



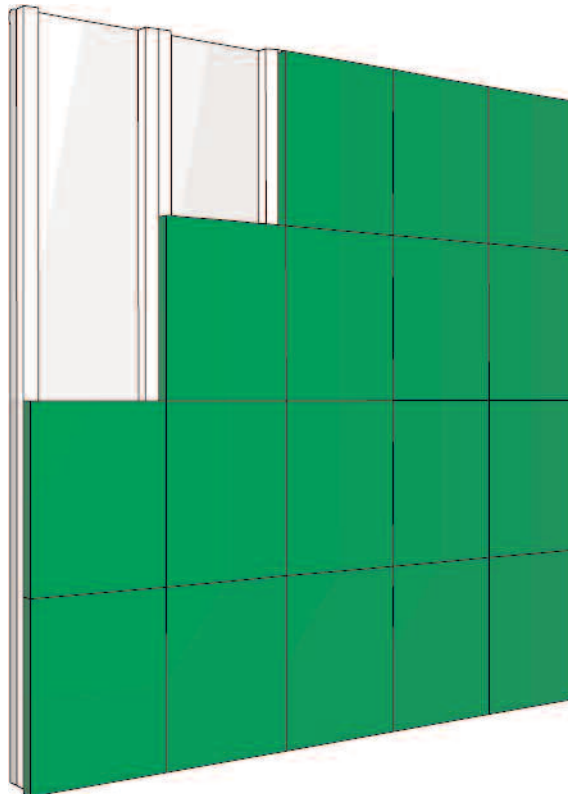
CHROMATICS RAINSCREEN PANELS

DESCRIPTION

Chromatics Rainscreen is a safety glass laminated cladding panel. The aluminium, colour interlayer and glass components are chemically bonded at a molecular level by an organic patented process to create a unique composite which is durable, elegant, cuttable and safe.

USES

A safety glass cladding panel 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 and safe
- If broken remains safely in place
- Any RAL colour - consistent, reproducible and UV stable. Maximum tolerance ± 0.5 Delta E (CIELAB system)
- Print - digital images can be reproduced to full panel size, or tiled over any number of panels
- Flawless finish - highly reflective, optically flat and totally opaque
- Lightweight
- Durable
- Cuttable
- Stockable
- Bondable
- Easy to maintain
- Independently tested
- Made entirely from renewable resources
- 100% recyclable organic pigments
- No heavy metals or toxic elements
- Any orientation.

TECHNICAL DATA

Thickness	6.5mm
Weight	15kg/m ²
Maximum panel size	3000 x 1200mm*
Wind resistance	Serviceability: >Pass at 2400Pa Safety: Pass at 3600Pa
Weather resistance	>BS EN 12453, >BS 3900
Thermal safety	To architectural requirements
Impact resistance	BS EN 12600 (safety glass)
Adhesion	>BS EN 1542
Life expectancy	50 years
Fire rating	N/A - non-combustible
Light transmittance	Zero
Bonding approvals	Silicone, polyurethane, polysulphide
Vapour barrier	Aluminium

*4000 x 2600mm panels will be available in 2010

GLASS STOCK

Most forms of glass feedstock can be used, including:

- clear float
- low iron (eg Optiwhite)
- body tinted
- many reflective glass substrates
- some rolled patterned glass
- self-cleaning glass (eg Activ).

DETAILING

Can be cut using various methods:

- Auto XY
- Semi-auto X
- Manual
- Water-jet
- Diamond saw.

The Glass Wall Company will cut Chromatics Rainscreen panels to order.

FIXING

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.

Hooked fixing system

- Access behind panels can be achieved using a modified invisible hooked fixing system.

INTERIORS

A modified system, which follows the principles of the exterior systems, may be used to fit interior cladding panels.

NBS SPECIFICATION

Supplied on request.

ARCHITECTURAL SPECIFICATION

Chromatics Rainscreen is a laminate of 6mm Chromatics safety glass, organic colour layer and aluminium permanently laminated into a shatterproof and weather-resistant panel, free from heavy metal and volatile organic content, in RAL (insert ref) applied to the 2nd surface of the glass, the final surface being aluminium. The opaque, coloured coating will be free from pin-holes, will be fully reproducible, will not fade or discolour, will be resistant to scratching, will remain stable under extremes of temperature and will be resistant to UV degradation. Chromatics Rainscreen complies with BS EN 12600 3(B)3. Chromatics complying with BS EN 12600 2(B)2 and 1(B)1 is available to special order.

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

THE GLASS WALL COMPANY

SUPPLIERS OF SAFETY GLASS CLADDING

The Glass Wall Company hereby disclaims all liability howsoever arising from any error in or omission from this publication and all consequences of relying on it.

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