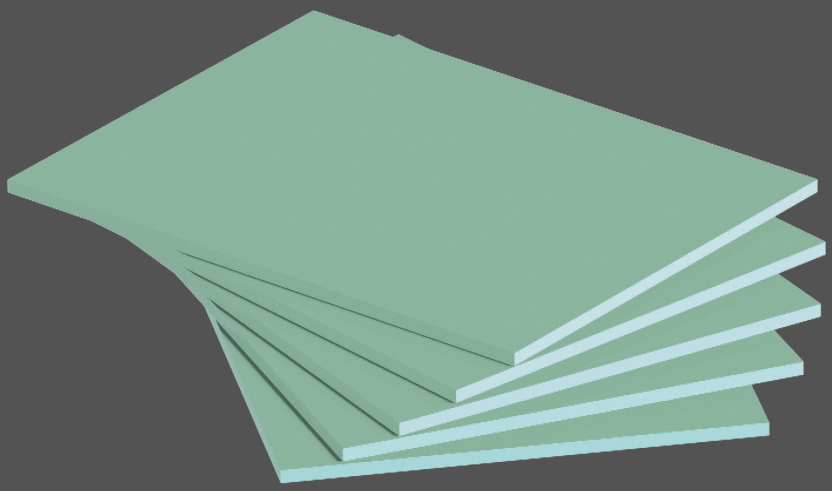
BATEC

GESSO®



DESCRIPTION

Gesso is a regular plasterboard ideal for general drywall and ceiling applications. It is a flexible gypsum board as it can accommodate any indoor architectural design.

It is composed of gypsum, extracted straight from our quarries, and processed using the best ecological practices.

All materials comply with ASTM 1396 and EN 520 standards and have been tested in accredited laboratories to ensure quality and performance.

APPLICATIONS

- Drywall partitions
- Suspended ceilling systems
- Wall lining
- Commercial or residential buildings
- Prefabricated constructions
- Malls, lounges, shops

FEATURES

- Non-combustible
- Easy to decorate and remodel
- Easy to work with
- Energy efficient
- Free VOC
- Recyclable
- Lightweight

Durable | Eco-friendly | No cracking | Lightweight

PROPERTIES

SURFACE FINISHING	EDGE TYPES	STANDARDS	DIMENSIONS
Painted (water or oil base paint) Cladding (wallpaper, vinyl, wood…) Joint filling with Gcoat™ All Purpose Joint Compound	Squared edge Tapered edge	ASTM C1396 EN520 ASTM C473 ASTM C518	Width 1200mm,1220mm Length 2000mm, 2400mm, 2440mm, 2500mm, 3000mm Thicknesses 9.5mm 12.5mm, 15mm, 15.9mm, 18mm *Varying dimensions available upon request

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PHYSICAL SPECIFICATIONS

SPECIFICATIONS	UNIT	VALUE	STANDARD
Thickness	mm	12 ± 2	EN520
Density	Kg/m^3	635	EN520
Weight per unit area	Kg/m^2	7.6	EN520
Tolerance of length	mm	0 - 4	EN520
Tolerance of width	mm	0 - 3	EN520
Tolerance thickness	mm	⩽ 1	EN520
Depth of taper	mm	1.0 - 1.7	EN520
Width of taper	mm	40 - 50	EN520
Squareness of edges	mm	⩽ 2.0	EN520
Flexural braking load long edge	N	> 530	EN520
Flexural braking load short edge	N	> 200	EN520
Nail pull strength	N	> 340	EN520
Humidified deflection	mm	< 1.7	EN520
Thermal conductivity	w/m.k	0.016	EN 12667
Volatile strontium sulfide (SrS) content	-	< 0.1 - Pass	
Orthorhombic cyclooctasulfur (S8)	-	< 0.1 - Pass	

RECOMMENDATION

- Cutting and scoring are completed from the front face of the board.
- Use phosphate plated self-tapping screws with a metal frame <0.7mm for board fixing.
- Use phosphate plated self-drilling for a metal frame >0.7mm for board fixing.
- Vertical screw spacing for the first layer of gypsum is 25cm, 50cm for the second, and 75cm for the third.
- It is recommended to use Gcoat™ All Purpose Joint Compound to treat joints or for skim coating.

STORAGE AND HANDLING

- Avoid contact with moisture or temperatures higher than 50°C for prolonged periods of time.
- Store in a dry/ventilated area above ground level (not in direct contact with the ground).
- Cover the boards with plastic sheets.
- Avoid direct rain or sunlight.
- Avoid cracking or damaging the boards during installation.

The information herein and recommendations set forth are presented in good faith and believed to be correct as of the date hereof, ECOBAT For Industrial Development, and its affiliated, and sister companies do not make representations or warranties as to the completeness or accuracy thereof.

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Manufactured according to ASTM & EN standards by BATEC-Batiment Technique under BEAM Consolidated.