



→ ISOLGYPSUM FIBRE

Product comprising a sheet of coated gypsum (12.5 mm thick) joined to a panel of IsolFIBTEC PFT (technical fabric in fibre with a density increasing through its thickness, with high heat-insulation and soundproofing properties) with a thickness of 20 mm and 40 mm.

→ To be positioned with the fibre adhering to the existing wall.

isolgypsum

THICKNESS	Approx. 32,5 e 52,5 mm.
THERMAL RESISTANCE	IsolGypsum Fibre 32,5 mm $R_t = 0,62 \text{ m}^2\text{K/W}$; IsolGypsum Fibre 52,5 mm $R_t = 1,19 \text{ m}^2\text{K/W}$.
SOUNDPROOFING CAPACITY	$R_w = 54 \text{ dB}$ (32.5 mm version) Cladding of 12 cm Uni double cavity bricks with two plaster coats, carried out by adhesion fitting of a sheet of IsolGypsum FIBRE (improvement achieved equivalent to 8 dB). $R_w = 57 \text{ dB}$ (52.5 mm version) Cladding of 12 cm Uni double cavity bricks with two plaster coats, carried out by adhesion fitting of a sheet of IsolGypsum FIBRE (improvement achieved equivalent to 11 dB).
RESISTANCE TO THE DIFFUSION OF WATER VAPOUR	$S_d = \text{approx } 0,14 - 0,18 \text{ m}$ (for IsolGypsum Fibre 32.5 mm and IsolGypsum Fibre 52.5 mm, respectively).
FORMAT	1.2 m x 3.0 m = 3.6 m ² sheets (for IsolGypsum Fibre 32.5 and 52.5 mm). 1.2 m x 2.0 m = 2.4 m ² sheets (for IsolGypsum Fibre 32.5 mm)
PACKAGING	1.2 x 3 m sheets - Pallet of 25 sheets (equivalent to 90.0 m ²) for Isolgypsum Fibre 32.5 mm; - Half pallet of 13 sheets (equivalent to 46.8 m ²) for Isolgypsum Fibre 32.5 mm; - Pallet of 19 sheets (equivalent to 68.4 m ²) for Isolgypsum Fibre 52.5 mm; 1.2 x 2 m sheets - Pallet of 20 sheets (equivalent to 48.0 m ²) for Isolgypsum Fibre 32.5 mm.
OTHER VERSIONS	On request, IsolGypsum FIBRE 32.5 is also available in the WP version: with a sheet of damp-resistant plasterboard 12.5 mm thick, in size 1.2 m x 2 m = 2.4 m ² , in a pallet of 20 sheets (equivalent to 48 m ²).

→ Areas of use

IsolGypsum FIBRE is a product designed for acoustic renovation of dividing walls by adhesion cladding of the existing wall. The product is fitted using glue, leaving the fibre in contact with the wall. IsolGypsum FIBRE also helps considerably to improve the thermal resistance of the dividing wall. In the WP version with plasterboard (waterproof and damp resistant) it is specifically designed for use in rooms with a high level of humidity, such as bathrooms and kitchens.

→ Abstract

Insulating layer comprising a sheet of coated gypsum (12.5 mm thick) joined to a panel of technical fabric in fibre with a density increasing through its thickness (20 mm and 40 mm thick) (such as IsolGypsum Fibre). Thermal resistance of product equal to ... m²K/W (0.62 - 1.19 m²K/W for the IsolGypsum Fibre 32.5 mm and IsolGypsum Fibre 52.5 mm versions, respectively). Thickness ... mm (approximately 32.5 or 52.5 mm).

WARNING: This technical data sheet is not a valid specification and, if it consists of multiple pages, be sure to read the full document. This instruction are the best of our current experience but are indicative information. Assuming the liability resulting from the use of this product, it is up to the user to establish whether the product is suitable for the intended use.