

Meersbloem Melden 16
9700 Oudenaarde - Belgium
T : + 32 55 31 83 35
F : + 32 55 31 43 88
www.vergokan.com

Floor boxes for floor trunking systems that are countersunk in the coating

General

The installation complies with the regulations of the AREI and the regulations for telecommunications and data transmission circuits.

The floor box is composed of a floor box and a square or round hinged cover.

Construction

Floor Box

The floor box is made out of steel plate galvanized according to the Sendzimir procedure, according to the EN 10.143 norm, and it adapts to the floor ducts with a height of 28 mm (PandoraV 28 x 257), 38 mm (PandoraV 38 x 257) or 48 mm (PandoraV 48 x 257).

The floor box has small lips which can be folded outwards and marked depending on the width of the ducts to be connected.

The entries have blockings in order to prevent the ducts from going into the floor boxes.

A marking in the middle of each edge of the bottom plate simplifies the positioning of the box. There are 4 holes in order to fasten the box to the floor.

A square frame in aluminium that has 4 adjusting bolts, offers the possibility of adjusting the box to the level of the upper layer. The frame has a provisional cover in steel plate, galvanized according to the Sendzimir procedure, with a thickness of 2 mm.

The adjusting range is 30 mm, so from 65 to 95 mm for the Pandora 28, from 75 mm to 105 mm for the Pandora 38 and from 85 mm to 105 mm for the Pandora 48.

For coatings which are thicker than the maximum heights, the surmounted frames are available with a height of 30 and 40 mm. These extension frames are stackable.

Hinged Covers

1) Hinged cover for vinyl or carpet

The square hinged cover is made from synthetic material (PA6, V2 class). It has a chamfered edge of 10 mm which protects the carpet or vinyl covering. The covering is fastened to the floor box with 4 M4 x 20 screws.

The four walls of the frame have 6 series of 7 horizontal nicks, at a distance in the height of 5 mm, for the fixing of the assembly boxes.

The inserted sidewalls of the box have rectangular covering plates. At every corner there is a similar small covering plate. The box is equipped with a hinged cover of plate steel of 3 mm. An opening of 5 mm offers the possibility to cover the lid with carpet or vinyl.

The lids covers are available in grey (RAL7011) or graphite black (RAL9011).

Meersbloem Melden 16
9700 Oudenaarde - Belgium
T : + 32 55 31 83 35
F : + 32 55 31 43 88
www.vergokan.com

The cover can be turned 90°, 180° or 270° in the frame. It can also have an opening handle. The cover is equipped with a cord outlet which has two stop valves. These valves can be interlocked in closed position.

2) Hinged cover for parquet or tiles (not waterproof)

The hinged cover is made out of AISI 316 stainless steel. It has a rectangular edge against which the covering is placed (parquet or tiles). It is then fixed to the floor box with 4 M4 x 20 screws or 6 M4 x 50 screws, depending on the thickness of the parquet or the tiles (consult the assembly instructions which are supplied with the cover). The four walls of the frame have 6 series of 7 horizontal nicks, at a distance in the height of 5 mm, for the fixing of the assembly boxes.

An opening of 16 or 26 mm dependent on the chosen model, offers the possibility of facing the cover with parquet or tiles.

The cover is equipped with a cord outlet which has two stop valves. These valves can be interlocked in closed position. The bushing and the valves are available in transparent plastic.

3) Hinged cover for tiles (waterproof)

The hinged cover is made out of aluminium, the frame from AISI 316 stainless steel. It has a rectangular edge against which the covering is placed (at the same level as the finished floor level).

It is then fixed to the floor box with 4 M4 x 20 screws or 6 M4 x 50 screws, depending on the thickness of the tiles (consult the assembly instructions which are supplied with the cover).

The four walls of the frame have 6 series of 7 horizontal nicks arranged vertically, at a distance of 5 mm from each other, for the fixing of the assembly boxes.

In the middle of the aluminium cover there is a bushing with an outer diameter of 50 mm (also in aluminium). The cover can further be equipped with a flange and a ring which can be screwed onto the bushing. The bushing, the flange and the ring stick out 65 mm above the tiles.

The protection factor is IP 53 at usage.

At non-usage the ring can be directly screwed into the cover. The protection factor is then IP 55.

Besides, the cover has 2 lock screws in order to guarantee a perfect watertightness.

An opening of 12 mm offers the possibility to cover the lid with tiles.

Meersbloem Melden 16
9700 Oudenaarde - Belgium
T : + 32 55 31 83 35
F : + 32 55 31 43 88
www.vergokan.com

4) Cassette for parquet/tiles (waterproof – pull-box)

The hinged cover is made out of AISI 316 stainless steel. It has a rectangular edge against which the covering is placed (at the same level as the finished floor level).

The cassette exists out of a support frame which is fixed to the floor box with 4 M4 x 20 screws, a gasket ring and a cover.

The obtained protection factor is IP 55.

An opening of 13 mm or 23 mm, depending on the model chosen, offers the possibility of facing the cover with parquet or tiles.

The floor box cannot be equipped – so only use it for pull-boxes or inspection boxes.

5) Cassette for parquet/tiles (waterproof – equipped floor box)

The frame of the cassette is made out of AISI 316 stainless steel and the cover and the bushing are made out of aluminium. The cassette has a rectangular edge against which the covering is placed (at the same level as the finished floor level).

The walls of the frame have 6 series of 7 horizontal nicks, at a distance in the height of 5 mm, for the fixing of the assembly boxes.

In the middle of the aluminium cover there is a bushing with an outer diameter of 50 mm (also in aluminium). The cover can further be equipped with a flange and a ring which is screwed on the bushing. The bushing and the ring stick out 65 mm above the tiles.

An opening of 13 mm offers the possibility of facing the cover with tiles.

The protection factor is IP 53 at usage.

At non-usage the ring is directly screwed in the cover. The protection factor is than IP 55.

Brand: Vergokan or similar.

These specifications are valid only in Belgium. Products meet with the charge book 400