



USGKnauf MOISTBLOC® Gypsum Plasterboards

MOISTBLOC® Gypsum Plasterboards are made of specially treated gypsum core with special additives to repel moisture which is enclosed & bonded in green colour paper liners. MOISTBLOC® is a moisture resistance Gypsum Plasterboard suitable for use in internal wet areas for false ceilings, drywalls & wall linings.

These Gypsum Plasterboards have specially treated core which provide less than 5% water absorption when tested as per BS standards.



12.5 mm Thick MOISTBLOC® Gypsum Plasterboard Specifications:

Description	Specification	Result	Unit
Flexural Strength (Longitudinal Direction)	550 Min.	>550	N
Flexural Strength (Transverse Direction)	210 Min.	>210	N
Length	2440/ 1830 (+/- 6)	2439/1829	mm
Width	1220 (+/-5)	1219	mm
Thickness	12.5 (+/- 0.5)	12.5	mm
Water Absorption	<5	<5	%
Average Density		560	Kg/cum.

* For actual results, batch MTC shall be referred.

#MoistBloc 12.5 mm is only manufactured at KKR & SCY

15 mm Thick MOISTBLOC® Gypsum Plasterboard Specifications:

Description	Specification	Result	Unit
Flexural Strength (Longitudinal Direction)	650 Min.	>650	N
Flexural Strength (Transverse Direction)	250 Min.	>250	N
Length	2440/ 1830 (+/- 6)	2439/1829	mm
Width	1220 (+/-5)	1219	mm
Thickness	15 (+/- 0.5)	15	mm
Water Absorption	<5	<5	%
Average Density		600	Kg/cum.

* For actual results, batch MTC shall be referred.

#MoistBloc 15 mm is only manufactured at KKR

9.5 mm Thick MOISTBLOC® Gypsum Plasterboard Specifications:

Description	Specification	Result	Unit
Flexural Strength (Longitudinal Direction)	400 Min.	>400	N
Flexural Strength (Transverse Direction)	160 Min.	>160	N
Length	2440/ 1830 (+/- 6)	2439/1829	mm
Width	1220 (+/-5)	1219	mm
Thickness	9.5 (+/- 0.5)	9.5	mm
Water Absorption	<5	<5	%
Average Density		500	Kg/cum.

* For actual results, batch MTC shall be referred.

#MoistBloc 9.5 mm is only manufactured at SCY

Applicable Standards:

BS EN 520:2004

Edges:

Tapered & Square

Application and Installation:

Moisture-Resistant Gypsum Plasterboard are an excellent material for interior walls/false ceilings construction wherever increased protection against the absorption and infiltration of moisture are desired as compared to traditional drywalls & ceilings. This includes areas with periodic humidity (but not continuous high humidity), moisture, vapor within the space. Some examples are:

- Bathrooms
- Kitchens
- Laundry Rooms

Tested as per USGKnauf Internal Test Method /BS 1230 part 1:1985 for performance under humid conditions. All kind of interior wet areas including bathrooms, pantry, kitchen area etc.

- Hotels
- Hospitals
- Malls and shopping complexes
- Education institutes and offices

General:

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

Handling:

Manual loading and unloading of gypsum plasterboard should be carried out with care to avoid unnecessary 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 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.

Joining:

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 MOISTBLOC® 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.

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