

TF – 12.5mm

Tuff

GYPSUM BOARD

09 29 00/GC



Description

The Gypsemna's **TUFF (TF - 12.5mm)** Type X Gypsum Board is an interior gypsum board consisting of a solid set, fire- resistive, Type X gypsum core enclosed in YELLOW-colored face paper and a strong liner back paper. It also has a specially formulated core to provide high impact, abuse, sound block and fire-resistance ratings board that can protect those high-traffic areas where interior damage is likely to occur. The face paper and the back paper are 100 percent recycled.



Basic Uses

The Gypsemna's TUFF (TF - 12.5mm) Type X Gypsum Board is used for interior walls and ceilings in all buildings categories applications requiring extended impact, sound block and fire ratings. Is it likely that heavy objects could strike or penetrate the wall, will hard objects potentially drag along the wall surface? This impact and abuse -resistant gypsum board is designed for use in areas prone to cavity penetration and in wall assemblies where surface abrasion is a concern, such as gymnasiums, correctional facilities, schools and hospitals.



Advantages

- Offers greater protection against impact that can lead to indentation, and helps to prevent damage that adds maintenance cost, severe duty board.
- Uniform high-strength cores eliminate crumbling.
- Fire ratings up to four hours.
- Provides high-rated Sound Class Transmission (STC) values per independent third-party acoustical laboratory using ASTM E90 test.
- Features fiberglass mesh embedded into its core, one of the toughest components.
- Excellent thermal barrier and sound attenuation qualities.
- Qualifies as a low-VOC.
- Green certified.



Technical Data

Physical Properties

Thickness, Nominal	12.5mm
Width, Nominal	1200mm
Length, Standard	2400mm, 3000mm
Weight, Nominal	10.70kg/m ²
Edges	TE, SE
Color	Yellow Color

Fire-Resistance Characteristics ASTM E84

Core Type	Type X
Combustibility	Non-combustible Core
Surface Burning Characteristics	Class A
Flame Spread	0
Smoke Development	10

Standards and References

- ASTM C1396 Product Standard Compliance
- ASTM C473 Standard Test Methods for Physical Testing of Gypsum Panel Products
- ASTM C840 Standard Specification for Application and Finishing of Gypsum Board
- ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials
- EN 520. Type D, F, I and R standard for performance of gypsum plasterboards

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