



ENVIRONMENTAL SUSTAINABILITY

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.

PRODUCTION

- 200°C temperature
- Produced using approximately 17.15 kwh/m² of power
- No solvents or heavy metals present
- No by-products produced during the coating process
- No special disposal methods needed from the production line.

RAW MATERIALS

Annealed glass

- Accounts for approximately 97.7% by weight of the finished product
- Made by the Float process using sustainable raw materials such as sand
- Recyclable

Coating material

- Accounts for approximately 0.9% by weight of the finished product
- 100% solvent free system
- Organic pigments used in all coatings
- No volatile organic compounds produced
- Entirely free from heavy metals (eg lead and cadmium) and other toxic elements
- No hazard labelling required under COSHH regulations.

Foil

- Accounts for approximately 1.4% by weight of the finished product
- Extracted from natural sources
- Recyclable.

BENEFITS

- Dramatically reduces the carbon footprint of a typical project
- Shatterproof, remaining safe and intact until replaced, conserving energy
- Being half the thickness and weight of laminated glass, requires less structural support and building materials
- Low temperature production uses less power.

THE GLASS WALL COMPANY
LIGHTWEIGHT SHATTERPROOF SAFETY GLASS

T[SALES] 0844 800 9260

E SALES@THEGLASSWALLCOMPANY.COM

WWW.THEGLASSWALLCOMPANY.COM

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