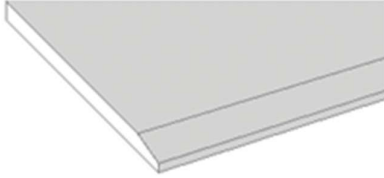




TECHNICAL DATASHEET

12.5mm RG - BOARD



DESCRIPTION

EL-KHAYYAT RG (Regular) Board is for use in dry interiors areas, is for use as a general drylining board.

The face paper is folded around the long edges to reinforce and protect the core, and the ends are square-cut and finished smooth. Long edges of the panels are tapered.

BASIC USES

Applications

- Use it on steel-framed construction for interior wall and ceiling applications.

Advantages

- Suitable for all interior applications, including walls and ceilings. Also use it as a tile backerboard in dry areas and in areas with moisture.
- Resists the growth of mold with a score of 10, the best possible score.
- Fire-resistant material up to four hours
- Easily scored and snapped to exact size without sawing.

Applicable Standards and References

ASTM C473 Standard Test Methods for Physical Testing of Gypsum Panel Products

ASTM C518 Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus

ASTM C1396 Standard Specification for Gypsum Board

ASTM C840 Standard Specification for Application and Finishing of Gypsum Board

ASTM E84 Standard Test Method for Surface Burning

EN 520 Type A standard for performance of gypsum plasterboards

PHYSICAL PROPERTIES

Thickness

12.5mm

Sizes

1200mm x 2400mm

1200mm x 3000mm

Edge:

Tapered, Squared

Board weight:

12.5 mm X 2400 mm x1200 mm (23 kg)

Flexural Strength to BS EN 15283-1:

Longitudinal breaking $\geq 550N$

Transverse breaking load $\geq 210N$

Humidified Deflection 3mm

Nail Pull Resistance (N) 361

Hardness Core (N) 189

Hardness Edges (N) 203

Hardness Ends (N) 196

Mass:

12.5 mm board (8 kg/m²)

Thermal Resistance, R:

12.5 mm = 0.066 m²K/W

Fire-Resistance Characteristic:

Core Type	Type C
Combustibility ²	Non-combustible Core
Surface Burning Characteristics	Class A
Flame Spread ³	15
Smoke Development ³	0