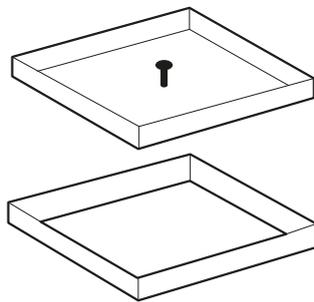
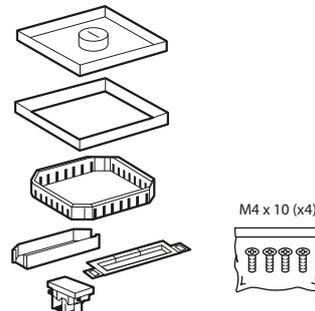


## Heavy duty in-screed floor box for concrete floors

Cat. No(s): 0 880 80/86/88 - 0 896 82/85/86/87



0 896 85



0 896 86

### 1. USE

Floor boxes for distribution of high and low voltage in concrete screed installations.

For highly frequented areas, requiring important mechanical resistance.

Indoor installation.

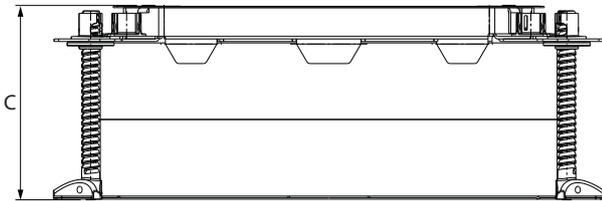
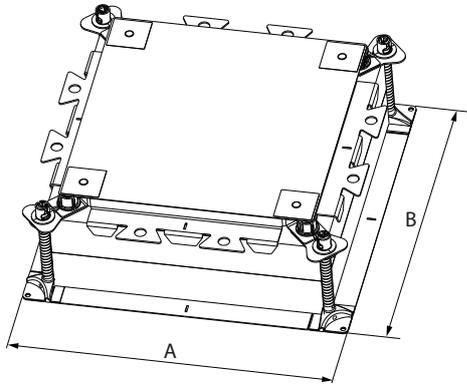
To use with backbox cat. no. 0 880 80 and the accessories cat. nos 0 880 86 & 88, useful in case of height adjustment of the backbox.

### 2. RANGE

Description		Cat. Nos	
Universal adjustable backbox for concrete floor supplied with 2 foam blocks (for height adjustment) for screed height of 105 to 125 mm		0 880 80	x2
Useful accessories for height extension of backbox cat. no 0 880 80 when concrete height is more than 125 mm	Kit of 4 height extension feet	0 880 86	x4
	Block of foam for height extension	0 800 88	
Heavy duty floor boxes with 1 central cable exit		0 896 86	
	Lateral outlet cable exit accessory for 0 896 86	0 896 87	
Access trap		0 896 85	
Heavy duty support frame 15 kN for 0 896 86 & 0 896 85		0 896 82	

**3. DIMENSIONS**

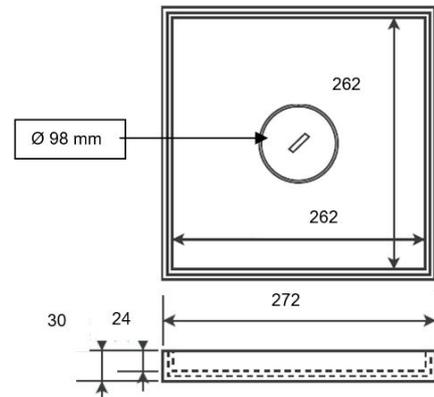
■ **3.1 Adjustable universal backbox for concrete floor  
cat. no. 0 880 80**



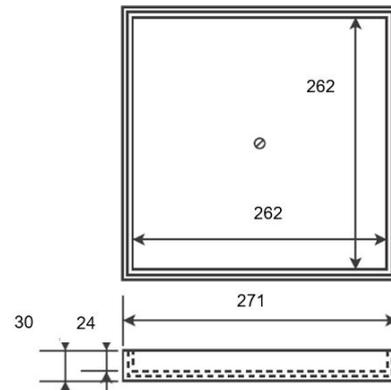
Adjustable universal backbox cat. no	A	B	C
0 880 80	428	428	152

**3. DIMENSIONS (cont.)**

■ **3.2 Floor box cover with central cable exit cat. no 0 896 86**



■ **3.3 Floor box cover for access trap (full cover) cat. no. 0 896 85**

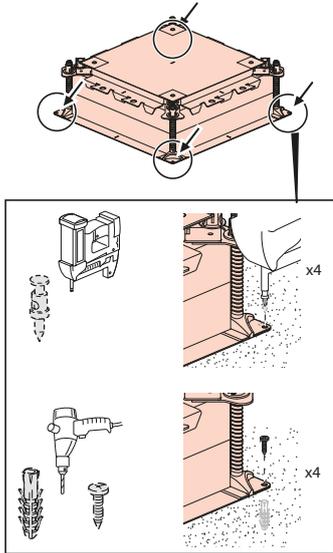


**4. INSTALLATION**

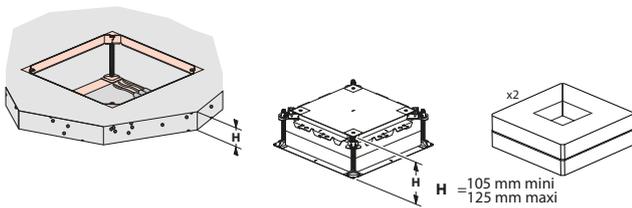
■ **4.1 Universal adjustable back box cat. no. 0 880 80**

Useful for installation of heavy duty floor box cat. nos 0 896 85/86  
Supplied with 2 foam blocks

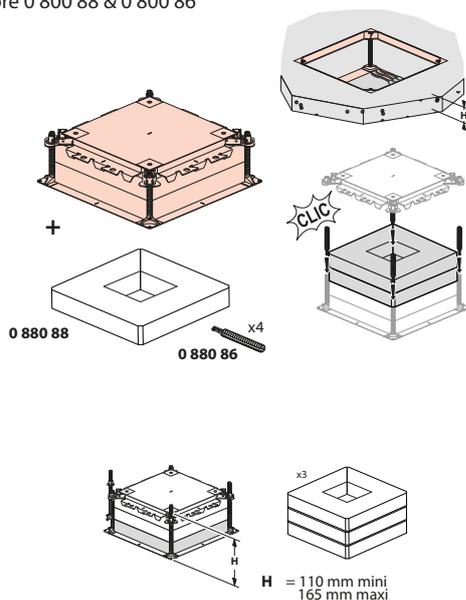
Adjustment of back box height according to the height of concrete screed



Number of foam blocks required when screed height is less than 125 mm



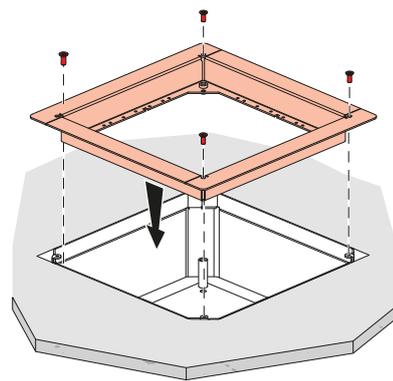
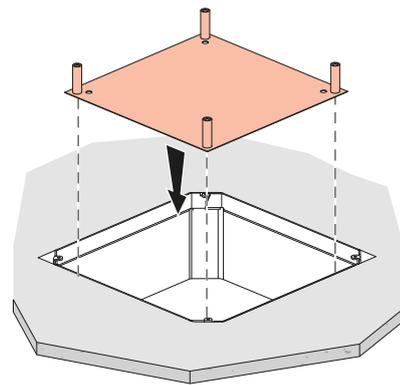
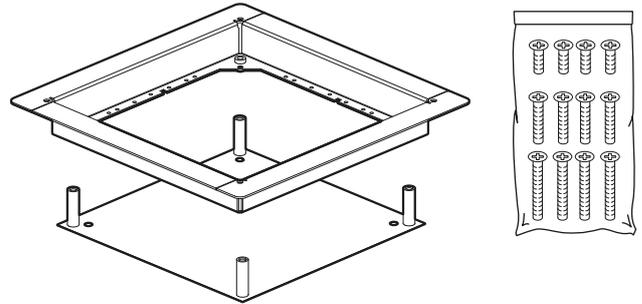
Adjustment of the foam block number to the expected screed thickness using more 0 880 88 & 0 880 86



**4. INSTALLATION (cont.)**

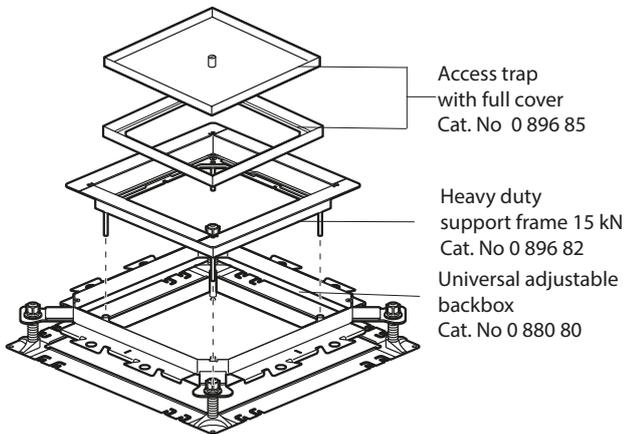
■ **4.2 Heavy duty support frame 15 kN cat. no. 0 896 82**

Useful for installation of heavy duty floor box cat. nos 0 896 85/86  
in universal adjustable back box cat. no. 0 880 80

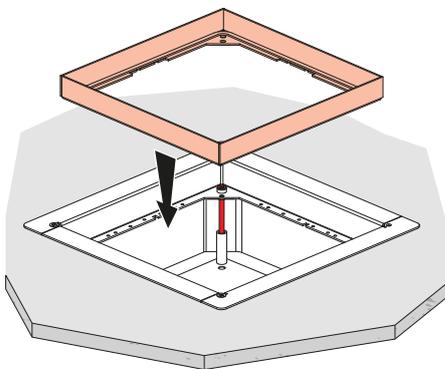


**4. INSTALLATION (cont.)**

4.2.1 Installation of the heavy duty support frame  
cat. no 0 896 82 with the access trap cat. no 0 896 85

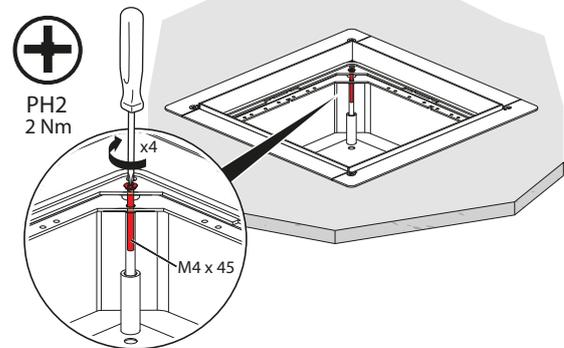


Adjustment of the cover height to the finished floor level



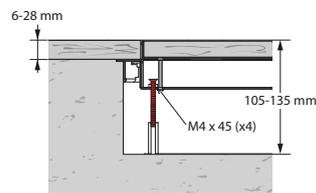
**4. INSTALLATION (cont.)**

Installation of the cover support

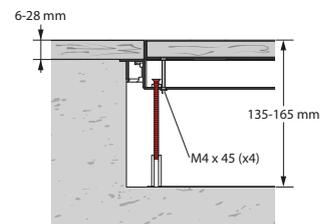


Use M6x70 (x4) or M6x100 (x4) screws

**M6 x 70 (x4)**

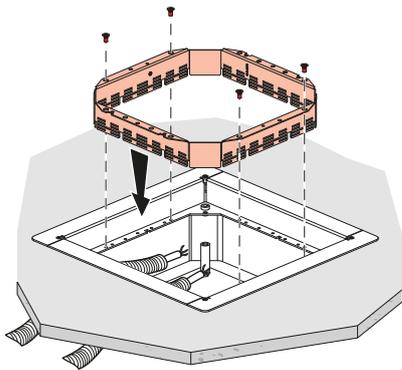
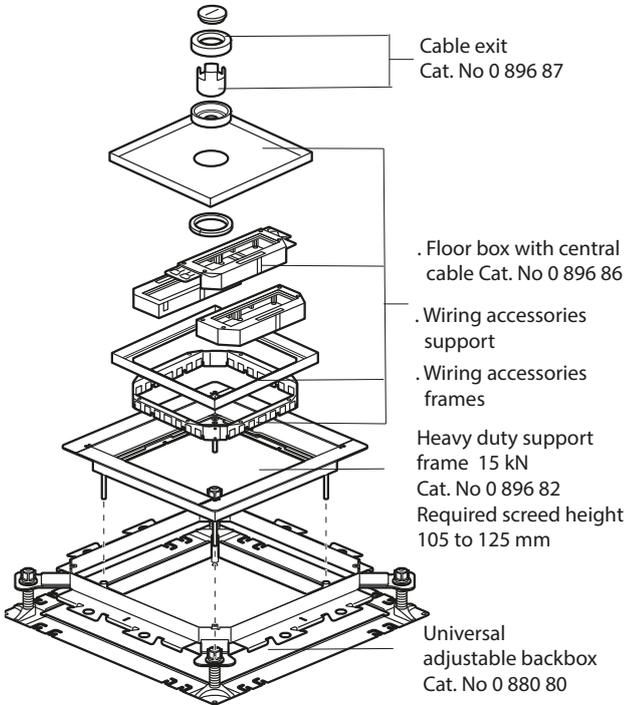


**M6 x 100 (x4)**

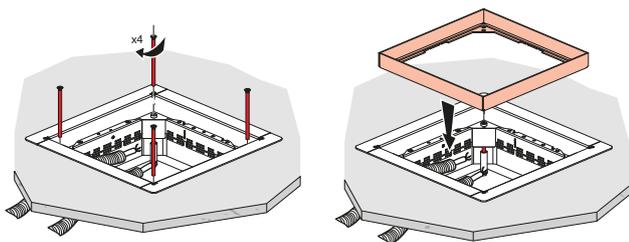


**4. INSTALLATION (cont.)**

4.2.2 Installation of the heavy duty support frame  
cat. no 0 896 82 with floor box with central cable exit  
cat. no 0 896 86

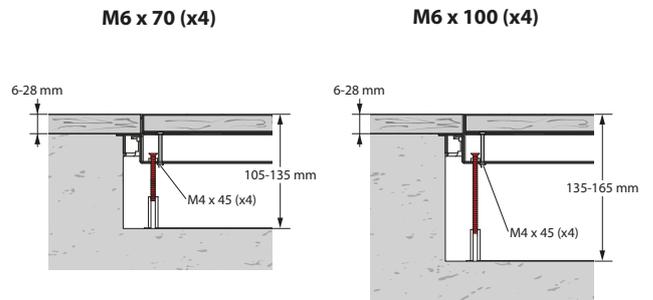


Installation of the screws and the cover

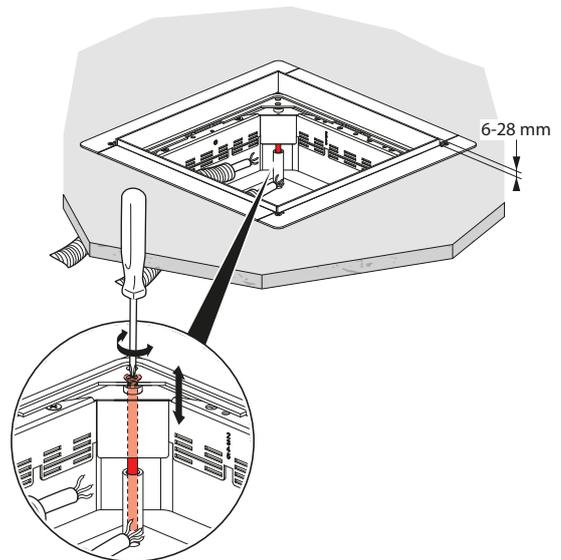


**4. INSTALLATION (cont.)**

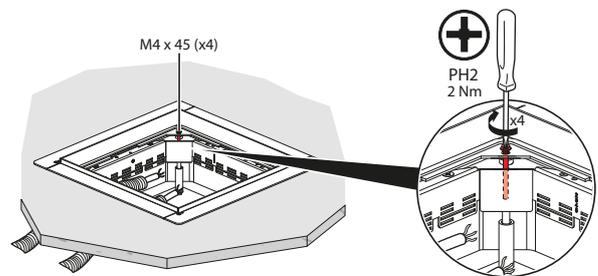
Use M6x70 (x4) or M6X100 (x4) screws



Adjustment of the support height for cover

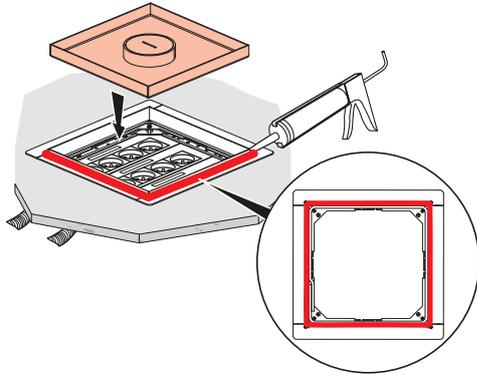


Position locking

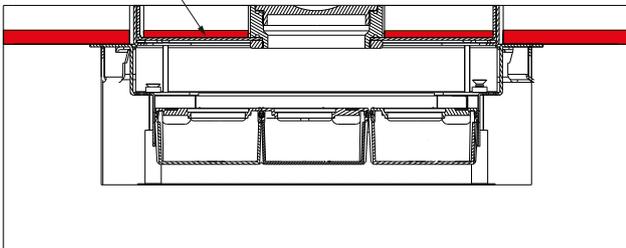


4. INSTALLATION (cont.)

- 4.3 Cover installation on floor box with cable exit  
cat. no. 0 896 86

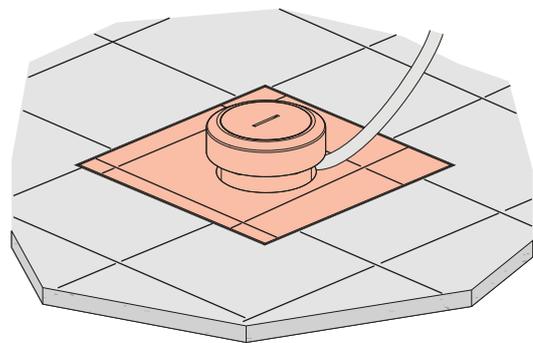
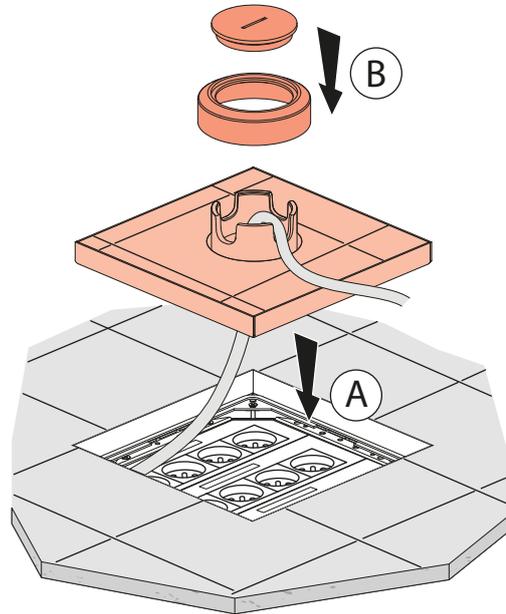


Before fitting coating, adjustment of the level of the inside of the cover with the help of the glue shown in red color (depth of the glue = difference between the coating thickness and the cover height)



4. INSTALLATION (cont.)

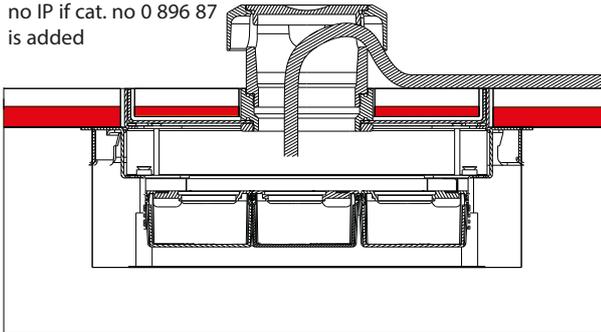
- 4.4 Installation of the cable exit accessory cat. no. 0 896 67



## 5. TECHNICAL CHARACTERISTICS

Cat. Nos	Degree of protection (IP)	Resistance to impacts
0 896 85	IP40	IK 10
0 896 86		

no IP if cat. no 0 896 87  
is added



### Maximum vertical load resistance

Cat. nos	large surface (Ø 130 mm)
0 896 85	12 500 N
0 896 86	

## 6. MATERIAL CHARACTERISTICS

Covers : Stainless steel 304L  
Backboxes : Galvanized steel+ Zamac  
Wiring accessories frames: polypropylene  
Tube exit : Stainless steel 304L

## 7. CLEANING

Superficial cleaning with a soft cloth. Do not use abrasive products or detergents.

**Caution:** Always test before using other special cleaning products

## 8. STANDARDS & APPROVALS

Compliant to Standard IEC 60670-1 & IEC 60670-23