Gyptone Plank™ system
Installation manual

Design and technique

Product description
Gyptone Plank is a selfsupporting acoustic gypsum ceiling, typically used in hallways and corridors. Gyptone ceilings can be used for many applications, like schools, offices and commercial settings. Gyptone Plank is fully demountable and provides good opportunities for access to installations above the ceiling. Gyptone Plank is available with or without perforation in formats 300 x 1800, 300 x 2100 and 300 x 2400 mm.

Plenum height
Gyptone Plank is selfsupporting, however a min clearance of 200 mm above the ceiling is required for correct installation.

Surfaces
Gyptone Plank is painted from the factory. The color used is white (NCS0500) with a gloss value of 5-9 according to ISO 2813. Further painting is to be done with a shorthaired paint roller as spray painting will impair the acoustic performance.

Gridsystem
Gyptone Plank must be installed in the appropriate grid system. The system is selfsupporting and needs no additional hangers. Gyptone Plank must be installed according to this installation manual as well as the general specification of the project.

Fire
A2-s1, d0

Gyproc A/S is not to be held responsible for any geographical errors and reserves the right to change range and product technology without previous notice.
Fix the edge profile to the wall with suitable fastening, with a cc distance of max. 300 mm. The edge profile should be placed so the entire ceiling is suspended min. 200 mm from the structure above.

Corners are made by cutting the edge profiles in mitre joint.

The Plank and main profile are shortened to the correct length. The main profile is cut a few mm undersize compared to the corridor width. The Plank is cut min. 35-40 mm in undersize compared to the overall width of the corridor.

Gyptone Plank™ can be shortened with a knife. Cut from both sides of the Plank, so the perforation remains centered. Plank can also be shortened by cutting in the perforated field if necessary. We do not recommend cutting in a Line perforation, as this may weaken the Plank.

Mount alternately Plank and main profile. Place Plank so it rests on the main profile and edge profile. The main profile is twisted into the edge profile until it locks, thereby achieving a stable construction.

Install respectively Plank (1) and main profile (2), etc. This pattern is repeated.
Gyptone Plank™ system
Gyptone Plank – Alternative mounting

Installation of Gyptone Plank in regular rooms, wide corridors, niches or corridor corners. If Plank needs to be installed in other ways than with a direct spread from wall to wall, use hangers. 2 edge profiles are placed back to back and joined with P14 screw per max cc 300 mm. Holes are drilled for the hangers and they are placed with a cc distance of 600 mm, max 300 mm from the wall. A notch is cut in the edge profile, where the hanger is placed.

1. 15 mm main profile 4108010, 4108015, 4108020 length 1830, 2130, 2430 mm.
2. 12.5 mm Gyptone Plank edge E15/A.
3. Transition profile is created with 2 edge profiles 4133900 mounted back to back.
4. Screw P14, cc 300 mm.
5. Holes are drilled in the transition profile for adjustable hangers. Hangers are placed per cc 600 mm and the first hanger max 300 mm from the wall.
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Gyptone Plank and grid system

Line 8
6 x 95 mm

Point 15
Ø 6.5 mm, cc 15 mm

Quattro 55
12 x 12 mm, cc 25 mm

Main profile
L: T-15
1830, 2130, 2430 mm

Edge profile
L: 3000 mm
**Gyptone Plank™ system**

**Gyptone Plank – Good advice**

**Corners with edge profile**

- **Mitre joint**
- **Overlap joint**

**Suspension height**

- **Min suspension height**
- **Min suspension height with obstacle**

**Making of transition profile**

See page 3 for further information

**Shortening of Plank**

- **Shortening of Plank in the perforation**
- **Shortening of Plank outside the perforation**
**Gyptone Plank™ system**

**Checklist for installation of Gyptone Plank and grid system**

We recommend reading the manual thoroughly prior to installing the ceiling.

- Humidity in the room should not exceed 70% during installation or usage.
- Always use the appropriate grid system when installing Gyptone Plank.
- When demounting the first Plank, a min clearance of 200 mm is required. Following elements can be demounted if the clearance is min 50 mm.
- Fix the edge profile to the wall with max cc distance of 300 mm.
- Cut and adjust the main profiles.
- Plank can be shortened to the correct length, 35-40 mm in undersize compared to the overall width of the corridor.
- Gyptone Plank cannot support extra weight. If installations are required in a Plank ceiling, the installation should be fixed to the slab above with dedicated hangers.

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**ISO and OHSAS**

Gyproc A/S has a quality management system, which is certified by BVQI Denmark A/A according to the demands in ISO 9001, 14001 and OHSAS 18001.