

TECHNICAL DATA SHEET

Fire and Moisture Resistant Plasterboard Technogips Pro DFH2

Fire and Moisture Resistant Plasterboard Technogips Pro DFH2 consists of higher density gypsum core reinforced with glass fibres and water-repellent (hydrophobic) additives, enclosed between paper for superior fire and moisture protection.

Ideal, for use in internal application in areas with high humidity where high levels of fire protection are deemed essential.



Standard Classification:

In accordance with EN 520:2004+A1:2009, type: **A, H2, D** and **F**
 In accordance with EN 13501-1, reaction to fire: **A2-s1,d0 (B)**



Advantages:

- ✓ High density core for better sound insulation and strength Type D
- ✓ Enhanced fire resistance Type F
- ✓ Enhanced moisture resistance Type H2
- ✓ Creates a strong, stable and durable base ready for ceramic coatings in areas with high humidity
- ✓ Lightweight and comfortable to cut and mount
- ✓ Environmentally friendly due to use of recycled paper and zero-waste production
- ✓ Unlimited freedom for design applications

Application:

Fire and Moisture Resistant Plasterboard Technogips Pro DFH2 are a vital component in each of Technogips Pro high-performance systems for the implementation of lightweight partition walls, linings, wall claddings and ceilings. Technogips Pro system solutions are widely used in:

- ✓ Residential buildings;
- ✓ Hotels;
- ✓ Hospitals;
- ✓ Educational institutions;

Technical Data:

Board dimensions	
Thickness	12.5, 15 mm
Width	1200 mm
Length	2000 - 3000 mm
Edge	Tapered (AK)
Board weight – 12.5 mm	≥ 10 kg/m ²
Board weight – 15.0 mm	≥ 12 kg/m ²
Technical characteristics	
Flexural breaking load – 12.5 mm	
✓ longitudinal	> 550 N
✓ transversal	> 210 N
Flexural breaking load – 15.0 mm	
✓ longitudinal	> 650 N
✓ transversal	> 250 N
Thermal conductivity, λ	0,25 W/(m.K)
Water vapor resistance factor, μ	10
Total water absorption	5 - 10%

Edges:

The tapered edges (AK) allow easy filling of the joints with a suitable joint filler and paper joint tape, thus ensuring the flatness of the entire surface.



Recommendations:

- ✓ Do not fix boards with a gypsum-based adhesive FIX in wet areas.

Packaging and Storage:

- ✓ Store the pallets indoors to protect them from rain, sun and other adverse weather conditions.
- ✓ It is allowed to place a maximum 6 pallets one over the other for storage purposes.
- ✓ Product quality is guaranteed only when the product is stored and used correctly.

Board thickness	Boards / Pallet
12.5 mm	60 pcs
15.0 mm	50 pcs

Safety recommendations:

- ✓ Product not classified as hazardous.
- ✓ The use of safety gloves, mask and goggles is strongly advisable when working with this product, in prevention from physical harm and dust particle inhalation.

Additional Information:

Technogips Pro provides a wide range of construction products for various applications divided into the following product categories:

- ✓ Drywall System Solutions;
- ✓ Lightweight Facade Systems;
- ✓ Systems for fire protection and sound insulation;
- ✓ Gypsum-based plasters and finishes;

Technogips Pro also provides various technical information such as CAD details, detailed method statements, specification clauses, application manuals and technical support both in contractors and consultants offices as well as construction sites. For further information on these products and systems kindly check our website or contact your local Technogips Pro representative.

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