

## Floor Boxes - Raised floor Standard Range

Cat. No(s) : 0 880 00 to 17 - 0 880 20 to 28 - 0 880 30 to 32 -  
 0 880 36 to 55/57 - 0 880 95/98/99



### 1. USE

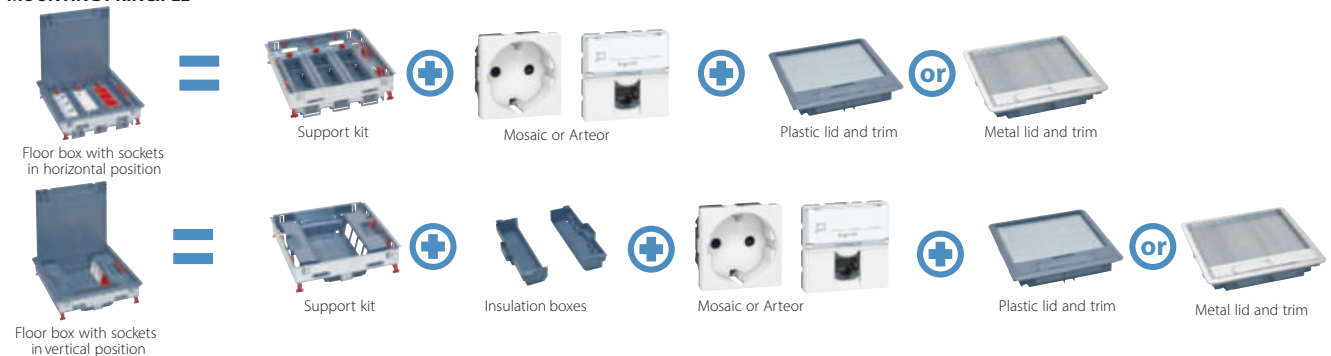
Standard version floor boxes to install in a raised floor of any kind of tertiary buildings (offices, public building, hospitals, schools/universities, shops, showrooms, hotels...). To be equipped with power, data, USB sockets.

Possibility to choose between different finishing's.

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

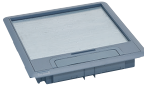
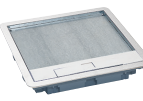

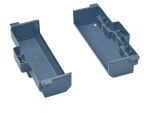
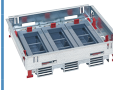


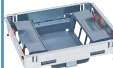

We advise you to use gloves when handling the products.

#### MOUNTING PRINCIPLE



2. SELECTION TABLE

■ 2.1 General chart

POSITION DE MONTAGE DES PRISES	CAPACITE	KITS SUPPORT BOÎTE DE SOL	COUVERCLES POUR REVÊTEMENT ÉPAISSEUR ≤ 8 MM		PLAQUES DE FINITION (OPTIONNELLES)		BOÎTIERS D'ISOLATION	
			 Couvercle plastique 0 880 02	 Couvercle inox 0 880 05	 0 880 47	 0 880 27		
 Horizontale réglable Hmin: 80 mm	12 (3 x 4) modules	0 880 20	Plastique	0 880 00	Inox	0 880 15	-	
			Métal	Inox	0 880 03	Inox		0 880 45
	Laiton	0 880 06		Laiton	0 880 48			
	18 (3 x 6) modules	0 880 21	Plastique	0 880 01	Inox	0 880 16		-
			Métal	Inox	0 880 04	Inox		
	Laiton	0 880 07		Laiton	0 880 49			
24 (3 x 8) modules	0 880 22	Plastique	0 880 02	Inox	0 880 17	-		
		Métal	Inox	0 880 05	Inox		0 880 47	
Laiton	0 880 08		Laiton	0 880 50				
 Supports horizontaux à équiper de paniers Hmini : 80 mm pour paniers vides Hmini : 102 mm pour système de raccordement rapide Wieland®	12 (3 x 4) modules	0 880 36	Plastique	0 880 00	Inox	0 880 15	-	
			Métal	Inox	0 880 03	Inox		0 880 45
	Laiton	0 880 06		Laiton	0 880 48			
	18 (3 x 6) modules	0 880 37	Plastique	0 880 01	Inox	0 880 16		-
			Métal	Inox	0 880 04	Inox		
	Laiton	0 880 07		Laiton	0 880 49			
24 (3 x 8) modules	0 880 38	Plastique	0 880 02	Inox	0 880 17	-		
		Métal	Inox	0 880 05	Inox		0 880 47	
Laiton	0 880 08		Laiton	0 880 50				
 Horizontale fixe Hmini : 96 mm	12 (3 x 4) modules	0 880 30	Plastique	0 880 00	Inox	0 880 15	-	
			Métal	Inox	0 880 03	Inox		0 880 45
	Laiton	0 880 06		Laiton	0 880 48			
	18 (3 x 6) modules	0 880 31	Plastique	0 880 01	Inox	0 880 16		-
			Métal	Inox	0 880 04	Inox		
	Laiton	0 880 07		Laiton	0 880 49			
24 (3 x 8) modules	0 880 32	Plastique	0 880 02	Inox	0 880 17	-		
		Métal	Inox	0 880 05	Inox		0 880 47	
Laiton	0 880 08		Laiton	0 880 50				
 Verticale fixe Hmin: 83 mm	8 (2 x 4) modules	0 880 23	Plastique	0 880 00	Inox	0 880 15	0 880 26	
			Métal	Inox	0 880 03	Inox		0 880 45
	Laiton	0 880 06		Laiton	0 880 48			
	12 (2 x 6) modules	0 880 24	Plastique	0 880 01	Inox	0 880 16	0 880 27	
			Métal	Inox	0 880 04	Inox		0 880 46
	Laiton	0 880 07		Laiton	0 880 49			
16 (2 x 8) modules	0 880 25	Plastique	0 880 02	Inox	0 880 17	0 880 28		
		Métal	Inox	0 880 05	Inox		0 880 47	
Laiton	0 880 08		Laiton	0 880 50				
 Trappes de visite Hmini : 65 mm	Pour couvercle 8/12 modules	0 880 39	Plastique	0 880 00	Inox	0 880 15	-	
			Métal	Inox	0 880 03	Inox		0 880 45
	Laiton	0 880 06		Laiton	0 880 48			
	Pour couvercle 12/18 modules	0 880 40	Plastique	0 880 01	Inox	0 880 16		-
			Métal	Inox	0 880 04	Inox		
	Laiton	0 880 07		Laiton	0 880 49			
Pour couvercle 16/24 modules	0 880 41	Plastique	0 880 02	Inox	0 880 17	-		
		Métal	Inox	0 880 05	Inox		0 880 47	
Laiton	0 880 08		Laiton	0 880 50				

2. SELECTION TABLE (cont.)

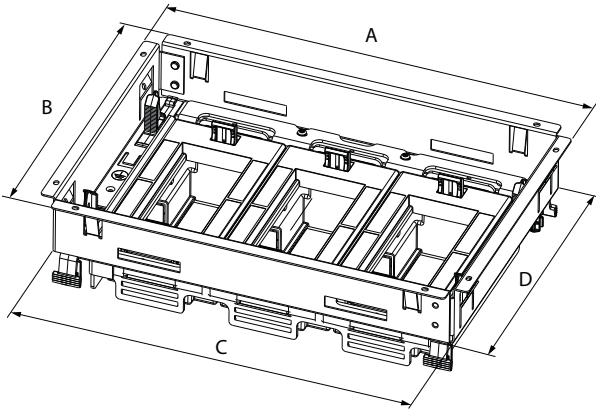
■ 2.2 Chart Floor boxes supplied in kits

Floor boxes supplied in kits	Description	composed of references	
 <p>0 880 09</p>	<p>Kit plastic standard lid &amp; trim + Horizontal frames 12 modules</p>	0 880 00	0 880 20
 <p>0 880 10</p>	<p>Kit plastic standard lid &amp; trim + Horizontal frames 18 modules</p>	0 880 01	0 880 21
 <p>0 880 11</p>	<p>Kit plastic standard lid &amp; trim + Horizontal frames 24 modules</p>	0 880 02	0 88022
 <p>0 880 12</p>	<p>Kit plastic standard lid &amp; trim + Vertical frames 12 modules</p>	0 880 00	0 880 23
 <p>0 880 13</p>	<p>Kit plastic standard lid &amp; trim + Vertical frames 18 modules</p>	0 880 01	0 880 24
 <p>0 880 14</p>	<p>Kit plastic standard lid &amp; trim + Vertical frames 24 modules</p>	0 880 02	0 880 25

3. DIMENSIONS

3.1 Support Kits

3.1.1 Adjustable horizontal mounting floor boxes Support Kits with empty baskets and horizontal frames to be equipped with baskets



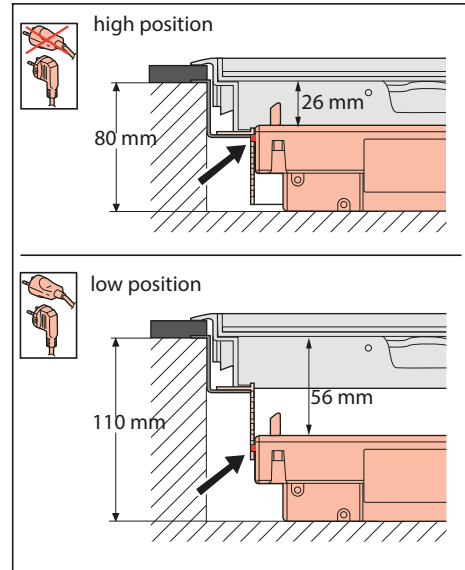
Adjustable horizontal Support kits with empty baskets cat nos	Horizontal frames to be equipped with baskets* cat. nos	Number of modules	A (mm)	B (mm)	C (mm)	D (mm)
0 880 20	0 880 36	3x4M	281.3	198.3	263.3	180.3
0 880 21	0 880 37	3x6M		236.3		218.3
0 880 22	0 880 38	3x8M		281.3		263.3

Adjustable horizontal Support kits with empty baskets	Horizontal frames to be equipped with baskets*	F (mm)
0 880 20	0 880 36	76.7
0 880 21	0 880 37	
0 880 22	0 880 38	

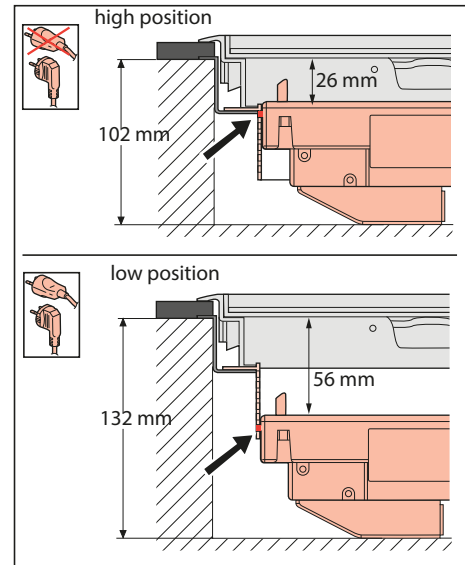
Kind of baskets*		4M	6M	8M
empty		0 880 42	0 880 43	0 880 44
equipped with 2P+E Wieland® german standard		0 880 51	0 880 53	0 880 55
equipped with 2 P+E tamper-proof Wieland® german standard		0 880 52	0 880 54	0 880 57

3. DIMENSIONS (cont.)

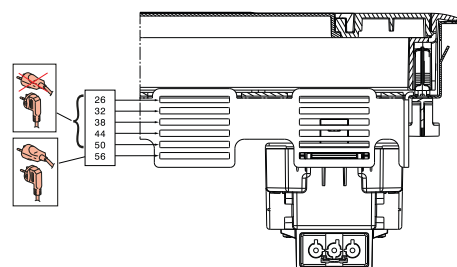
3.1.1.1 Empty basket



3.1.1.2 Fast connecting system Wieland®

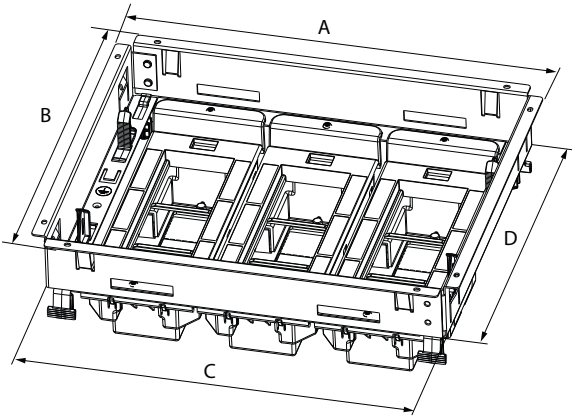


Dimensions (mm) of the different positions of the module

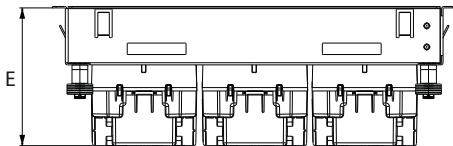


3. DIMENSIONS (cont.)

3.1.2 Fixed Horizontal mounting floor boxes Supports Kits



Cat. nos	Number of modules	A (mm)	B (mm)	C (mm)	D (mm)
0 880 30	3x4M	281.3	198.3	263.3	180.3
0 880 31	3x6M		236.3		218.3
0 880 32	3x8M		281.3		263.3



Cat. nos	E (mm)
0 880 30	96
0 800 31	
0 800 32	

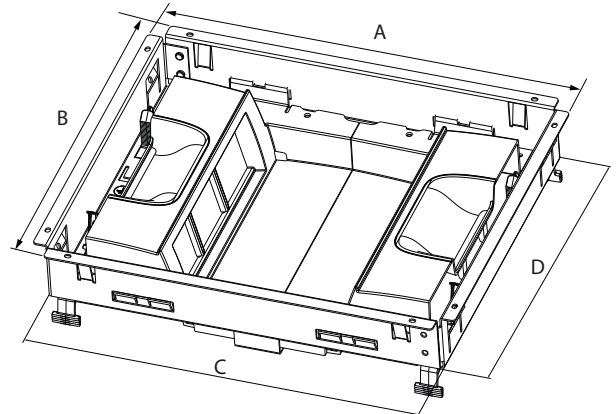
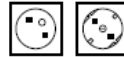
For minimum heights of raised floor, see chart 4.1 Floor cutting

3. DIMENSIONS (cont.)

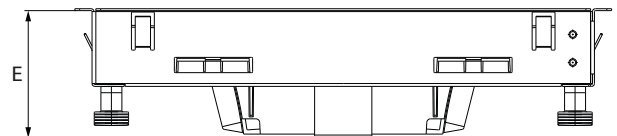
3.1.3 Fixed Vertical mounting floor boxes Supports Kits with empty baskets

3.1.3.1 Supports Kits

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 :



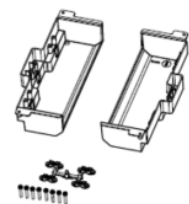
Cat. nos	Number of modules	A (mm)	B (mm)	C (mm)	D (mm)
0 880 23	2x4M	281.3	198.3	263.3	180.3
0 880 24	2x6M		236.3		218.3
0 880 25	2x8M		281.3		263.3



Cat. nos	E (mm)
0 880 23	66.7
0 880 24	
0 880 25	

3.1.3.2 Insulation boxes

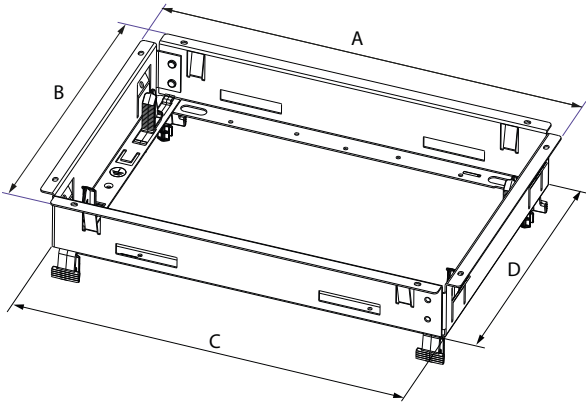
Cat. nos	Number of modules
0 880 26	2x4M
0 880 27	2x6M
0 880 28	2x8M



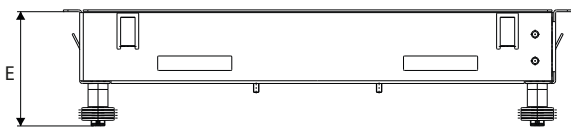
**3. DIMENSIONS (cont.)**

**3.1.4 Access trap boxes**

**3.1.4.1 External dimensions**



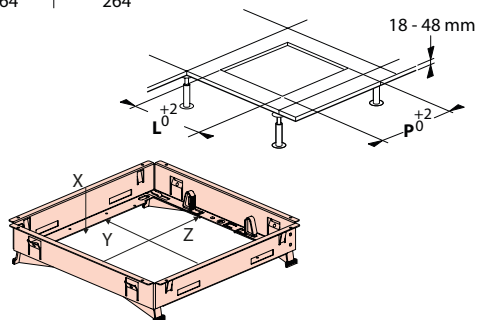
Cat. nos	A (mm)	B (mm)	C (mm)	D (mm)
0 880 39	281.3	198.3	263.3	180.3
0 880 40		236.3		218.3
0 880 41		281.3		263.3



Cat. nos	E (mm)
0 880 39	63.2
0 880 40	
0 880 41	

**3.1.4.2 Internal dimensions**

	P (mm)	L (mm)
<b>8/12 M</b>	264	181
<b>12/18 M</b>	264	219
<b>16/24 M</b>	264	264



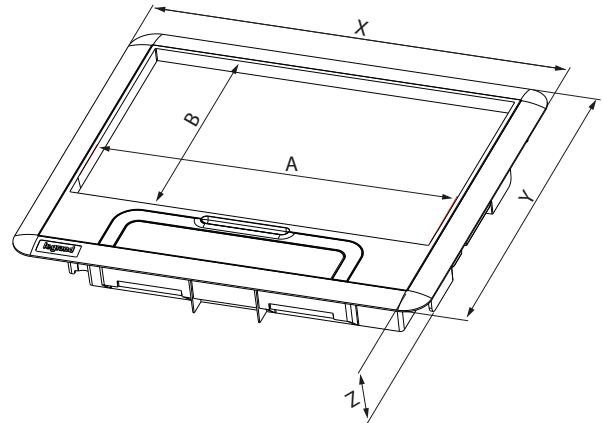
Cat. nos	X (mm)	Y (mm)	Z (mm)
0 880 39	39,7	147,9	229,6
0 880 40		185,9	
0 880 41		230,9	

**3. DIMENSIONS (cont.)**

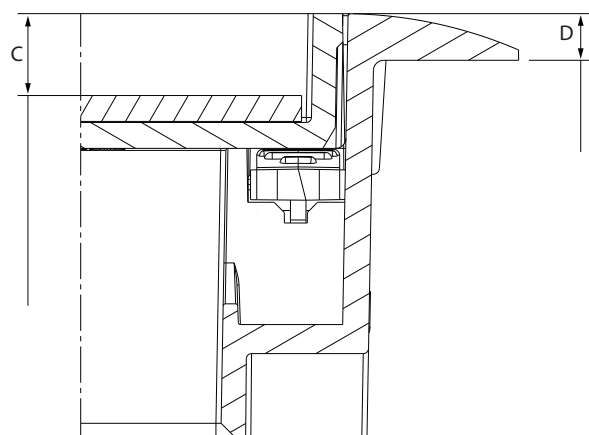
**3.2 Lids & Trims**

**3.2.1 Plastic Lids & Trims**

1 finish	8/12M	12/18M	16/24M
Plastic standard	0 880 00	0 880 01	0 880 02



Cat. nos	X (mm)	Y (mm)	Z (mm)	A (mm)	B (mm)
0 880 00	286	203	41	244.5	116.5
0 880 01		241			154.8
0 880 02		286			199.8

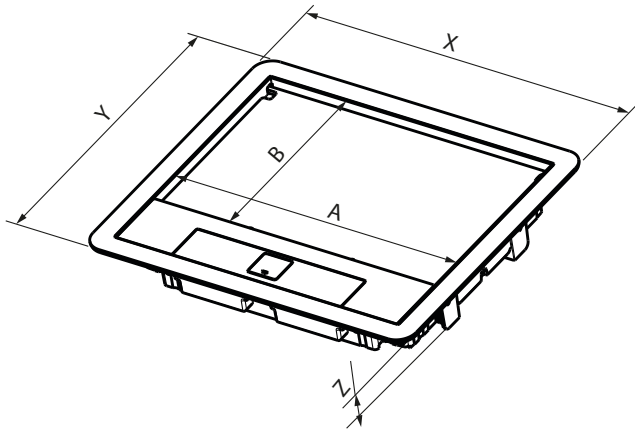


Cat. nos	C (mm)	D (mm)
0 880 00	8	4.5
0 880 01		
0 880 02		

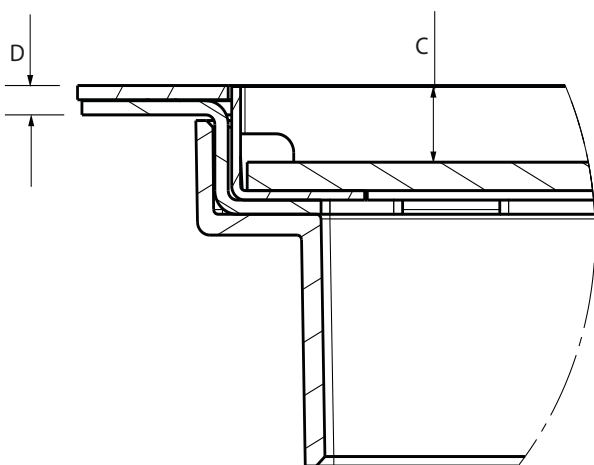
**3. DIMENSIONS (cont.)**

**3.2.2 Metal Lids & Trims**

2 finishes	8/12M	12/18M	16/24M
Stainless steel	0 880 03	0 880 04	0 880 05
Brass	0 880 06	0 880 07	0 880 08



Cat. nos		X (mm)	Y (mm)	Z (mm)	A (mm)	B (mm)
0 880 03	0 880 06	286	203	41	249.2	117.2
0 880 04	0 880 07		241			155.2
0 880 05	0 880 08		286			199.9



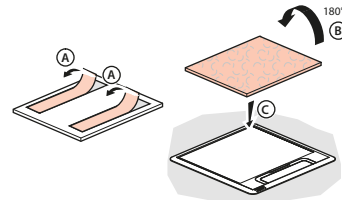
Cat. nos		C (mm)	D (mm)
0 880 03	0 880 06	8	3.1
0 880 04	0 880 07		
0 880 05	0 880 08		

**3. DIMENSIONS (cont.)**

■ **3.3 Finishing plates**

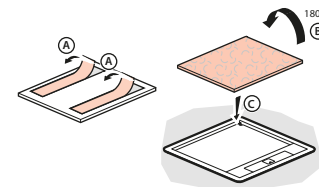
**3.3.1 Finishing plates for plastic lid & trims**

1 finish	8/12M	12/18M	16/24M
Stainless steel	0 800 15	0 800 16	0 800 17

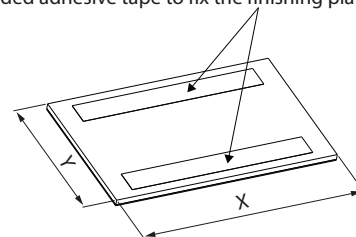


**3.3.2 Finishing plates for metal lid & trims**

2 finishes	8/12M	12/18M	16/24M
Stainless steel	0 880 45	0 880 46	0 880 47
Brass	0 880 48	0 880 49	0 880 50





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



Cat. nos	X (mm)	Y (mm)
0 880 15	244	116
0 880 16		154
0 880 17		199
0 800 45/0 800 48	248	116
0 800 46/0 800 49		154
0 800 47/0 800 50		199

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 %).

■ **3.4 Locking system cat. nos 0 80098/99**

Cat. nos		
Useful for	with key	without key
Plastic boxes *	0 880 98	0 880 99
Metal boxes	on demand	

\* to be done by installer or electrician

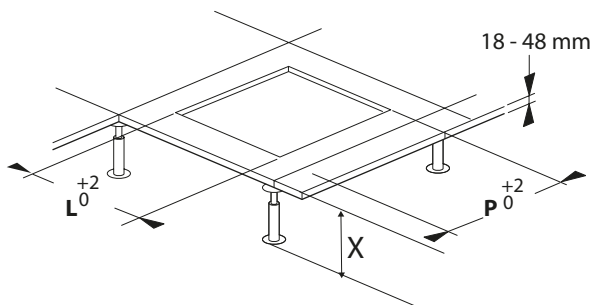
**4. INSTALLATION**

■ 4.1 Floor cutting

Socket mounting position	X (mm) mini	8/12M	12/18M	18/24M
Horizontal adjustable	80* or 102**	0 880 20	0 880 21	0 880 22
Horizontal to be equipped		0 880 36	0 880 37	0 880 38
Horizontal fixed	96	0 880 30	0 880 31	0 880 32
Vertical fixed	83	0 880 23	0 880 24	0 880 25
Access trap	64	0 880 39	0 880 40	0 880 41
L (mm)	-	181	219	264
P (mm)	-	264	264	

\* with basket without Wieland® connector

\*\* with basket with Wieland® connector

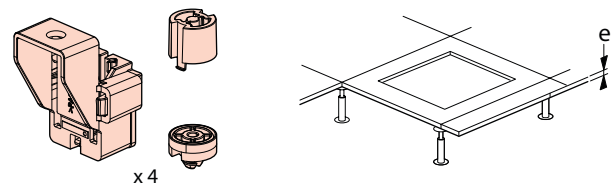


**4. INSTALLATION (cont.)**

■ 4.2 Option : additionnal fixation kit cat no 0 880 95 (example : plaster)

Allow floor clamping when it is necessary for a raised floor in brittle material such as plaster, for which the fixation type with clips of the frame support is not convenient (clamps may not be fixed sufficiently in the plaster)

Preparation of the 4 fixations :



if floor depth (e)

11 mm < e < 17 mm	25 mm < e < 31 mm	31 mm < e < 40 mm
<p>The diagram shows a floor box with a clip being inserted into the frame. The clip is labeled 'A' and 'B', and the action is labeled 'CLIC'.</p>	<p>The diagram shows a floor box with a clip being inserted into the frame. The clip is labeled 'A', and the action is labeled 'CLIC'.</p>	<p>The diagram shows a floor box with a clip being inserted into the frame.</p>



**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.

**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

**Maximum vertical load Resistance**

Standard range Floor boxes	References of the lid & trim	small surface (1 cm <sup>2</sup> )	large surface (Ø 130 mm)
Plastic	0 880 00 to 0 880 02	1 500 N	3 000 N
Metal	0 880 03 to 0 880 08	1 500 N	5 000 N

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

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

■ **5.2 Material characteristics**

**Floor boxes Material list**

- . Plastic materials : ABS
- . Plastic materials : TPEE
- . Plastic materials : PP 6.6 glass fibers
- . Galvanized steel (Z140)
- . Stainless steel
- . Galvanized steel (Z275)
- . Brass

**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.

Brass Raw Brushed : material which evolves with time, it gets veiled and takes a patina. However, a regular cleaning can restore its initial appearance.

Use a special copper cleaner with an antioxidant formula such as "Mirror copper cleaner" or equivalent. Scrub with a soft brush in the direction of the finish brushing.

**7. STANDARDS & APPROVALS**

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