

TECHNICAL SHEET

TECHNOGIPS fire resistant plasterboards type F

A description of product: Boards with increased stability at high temperatures, consisting of gypsum core and doubleside laminated with special cardboard. Plasterboards type F correspond with product standard EN 520.

Application: fire resistant gypsum plasterboard TECHNOGIPS type F is applied to building surfaces, suitable for painting, plastering finishes, installing wallpaper or wall in normal indoor humidity to achieve better fire protection.
In accordance with ONORM B 3415 - increased humidity, noncondensing.

TECHNOGIPS fire resistant plasterboard type F are part of building systems and kits for building partitions and shaft walls, ceiling linings and suspended ceilings, and fire resistant sheathing of steel elements.

Technical parameters:

- Class of reaction of fire – **A2 –s1,d0**
Classification in accordance with EN 520, Application B, Table B1
- Geometric data

Thickness /mm/	12,5
	15,0
Width /m/	1,20
Lenght /mm/	2,00
	2,50
	2,60
	3,00
Volume weight/kg/m ³ /	>800

- Edges – the edges of boards are covered with cardboard. They are rectangle with bevel in accordance with EN 520. They are shaped so that it is possible to fill and reinforce the joint between the plasterboards with gypsum compound. In this way an equal strenght connection of the individual boards is guaranteed in order to use the whole surface and to achieve high strength and deformation parameters.
- The bending strength is characterized by parameter - destructive load bending.

Nominal thickness of board /mm/	Destructive load bending N TECHNOGIPS boards type F	
	in the transverse direction	longitudinal
12,5	>210	>550
15,0	>250	>650

- Diffusion coefficient of water vapor resistance: 10
- Coefficient of thermal conductivity: 0,25 W/(m.K)

Parameters depending on the system are:

- Airborne sound insulation – R_w protocols for 9 variants of walls Technogips
- Fire resistance – E,I (min)
- Non-structural partition wall TGW/2F12,5/EI 120
- Non-structural partition wall TGW/F12,5/EI 90
- Suspended Ceiling TGC/2F15,0/EI 60

Information about technology parameters, and installation of systems with TECHNOGIPS boards contained in the TECHNOGIPS technical documentation of printed media and in Internet on www.technogips.bg

- Marking:

Boards are marked with a stamp on the back surface containing information on the type of plane size, production date, product standard, class of fire reaction, name of manufacturer

- Declaration of Conformity - Technogips issued a declaration of compliance under a system 4 for conformity assessment, which is available in the distribution chain or „Sales and Marketing” office.

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