

# GLASS WALL RAINSCREEN



## DESCRIPTION

Glass Wall Rainscreen is made from specially processed Chromatics safety glass stock sheets. Chromatics safety glass is a laminate of annealed float glass, colour layer or print layer and aluminium, molecularly bonded to create a unique composite which is durable, elegant, cuttable and safe. Glass Wall Rainscreen panels are treated and processed specifically to perform in the extreme environment of ventilated cladding systems.

## USES

Suitable for external or internal use. Ideal for cladding new or refurbished buildings, replicating other cladding materials or continuing a design theme both inside and out.



## CHARACTERISTICS

- Shatterproof
- If broken, remains safe, intact, in place and weatherproof
- Not susceptible to catastrophic nickel sulphide breaks
- Any RAL Design or RAL Classic colour - consistent, replicable and UV stable
- Digital images can be reproduced to full panel size or tiled over any number of panels
- Flawless, highly reflective, optically flat and opaque finish
- Lightweight yet durable
- Cuttable
- Can be structurally bonded with absolutely no show-through
- Easy to maintain
- Independently tested
- Made from renewable resources
- 100% recyclable organic pigments
- No heavy metals or toxic elements
- Any orientation
- No toughening or heat soaking necessary

## TECHNICAL DATA

Thickness	6mm
Weight	15.32kg/m <sup>2</sup>
Maximum panel size	3900 x 2500mm
Wind resistance	Serviceability: >Pass at 2400Pa Safety: Pass at 3600Pa
Weather resistance	>BS EN 12453, >BS 3900
Impact resistance	BS EN 12600 (safety glass)
Thermal insulation	U=4.11W/ m <sup>2</sup> K
Laminate integrity	Far exceeds BS EN 1542
Life expectancy	25 years
Fire rating	N/A - non-combustible
Thermal safety	To architectural requirements
Light transmittance	Zero
Bonding approvals	Silicone, polyurethane, polysulphide
Vapour/solvent barrier	Aluminium

## GLASS STOCK

Most forms of glass feedstock can be used, including:

- clear float
- low iron
- body tinted
- many reflective glass substrates
- some rolled patterned glass
- self-cleaning

## DETAILING

Glass Wall Rainscreen panels are manufactured to size and specification.

## FIXING & HANDLING

Structural adhesive

- Approved for use with SikaTack Panel Adhesive and Dow Corning Structural Glazing Sealant to achieve invisible exterior grade fixing
- Strength and integrity of panel retained as hole drilling not required
- No point loads.

## INTERIORS

A modified system, which follows the principles of the exterior systems, may be used to fit interior cladding panels, allowing design consistency throughout a building.

## ENVIRONMENTALLY FRIENDLY

Chromatics is made entirely from recyclable and renewable resources, using a low energy process which creates no harmful by-products. The final product, when removed from a building, can be disposed of without creating pollution.

## ARCHITECTURAL SPECIFICATION

For architectural specifications, see our website.

For more details about any of the above, including test results and information on handling, storage, installation and maintenance, please visit our website.

# THE GLASS WALL COMPANY

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