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| Uniclass L513:P314 | EPIC E239:X342 |
| CI/SfB (41) | Ro3 |



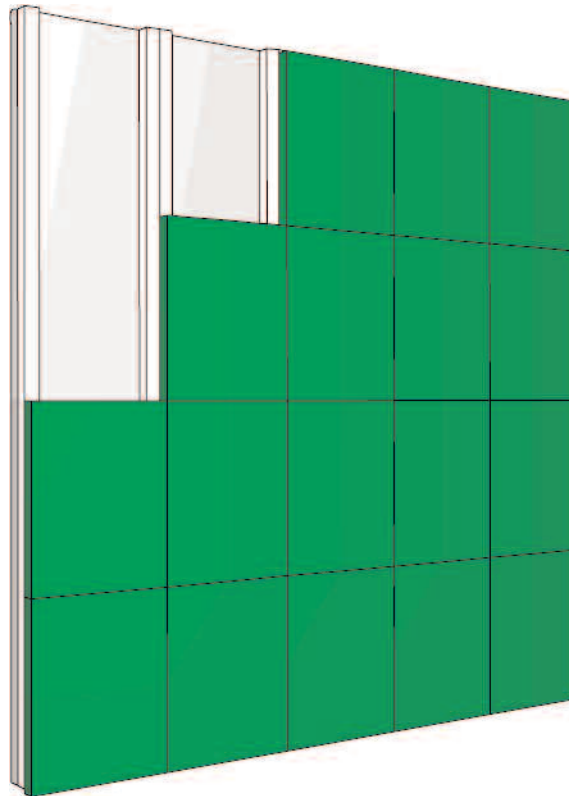
CHROMATICS RAINSCREEN PANELS

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
- Any RAL colour - consistent, reproducible and UV stable
- 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
- body tinted
- many reflective glass substrates
- some rolled patterned glass
- self-cleaning glass.

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

- Can be fixed with structural adhesives to achieve an exterior grade invisible fixing system using Eurofox MTK Sika system.
- Access behind panels can be achieved by using Eurofox MLP, a modified invisible hooked fixing system where clips are factory bonded to the panel then clipped in place on the façade.
- Exact cutting tolerances allow panels to be mounted with a minimal gap.
- Approved for use with SikaTack Panel Adhesive 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.



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