

FERMASOUND® BASE

MATERIAL

Fermasound® Base is a 12.5 mm thick gypsum fiber board with a high level of stability and a surface weight of 15 Kg/m². The homogeneous structure of the board, fully reinforced with fiber, makes the board very resistant to consistent knocks or impacts.

FIELDS OF APPLICATION

Fermasound® Base boards can be applied to all standard metal or wood dry construction systems. The board provides excellent soundproofing and thermal insulation and, thanks to the hydrophobe characteristics, it is suitable for moist environments such as bathrooms, kitchens, etc.

INSTALLATION

The installation of the boards is achieved using special self-tapping screws or with staples (for wooden substructures). The board junctions are achieved using a special sealant supplied on request.

Fermasound® Base is a board ready for various types of finishings without additional treatments: wallpaper and tiles can be applied directly to the board (consult our technical office for more information).

STANDARD DIMENSIONS

Width: 1200 mm

Length: 2000 mm

Thickness: 12,5 mm

SPECIAL GYPSUM FIBER BOARD THOUGHT TO COMBINE THE ADVANTAGE OF MASONRY WALL CONSTRUCTION TO THOSE TYPICAL OF DRY CONSTRUCTION

CE MARKED PRODUCT



TECHNICAL CHARACTERISTICS

- **Nominal density:** 1150±50 Kg/m³
- **Resistance factor to water vapour diffusion:** μ 13
- **Brinell hardness:** 30 N/mm²
- **Thermal conductivity:** λ 0,032 W/mK
- **Thermal expansion coefficient:** 0,001 % K
- **Humidity compensation at 20°C following a variation of 30% of the relative humidity** 0,25 mm/m
- **Humidity compensation at 20°C and relevant humidity of 65%** 1,3%
- **Value pH** 7-8
- **Reaction to fire:** A2-s1, d0