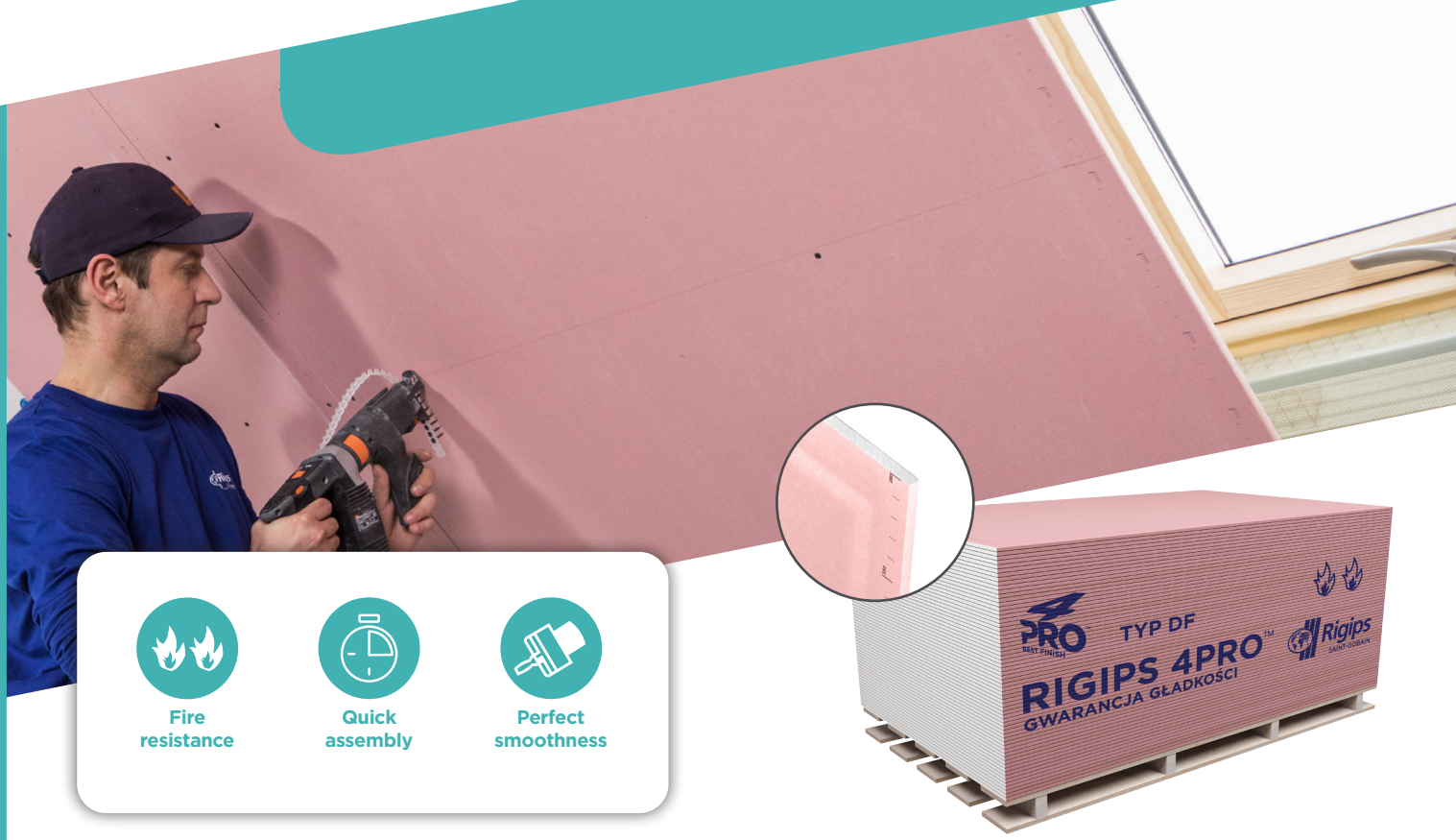
RIGIPS® 4PRO™ FIRE+



Fire resistance

Quick assembly

Perfect smoothness

Fire-resistant DF type plasterboard, thickness 12.5 mm, for attics, ceilings and walls with the top surface smoothness

Application

Plasterboard to be used in the construction industry for sheathing of attics, walls and ceilings in drywall systems and in prefabrication of various building elements.

For use in buildings with fire resistance requirements. Recommended for building structures with large, intensely lit surfaces with transverse edge joints.

The only one of this kind on the market, perfect for attic projects in single-family houses.

Advantages

Ensures safety – high fire resistance, DF type. It allows creating a perfectly smooth surface quickly and easily thanks to its four flattened edges.

- 4PRO panels enable all joints, including the transverse ones, to be made using the same technology. This assures:
  - maximum strength
  - the top smoothness of the finish,
  - time and material savings.
- Quick and precise assembly is possible thanks to the ruler printed along the edge of the panel.
- PRO shallow edge depth (1 mm only).
- Maximum strength of the connection between plasterboard panels thanks to the optimal placement of the joint tape (less risk of cracks).
- Single structural plastering of joints between plasterboard panels with the use of reinforcing tape, due to imperceptible shrinkage of the binding and drying compound (low thickness of the joint compound).
- Limited consumption of the compound needed to join plasterboard panels, which enables material purchase costs savings.
- Shorter time needed to obtain a ready joint due to faster drying of a thin compound layer.
- Freedom to install plasterboard panels with sheet metal screws (screws of up to 10 mm from the edge of the panel).
- Easy control of the planes created at the joint of two plasterboards.

RIGIPS® 4PRO™ FIRE

PRO edge (KS)	Thickness [mm]	Width [mm]	Length [mm]	Weight per unit [kg]
	12,5	1200	2000	10,1

Transport, storage

High-quality interior finishing with the use of plasterboard panels can be ensured by following the recommendations below:

- Transport plasterboards with the side edge placed vertically or transported by an appropriately adapted means of transport (forklift, truck, transport trolley).
- Store plasterboards on a dry, flat surface (on pallets or wooden supports spaced maximum at 35 cm). Such storage prevents damage (deformation or fracture).
- Plasterboards should be protected against moisture and weather conditions. Storage and installation should be carried out in closed rooms at a temperature of +5°C to +40°C and air humidity below 70%.

Important Information

Declaration of performance: 41_1117151_2021_RIGIPS_4PRO_Fire+_DF_12,5.
Products: RIGIPS® PRO and RIGIPS® 4PRO™ plasterboards.

PARAMETERS COMPLIANT WITH EN520:2004+A1:2009 STANDARD

Essential characteristics	Performance features
Shear strength (for stiffening of the wooden frame structure of external walls and wooden rafter framing)	NPD
Reaction to fire (for an exposed product)	A2-s1, d0
Water vapor permeability (for water vapor diffusion control) [μ]	10
Bending strength: • longitudinal direction • transverse direction	 550 N 210 N
* Impact resistance (in end use conditions)	NPD
* Airborne sound insulation (in end use conditions)	
* Sound absorption (in end use conditions)	
Thermal resistance (expressed as thermal conductivity)	0,25 W/(mK)

* These properties are system-dependent and are provided in the manufacturer's information at **www.rigips.pl** depending on the intended scope of application.

The quality of the RIGIPS system (i.e. joints, quality of the finish) is guaranteed by using the recommended and complete RIGIPS solutions (RIGIPS board, RIGIPS profiles, RIGIPS accessories, RIGIPS compounds). We cannot guarantee the functional and visual features of the solutions If system components are replaced with non-RIGIPS ones.

The data in this leaflet are solely the product description. These are general guidelines based on our knowledge and experience and do not refer to specific applications. Since we are constantly improving and expanding the range of products offered by our company, we reserve the right to change parameters without prior notice. The presented data may not constitute a basis for any claims. If necessary, please contact RIGIPS Technical Support Department.

RIGIPS 4PRO FIRE+ – fire-resistant gypsum plasterboard, DF type, thickness 12.5 mm for walls, ceilings, attics with the highest surface smoothness (June 2021)

SAINT-GOBAIN

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