

The Lo-board gypsum fibreboards are composed of high quality calcinated gypsum and selected paper fibres.

Properties

Special Properties

- Versatile application
- Robustness
- Moisture resistance
- Easy to install
- Optimum fire and sound protection

Weight:

18mm = 21.24kg/m²

Dimensions:

800 x 600 - Straight run panel

Application:

Overlay panel for underfloor heating

Storage:

Lo-boards must be stored on a flat surface in a dry environment.

European Standards:

European Technical Approval ETA-07/0086 issued DIBT, Berlin on 17.03.08
EN 15283-2 Gypsum fibre boards.

Technical Data

Density:

1000 ÷ 1250 kg/m³

Thermal Conductivity:

$\lambda \leq 0.30$ W/mK

Water Diffusion Resistance Coefficient: $\mu = 21$

Fire Classification:

A2 s1d0

Deviation in dimension:

0.30 mm/m - according to EN 318
deviation in relative air moisture 30%

Bending Strength:

$f_{m,k} = 4.5$ N/mm²

Compressive strength:

$f_{c,k} = 7.5$ N/mm²

Tensile strength:

$f_{t,k} = 2.3$ N/mm²

Modulus of elasticity:

$E = 3900$ N/mm²

Fixing

Lo-Board can be fixed to timber or concrete subfloor structures using screws or nails.

Note:

Ceramic Tiles - Tiling on the primed surface is applied with tile adhesive. Ensure that the primer and the adhesive are compatible.



