

PRODUCT Densglass**General Description**

DensGlass® Sheathing is a high performance sheathing board that consists of a fibreglass mat with a gypsum core, designed to provide a high degree of protection from the elements in external cladding constructions.

Manufactured in the USA DensGlass® Sheathing is the America's number 1 architecturally specified fibreglass mat gypsum sheathing1.

General Applications**Sheathing board to:**

- Rainscreen cladding.
- Masonry facades.
- Fibre Cement sidings.
- Timber cladding.
- External Wall Insulation Systems.

Product Appearance

The unique gold fibre mat to DensGlass® Sheathing provides easy differentiation for this sheathing board with a track record of over thirty years, with its ability to resist moisture and UV light.

Composition

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General Technical Properties

	Unit	Value	Applicable Standard
Nominal Density (Oven Dry)	kg/m ³	750	EN 15283-1:2008 + A1:2009
Thermal Conductivity λ	W/mk	NPD	
Moisture Content	%	TBA	
Vapour Resistance	MNs/g	0.39	BS EN ISO 12572:2016
Vapour Resistivity	MNs/gm	30	BS EN ISO 12572:2017
μ	n/a	6	BS EN ISO 12572:2018

Surface Condition

Front -	Fleeced - Matt
Back -	Fleeced - Matt

Dimensional Conformity

Nominal Thickness	mm	12.7
Nominal Length	mm	2400
Nominal Width	mm	1200
Weight per m ²	Kg	9.3

Durability

Moisture Resistance	Class	GM-H2	EN 15283-1:2008 + A1:2009
Biological/Mould Resistance	Level	10	ASTM D3273
Exposure	months	12	
Heat-Rain performance	n/a		
Warm water performance	n/a		
Freeze-thaw performance	n/a		
Soak-dry performance	n/a		

Reaction to Fire

Combustibility	Class	A1	BS EN 13501-1:2018+A1:2009
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Fire Resistance

Unloaded	Integrity	contact RCM Technical Support	BS EN 1364-1:2015
	Insulation	contact RCM Technical Support	
Loaded	Integrity	contact RCM Technical Support	BS EN 1365-1:2012
	Insulation	contact RCM Technical Support	
Classification		GM-F	EN 15283-1:2008 + A1:2009

Certification & Warranty

CE marked	Yes	
Certification	Pending	BBA
Warranty	12 years	

Limitations of Use

Installation	When used in slanted walls DensGlass® Sheathing requires to be temporarily protected from water ingress.
Water protection	Use adhesive applied EDPM's only.
Fixings	Consider any fixings into DensGlass® Sheathing is required to be taken back to the structural framing. Use suitable furring's when fixing to a masonry background.
Applications	DensGlass® Sheathing is not intended for roofing applications. DensGlass® Sheathing is not intended for interior or exterior tiling applications. DensGlass® Sheathing is not intended for use below DPC.

Health & Safety

see separate msds vaialable at www.buildingboards.co.uk

Handling & Storage

Handling	Consider a two man lift to avoid strain. When cutting the wearing of goggles, mask, gloves and safety glasses are essential.
Cutting	DensGlass® Sheathing may be cut using the score and snap method, no power tools are required.
Screws	Fixings at the required centers - RCM Gypsum Screws self-drilling screws with 1000-hour salt spray 0.7 – 3.0mm SFS. (see fixing guide for further details) Screws to be installed flush to the board surface.
Joints	Lightly butt joints finished with RCM Fire Sealant or RCM Tape, dependent on fire and or air leakage requirements.

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