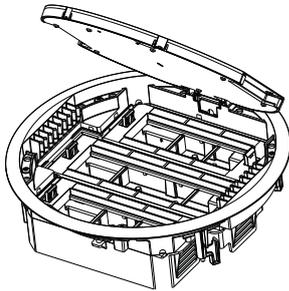
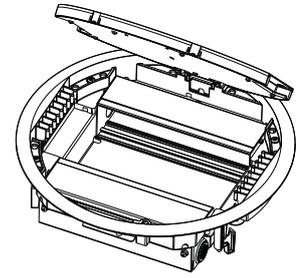
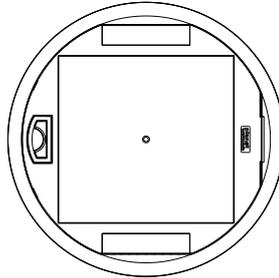


## Floor Boxes - Screed floor Round Range

Cat. No(s) : 0 880 80/86/88/89/98/99 - 0 881 26/27/44



0 881 26



0 881 27

### 1. USE

Round version floor boxes to install in a screed floor of any kind of tertiary buildings (offices, public building, hospitals, schools/universities, shops, showrooms, hotels...). To be equipped with power, data, USB sockets.

The height of the floor box can be adapted to match the screed floor height. Plastic finishing.

We advise to use 2p+E sockets, 45° inclined version with upward earth pin.

We advise you to use gloves when handling the products.

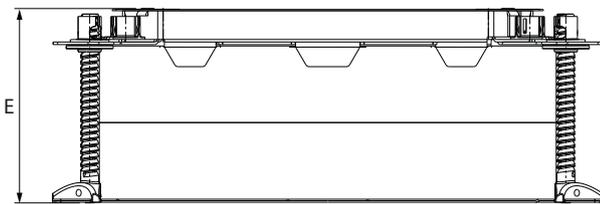
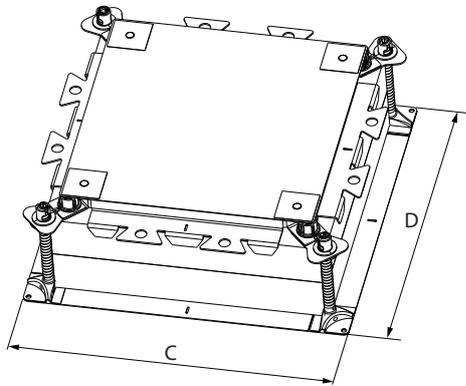
### 2. SELECTION TABLE

| Socket mounting position | Capacity   | Floor box with plastic LIDS & TRIMS | Finishing plate | Adjustable universal back-box | Adaptation plate |
|--------------------------|--|-------------------------------------|-----------------|-------------------------------|------------------|
| Adjustable horizontal    | 20 modules   | 0 881 26                            | 0 881 44        | 0 880 80                      | 0 880 89         |
| Vertical                 | 12 modules (takes up to 16 modules depending on configuration) | 0 881 27                            |                 |                               |                  |

**3. DIMENSIONS**

■ **3.1 Backboxes**

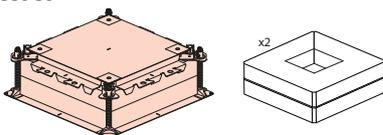
**3.1.1 Universal adjustable backbox**



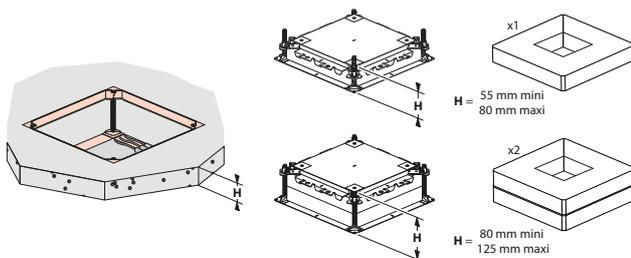
| Universal adjustable backboxes<br>Cat. nos | C   | D   | E   |
|--|-----|-----|-----|
| 0 880 80*                                  | 428 | 428 | 152 |

\* delivered with 2 foam blocks inside

0 880 80 =

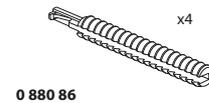
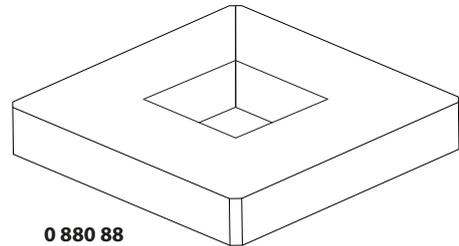


Number of foam blocks necessary when screed height is inferior to 125 mm

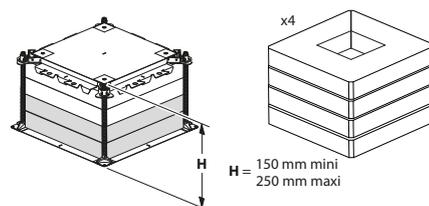
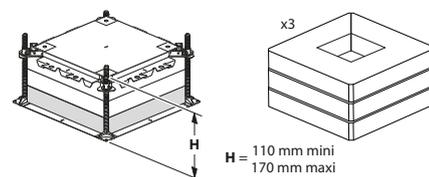
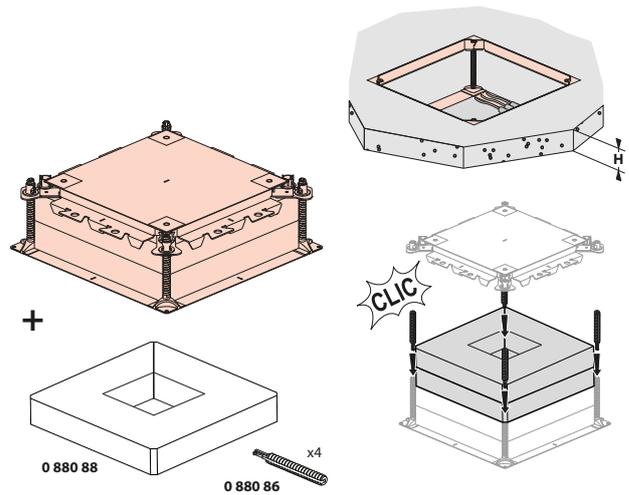


**3. DIMENSIONS (cont.)**

**3.1.1.1 Extra Foam blocks and extra crews for universal adjustable backbox necessary when screed height is superior to 125 mm**

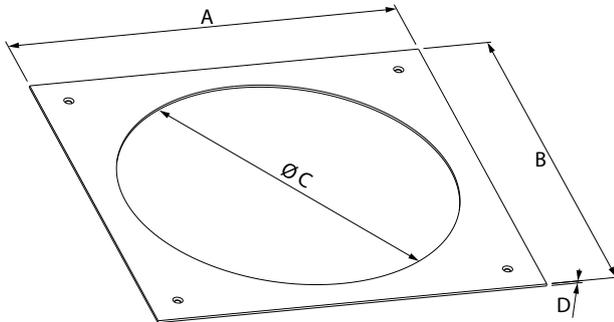


Adapt the foam block number to the expected screed thickness



**3. DIMENSIONS (cont.)**

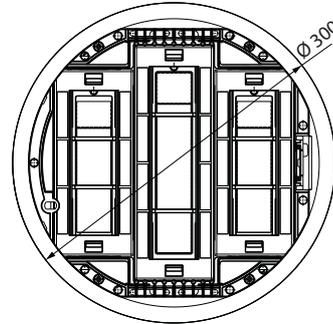
■ 3.1.1.2 Adaptation plate for adjustable universal backboxes for round floor boxes



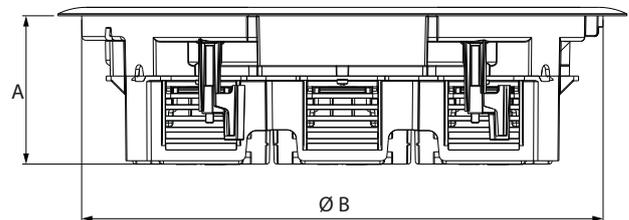
| Adaptation plates<br>Cat. nos | A   | B   | ØC  | D |
|-------------------------------|-----|-----|-----|---|
| 0 880 89                      | 330 | 330 | 277 | 2 |

**3. DIMENSIONS (cont.)**

■ 3.2 Floor boxes with empty baskets cat. no 0 881 26 for wiring devices in horizontal position - adjustable height

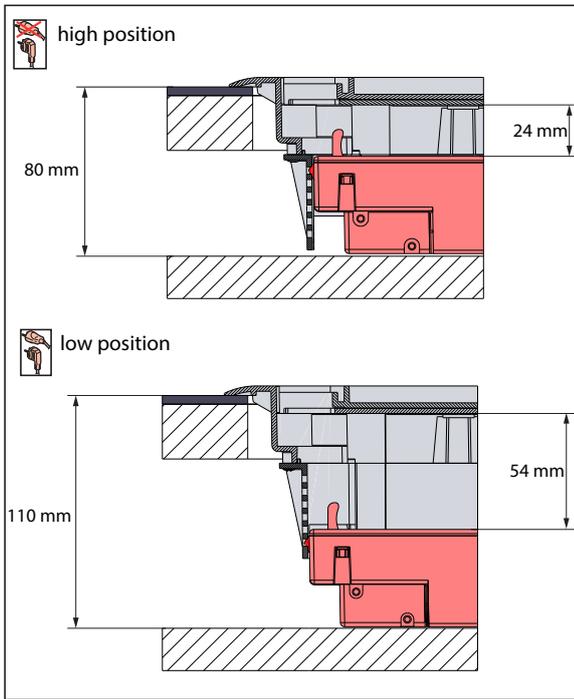


| Floor boxes with empty baskets<br>Cat. nos | Number of modules | A  | Ø B |
|--|-------------------|----|-----|
| 0 881 26                                   | 20                | 79 | 275 |

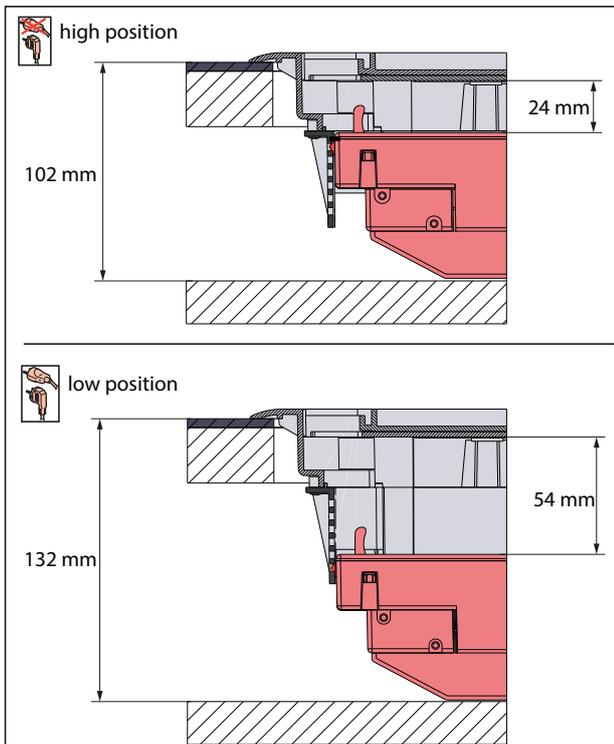


3. DIMENSIONS (cont.)

3.2.1 Empty basket

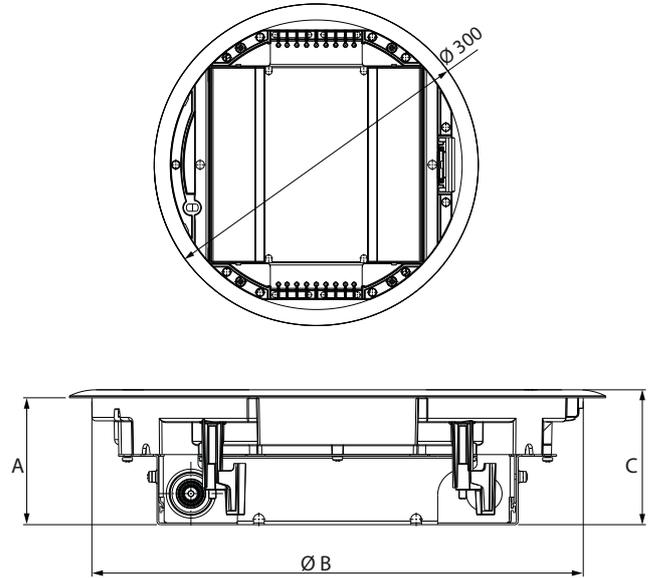


3.2.2 Possibility to replace empty baskets delivered with round back box by baskets equipped with fast connecting system Wieland®



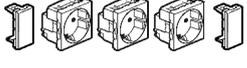
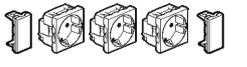
3. DIMENSIONS (cont.)

■ 3.3 Floor boxes with empty frames cat. nr 0 881 27 for wiring devices in vertical position



| Floor boxes with empty frames Cat. nos | Number of modules | A  | Ø B | C  |
|--|-------------------|----|-----|----|
| 0 881 27                               | up to 16*         | 72 | 275 | 76 |

Capacity of floor box nr 0 881 27 depending on configuration for optimized cabling operations

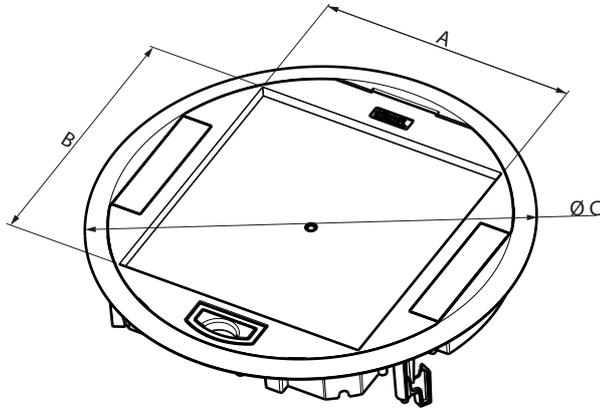
| Wiring accessories (use obligatory blanking plate no 0 770 70 when configuration with 2 P+E sockets)  | Capacity (maximum nb of modules) |
|---|----------------------------------|
| 2 P+E sockets only* with blanking plate cat no 0 770 70<br><br>X 2 | = 12 m<br>(2 x 6)                |
| Mix with blanking plate cat no 0 770 70<br><br>+                   | = 14 m<br>(6 + 8)                |
| Data sockets only<br><br>+   | = 16 m<br>(2 x 8)                |

\*In order to connect all types of user plugs (straight and angle) and to be able to close correctly the lid, we advise to use 2 P+E sockets, 45° inclined version with upward earth pin, as below:

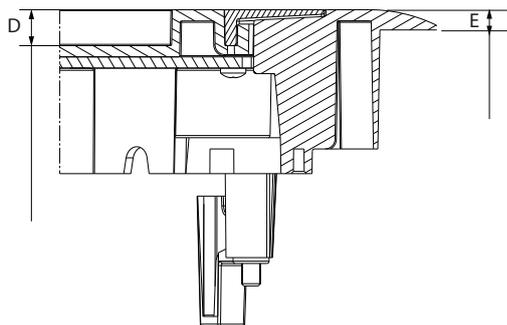


3. DIMENSIONS (cont.)

3.4 Plastic Lids & Trims



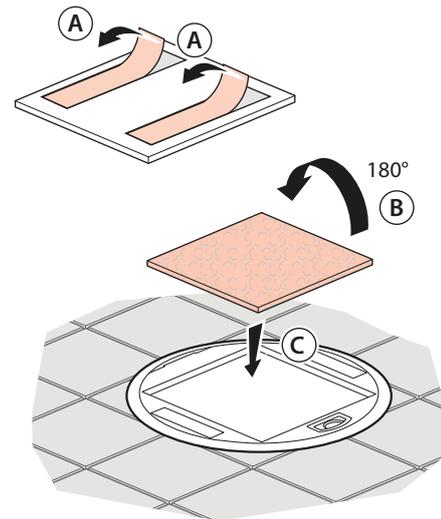
| 2 versions            | Cat. nos | A     | B     | C   | D | E   |
|-----------------------|----------|-------|-------|-----|---|-----|
| Adjustable horizontal | 0 881 26 | 180.5 | 188.5 | 300 | 8 | 4.5 |
| Fixed vertical        | 0 881 27 |       |       |     |   |     |



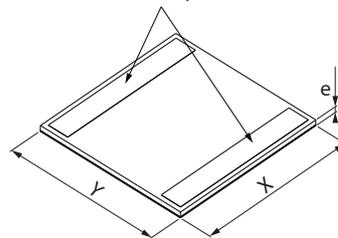
3. DIMENSIONS (cont.)

3.5 Finishing plates for metal lid & trims

| 1 finish        | Cat. Nos |
|-----------------|----------|
| stainless steel | 0 881 44 |



Double sided adhesive tape to fix the finishing plate on the lid & trim



| Cat. nos | X     | Y     | e    |
|----------|-------|-------|------|
| 0 881 44 | 180.5 | 188.5 | 7.15 |

Remove protection adhesive tape from finishing lids and plates **ONLY WHEN THE BUILDING IS READY TO RECEIVE ITS OCCUPANTS** (= heated and normal hygrometry rate 45-65 %).

3.6 Locking system cat. nos 0 80098/99

|                 |  |  |
|-----------------|---|---|
|                 | with key  | without key   |
| Plastic boxes * | 0 880 98  | 0 880 99  |

\* to be done by installer or electrician

**4. INSTALLATION**

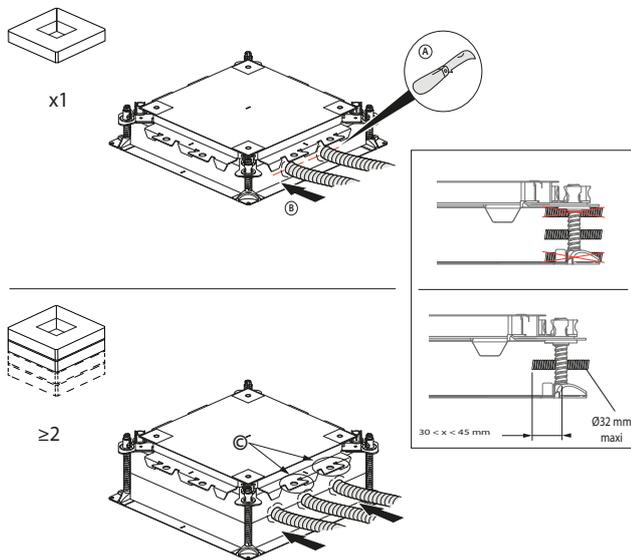
■ 4.1 Mini floor screed height

|                       | X (mm)<br>mini floor<br>height | Cat. Nos |
|-----------------------|--------------------------------|----------|
| Horizontal adjustable | 80                             | 0 881 26 |
| Vertical fixed        | 80                             | 0 881 27 |

■ 4.2 Bridles

**Caution !**

The conduits **must NOT be placed** between the foam and a metallic part (on top or bottom) as this would degrade the backboxes' impermeability when pouring concrete.



Attach the conduits to the bridles © in order to avoid their translation during the concrete pouring

**5. GENERAL CHARACTERISTICS**

■ 5.1 Mechanical characteristics

**Protection to :**

- IP30 with the cover closed
- IP20 with the cover opened
- IP24 of sockets outlets with the cover closed

**Resistance to impacts :** IK08 with the cover closed

**Self-extinguishing :** + 650°C/30s for parts made of insulating materials according to EN60095-2-11  
The intlets of conduits or cables are pre-cutting for an easier installation

**5. GENERAL CHARACTERISTICS (cont.)**

**Classification floor boxes 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 dry treatment      |
| 7.3 The type of inlets (outlets)  | Without inlets. Inlet openings will be made during installation              |
| 7.4 The clamping means  | With 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  |
| 13 Protection against ingress of solid objects & against harmful ingress of water | IP30 cover closed / IP20 cover opened  |
| 15.101 Resistance to vertical load through a small surface                        | 500 N  |

**Resistance to maximum vertical load for screed floor**

| Round range Floor boxes | References of the lid & trim | small surface (1 cm <sup>2</sup> ) | large surface (Ø 130 mm) |
|-------------------------|------------------------------|------------------------------------|--------------------------|
| Plastic                 | 0 881 26/27                  | 1 000 N                            | 2 000 N                  |

**Safety :** Check that the system is earthed

■ 5.2 Material characteristics

**Floor boxes Material list**

- . Plastic materials : ABS
- . Plastic materials : TPEE
- . Zamak
- . Galvanized steel (Z140)
- . Aluminium trunking

**Back boxes Material list**

- . Galvanized steel (Z140)
- . Plastic materials : ABS

**6. CARE**

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

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

**7. STANDARDS & APPROVALS**

Compliant with installation and manufacturing standards.  
See e. catalogue.