

TECHNICAL DATA SHEET

IDENTIFICATION

The Gypsemna's TUFF gypsum plasterboard 12.5 mm – **TF TE 12.5** - is a factory produced 1.20 m wide gypsum board offering its high quality properties of impact resistance, non-combustibility, fire resistance and mechanical stability that makes it suitable for screw-fastening to drywall structures in steel as well as in wooden sections. It is encased in a very heavy natural-finish yellow coloured strong liner paper on the face side and on the back side.

The face paper is folded around the tapered long edges (on the face side only) to reinforce and protect the core and cross ends are square cut. The taper allows for concealing of joints by an appropriate joint treatment.



STANDARDS

TF TE 12.5 complies with **ASTM C 1396/C 1394M -Type X** and **EN 520 Type D,F,I and R**

SPECIFICATIONS

DIMENSIONS:

- LENGTH 2.4 M / 3 M (other lengths at request)
- WIDTH 1.2 M
- THICKNESS 12.5 mm

EDGE

Tapered (Other edges are also available)

WEIGHT

11.1 KG/M²

MINIMUM CORE DENSISTY

855 KG/M³

FLEXURAL BREAKING LOAD*

- LONGITUDINAL (N) >700 (Average of face up and face down)
- TRAVERSE (N) >300 (Average of face up and face down)

NAIL PULL RESISTANCE (N)*

>550 (As per Method B)

***Tested As per ASTM C 473 – 03A / Clause 11, 12 & 13**

FIRE SAFETY:

Surface burning in accordance with **ASTM E84** gives flame spread < **25**, no smoke. Class A.

HEALTH AND SAFETY:

There is no significant health hazard when using and fixing Gypsemna TUFF gypsum plasterboard. It is free from Asbestos & Strontium Sulphide.

PROPERTIES AND USAGE:

TUFF gypsum plasterboard is the ideal product for impact resistance and suitable for use in areas subject to crowd pressure and impact damage. The gypsum core offers no support for combustion and temperature is kept under control until entirely calcinated. It offers prolonged measurable fire-resistance of drywall systems. The addition of glass fibres and the special additives in the Gypsemna TUFF Board improves the cohesive properties and fire integrity properties providing greater fire resistance, as there is no volume loss. It gives better impact resistance (due to the very heavy duty paper) and acoustic resistance (due to the increase in the mass of the board), in comparison with the regular boards.

Part of Gypsemna drywall system: System performance warranty only by using all listed Gypsemna system components!