

TECHNICAL DATA SHEET

NEW Sound Comfort Extra DFIR

Improved Product:

- ✓ Additional Impact Resistance – Type I
- ✓ Additional Strength and Durability – Type R
- ✓ Available in **YELLOW** and **BLUE** paper color

Technogips Pro Sound Comfort Extra DFIR plasterboard, consists of higher density gypsum core reinforced with special additives and fibres, enclosed between paper for superior sound, fire protection, impact resistance and durability.

Technogips Pro Sound Comfort Extra DFIR provides effective airborne noise and impact noise insulation.



Standard Classification:

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



Advantages:

- ✓ Enhanced sound insulation performance
- ✓ High density core for better sound insulation and strength, type D
- ✓ Enhanced fire resistance, Type F
- ✓ Impact and scratch resistance - type I
- ✓ Exceptional strength and durability - type R

Application:

Technogips Pro Sound Comfort Extra DFIR plasterboards are a vital component in each of our high-performance systems for sound insulation 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 mm
Width	1200 mm
Length	2000 - 3000 mm
Edge	Tapered (AK)
Board weight – 12.5 mm	≥ 11.5 kg/m ²
Technical characteristics	
Flexural breaking load – 12.5 mm	
✓ longitudinal	> 725 N
✓ transversal	> 300 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.
- ✓ Do not use in rooms with high humidity!

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	40 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.