



USGKnauf HEATBLOC® Gypsum Plasterboards

HEATBLOC® Gypsum Plasterboards are suited for enhanced thermal resistance in wall linings & false ceiling applications. It has got a metalized polyester film at the back side giving the characteristic of 85% solar reflectance.



12.5 mm Thick HEATBLOC® Gypsum Plasterboard Specifications:

Description	Specification	Result	Unit
Flexural Strength (Longitudinal Direction)	550 Min.	>550	N
Flexural Strength (Transverse Direction)	210 Min.	>210	N
Length	1830 (+/- 6)	1829	mm
Width	1220 (+/- 5)	1219	mm
Thickness	12.5 (+/- 0.5)	12.5	mm
Average Density		560	Kg/cum.

* For actual results, batch MTC shall be referred.

9.5 mm Thick HEATBLOC® Gypsum Plasterboard Specifications:

Description	Specification	Result	Unit
Flexural Strength (Longitudinal Direction)	400 Min.	>400	N
Flexural Strength (Transverse Direction)	160 Min.	>160	N
Length	1830 (+/- 6)	1829	mm
Width	1220 (+/- 5)	1219	mm
Thickness	9.5 (+/- 0.5)	9.5	mm
Average Density		560	Kg/cum.

* For actual results, batch MTC shall be referred.

Applicable Standards:

BS EN 520:2004

Edges:

Tapered & Square

Application and Installation:

USGKnauf HEATBLOC® is a Gypsum Plasterboard which has solar reflectance of 85% when tested in a laboratory condition. USGKnauf HEATBLOC® Gypsum Plasterboards are suitable for various applications like false ceilings, drywalls & wall linings on exterior wall from inside in residential & commercial buildings. These boards are quick to install & finally help to achieve seamless finishing. Ideally suited for lining & false ceiling applications on the top floor which is exposed.

General:

It is essential to have health and safety legislation when working on site i.e. please adhere to the safety guidelines (personal protective clothing and equipment, etc) in practice, consideration must be given to design criteria for specific project solutions.

Handling:

Manual loading and unloading of Gypsum Plasterboard should be carried out with care to avoid strain.

Cutting:

Use of Gypsum Plasterboard saw is recommended to cut or score with a sharp knife and snapping the board over a straight edge. Openings like switch boxes or socket points should be cut out before the boards are fixed using a sharp knife. Power and hand tools to cut the gypsum plasterboard at job site should be used with care and in accordance with the manufacturers' recommendations.

Fixing:

It is recommended to use appropriate length of drywall screws and take care to install fixings not closer than 13 mm from cut edges and 10 mm from round edges. Position the boards to the center line of the metal framing. Staggered horizontal and vertical board joints are recommended as a part of good practices.

Jointing:

All Purpose Joint Compound is preferred to be used for jointing and finishing of Gypsum Plasterboard joints. However, USGKnauf has range of jointing products like setting and air-drying compounds which can also be applied depending upon the climatic condition and nature of the project.

Advisory:

USGKnauf HEATBLOC® Gypsum Plasterboard is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness. All drywall work shall be carried out with trained work force using the complete system from USGKnauf.

Knauf India Private Limited

Head Office: 9th Floor, Plaza Tower, DLF Phase -1, Gurugram - 122002, Haryana, India

Customer Care No: +91 - 9015147147

Email: info.india@knauf.com

Manufactured by

Knauf India Private Limited

815, EMC, 1st Avenue, Sri City, Andhra Pradesh 517646 (India)

SP 73 to 75 and 76 Part Khushkhera RIICO Industrial Area Khushkhera Alwar Rajasthan 301707