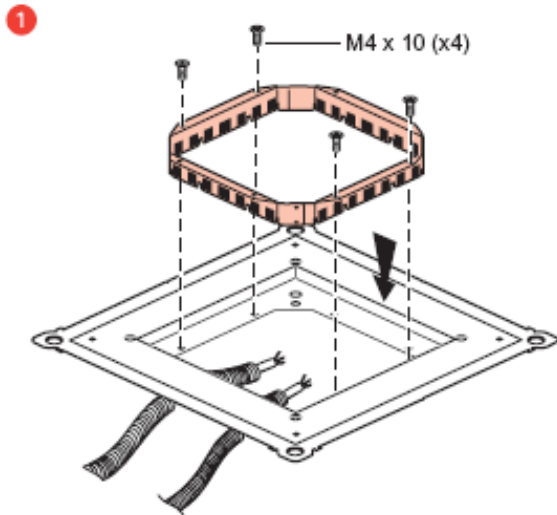
Metal backbox Cat.Nos 89634

2 FLOOR BOX WITH COVER IP30 WITH SIDE EXIT OF CABLES INSTALLATION

Wiring accessories support
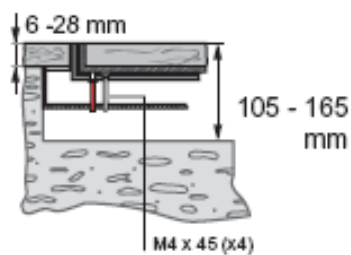Useful for installation of IP30 floor box wooden floors Cat.Nos 89688

1- Support fixing in set Cat.Nos 89683 or 89684
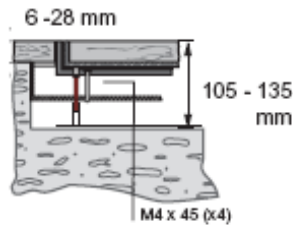
2- Screws & Cover support fixing

M4 x 10 (x4)

With the set for standard load Cat.Nos 89683, use the screws M6x40(x4)

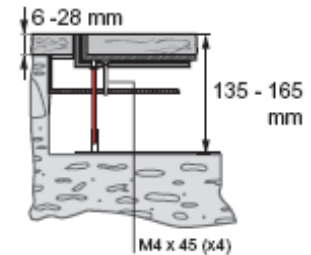**M6 x 40 (x4)**

6 -28 mm

105 - 165 mm

M4 x 45 (x4)

With the set for heavy load Cat.Nos 89684, use the screws M6x70(x4) or M6x100(x4) depending on the screed level

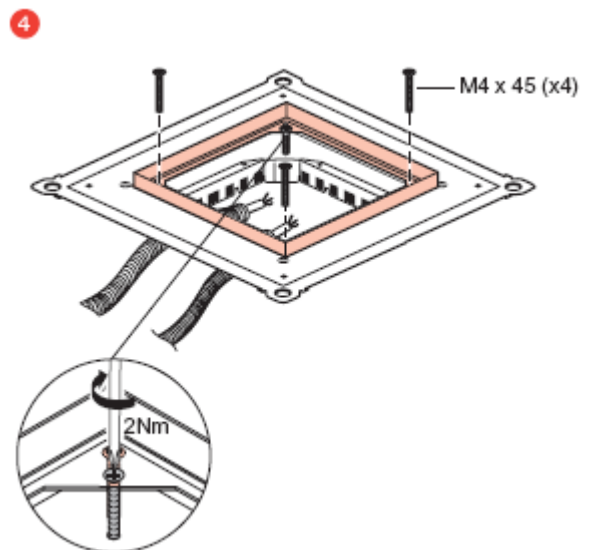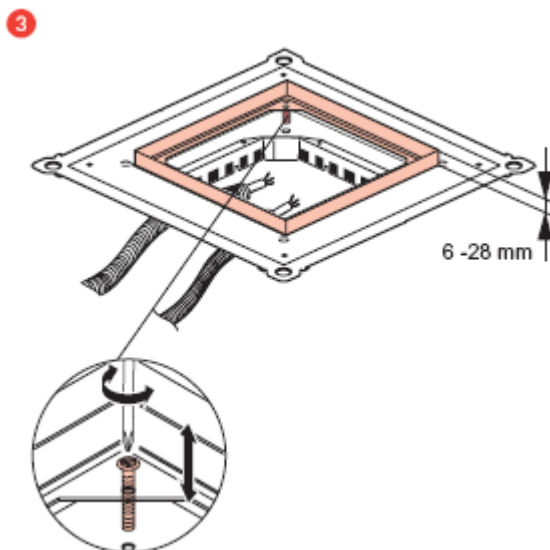**M6 x 70 (x4)**   **M6 x 100 (x4)**

6 -28 mm   6 -28 mm

105 - 135 mm   135 - 165 mm

M4 x 45 (x4)   M4 x 45 (x4)

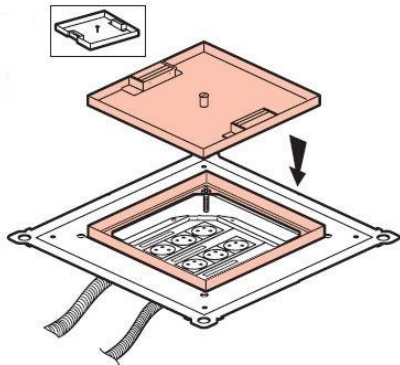3- Support height adjustment for cover

4- Locking

6 -28 mm

M4 x 45 (x4)

2Nm

2 FLOOR BOX WITH COVER IP30 WITH SIDE EXIT OF CABLES

Floor Box with cover IP 30 with side exit of cables Cat.Nos 89688
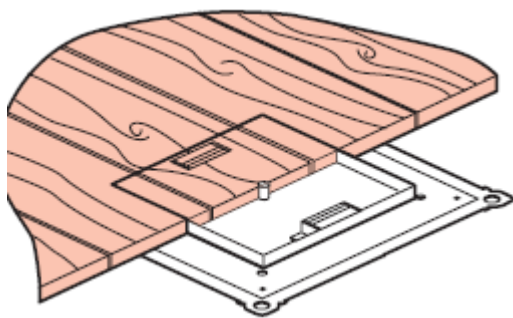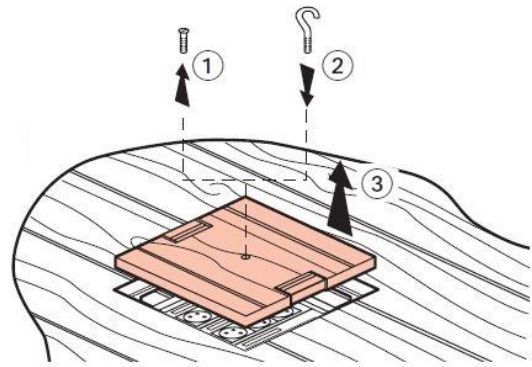
2- Before fitting coating, adjustment of the level of the inside of the cover with the help of the glue (depth of the glue = difference between the coating thickness and the cover height)
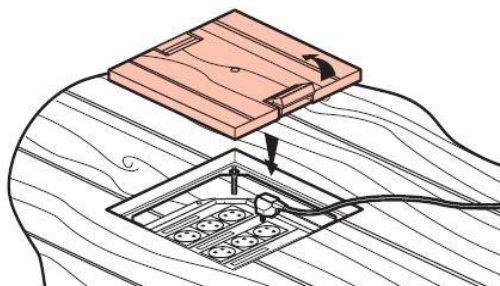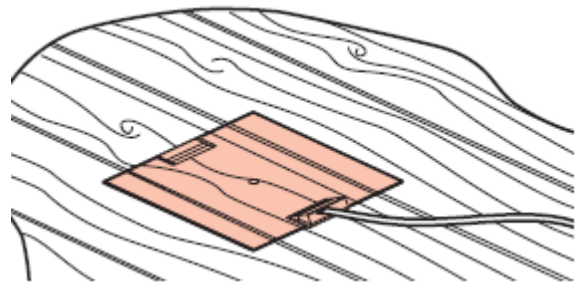
1- Cover installation
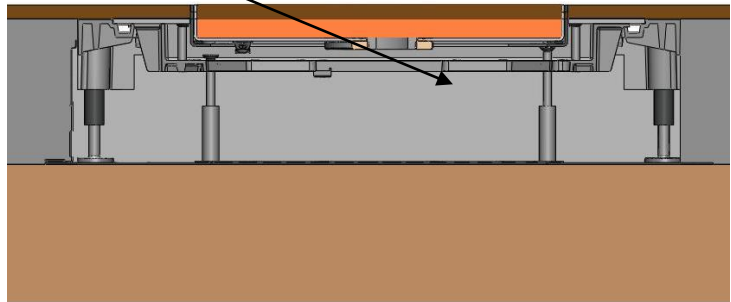
3- Fitting the tiles

4- Installation of screw or hook

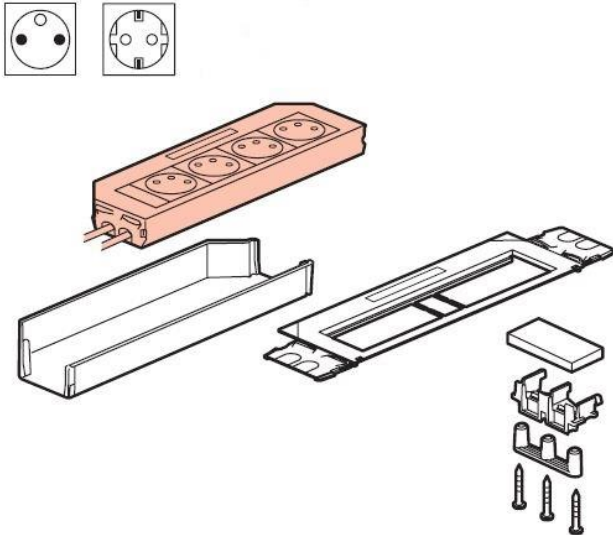5- Insertion and connection of the cable
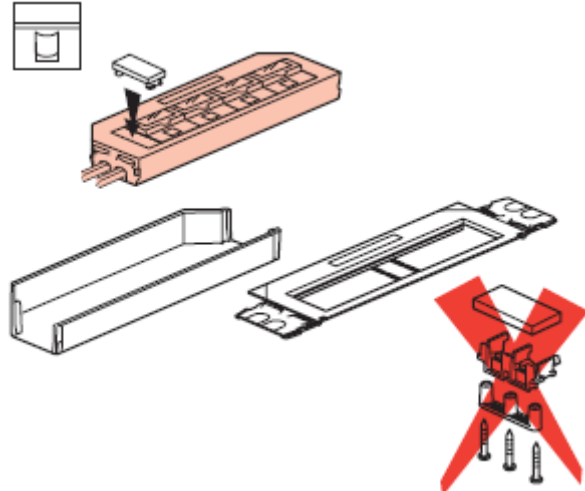
6- Repositioning of the cover

2 WIRING ACCESSORIES FRAMES INSTALLATION

Wiring accessories frames
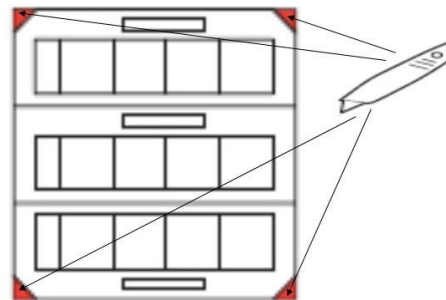Useful for installation of IP30 floor box wooden floors Cat.Nos 89688
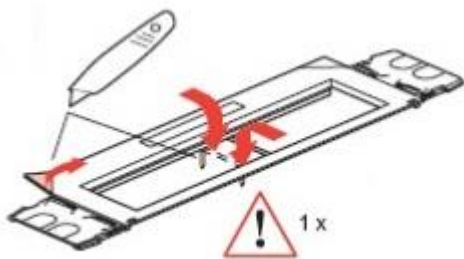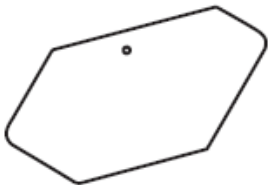
With power (8 mod. + tightener)
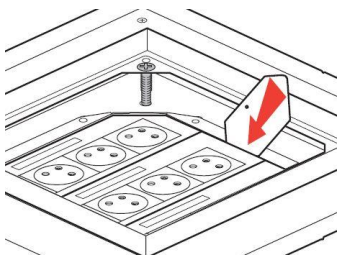
With data(9 mod.)

Wiring accessories frames in an IP30 floor box wooden floors, look at hereunder drawing.

The wiring accessories frames are delivered with a card allowing the installation and the removing of the frames in the bottom of the floor box.

Insertion of the card for installation of the wiring accessories frames
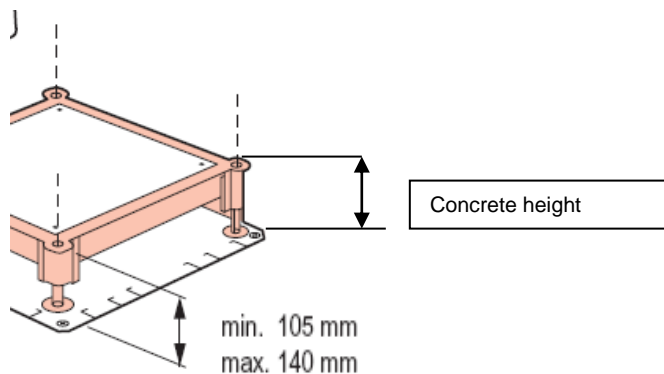
Insertion of the card to remove the wiring accessories frames
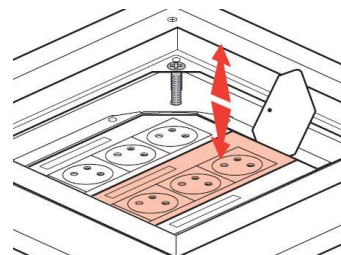
3 TECHNICAL CHARACTERISTICS

Metal backbox including 4 sides for floor trunking & one accessory for height adjustment.
Cat.Nos 89639 : set of 2 adaptors for conduit Ø 16, 20 et 25
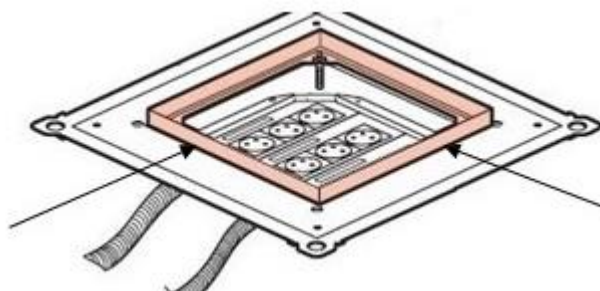
Concrete height

min. 105 mm
max. 140 mm

The backbox is adjustable in height, its height has to be the same as the concrete

For fixing adaptors for conduits in the bottom of the backbox, look at hereunder drawing)
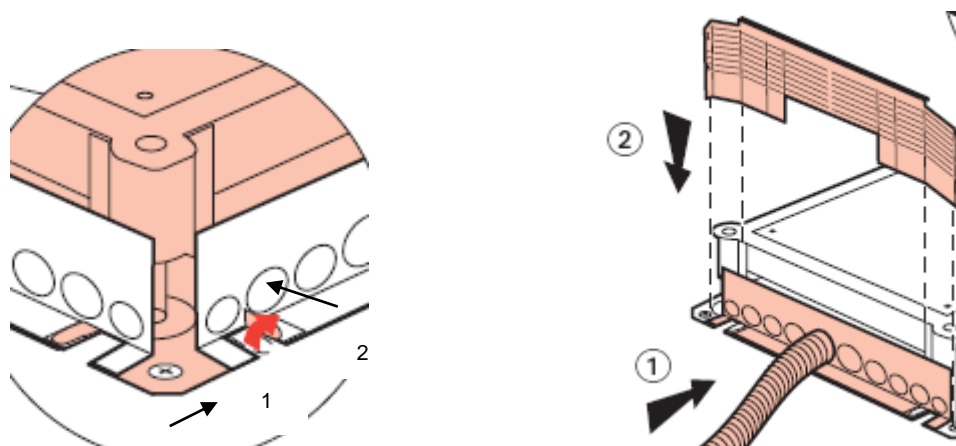
Important:

Before the installation of the final coating, make a joint around the support lid for a good sealing.

Concerning the installation of tiing, leave 5 mm all around the support lid to make a joint there.

The interior of floor box does not have to receive waste/dust during the installation of equipment as before the installation of the lid (this guaranteeing the effectiveness of the joint inside the box)

Joint inside the box
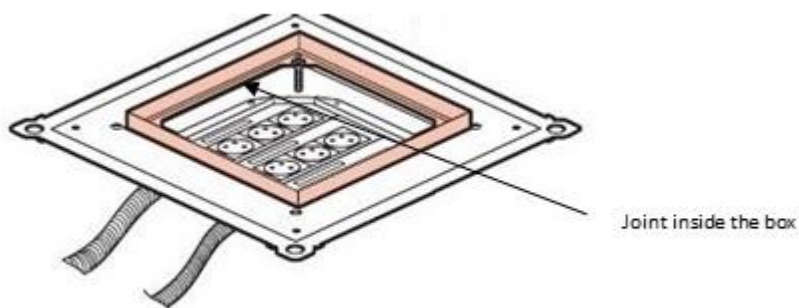
3 TECHNICAL CHARACTERISTICS
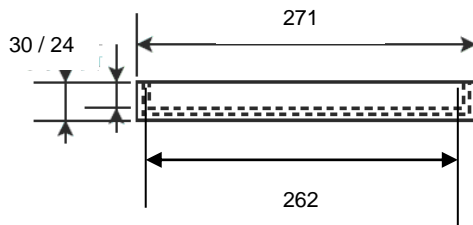
Dimensions (for support & cover):
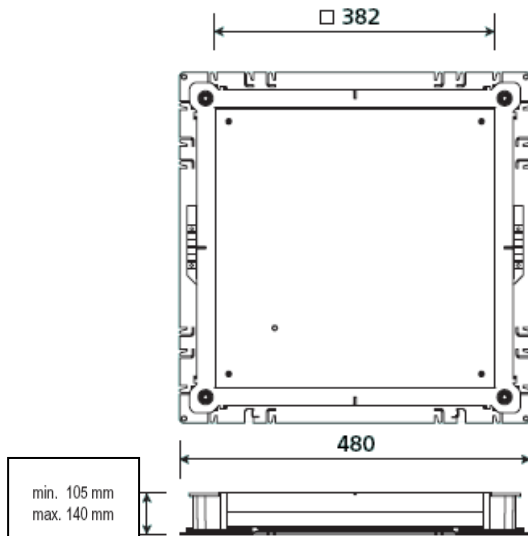
Index of protection (IP)

IP30 with cover closed, plugs no connected, wiring accessories frames IP24

Installation principe :

In order to install wiring accessories, it is necessary to adjust the backbox at the level concrete of 105mm.

Dimension in mm of the cover of floor boxes Cat.Nos 89688 :

4 MATERIAL CHARACTERISTICS.

Covers : Stainnless steel 304L
Backboxes : Galvanized steel+ Zamac
Wiring accessories frames: polypropylene