

TECHNICAL DATA SHEET

Fire Resistant Plasterboard Technogips Pro DF

Fire Resistant Plasterboard Technogips Pro DF consists of gypsum core reinforced with special additives and clay, enclosed between special paper for enhanced fire resistance.

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



Standard Classification:

In accordance with EN 520:2004+A1:2009, type: **A, D** and **F**



Advantages:

- ✓ Possess all the advantages and properties of the standard plasterboard
- ✓ Lightweight and comfortable to cut and mount
- ✓ Component of system solutions for fire protection Technogips Pro
- ✓ Component of system solutions for sound insulation Technogips Pro
- ✓ Sustains a healthy, moisture-controlled environment
- ✓ Available in a spectrum of sizes
- ✓ Environmentally friendly due to use of recycled paper and zero-waste production
- ✓ Unlimited freedom for design applications

Application:

Fire Resistant Plasterboard Technogips Pro DF are a vital component in each of our 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 mm	≥ 12,5 kg/m ²
Technical characteristics	
Flexural breaking load – 12,5 mm	
✓ longitudinal	> 550 N
✓ transversal	> 210 N
Flexural breaking load – 15 mm	
✓ longitudinal	> 650 N
✓ transversal	> 250 N
Reaction to fire	A2-s1,d0
Thermal conductivity, λ	0.25 W/(m.K)
Water vapor resistance factor, μ	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.

- ✓ Tapered edge depth: 0.6÷2.5 mm
- ✓ Tapered edge width: 40÷80 mm



Recommendations:

- ✓ Do not fix boards with a gypsum-based adhesive FIX in wet areas.
- ✓ Ensure the room environment to be of stable working conditions.

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 4 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 mm	50 pcs

Safety recommendations:

- ✓ Product not classified as hazardous.
- ✓ The use of safety gloves, mask and googles 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 Façade 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.