



UNIFORM, VIVID INTEGRAL ENAMEL COLOUR

i-Enamel is a thermally toughened glass which has had a colour baked into the rear face of the glass. The enamelling process ensures the colour is always uniform and vivid. I-Enamel is extremely hard wearing and durable, which allows it to be used both in internal and external applications.

Once the glass has passed through the full manufacturing and curing process, i-Enamel becomes fully opaque, so you cannot see any adhesive or substrate when bonded. This process adds strength to the glass and is also highly resistant to impacts and scratches. i-Enamel is also moisture resistant, therefore ideal for use in wet areas like swimming pools, health spas, changing rooms, public restrooms, domestic bathrooms and kitchens.

By using our unique i-Glass Technology we ensure that i-Enamel complies to BS EN 12150* - the highest grade of 1B1 Safety Standard. It is also tested to BS EN 12600 (impact tested) and BS EN 13501-1 A1 rated (fire resistance tested).

In addition, i-Enamel is also guaranteed not to suffer peeling or crackles under normal condition of use for up to 10 years.

KEY APPLICATIONS

i-Enamel can be used both internally and externally:

- **Leisure Centres, Health Spas, Swimming Pools**
- **Retail Outlets, Shopping Centres**
- **Airports, Railway Stations, Public Concourse Areas**
- **Restaurants, Fast Food Shops**
- **Kitchens, Bathrooms, Wet Rooms**

PRODUCT SPECIFICATIONS

- Mechanical properties are unchanged by temperatures up to 300°C and unaffected by temperatures up to 200°C
- Conforms to EN12150 standard and 1B.1 safety standard
- Water resistant
- Withstands thermal shocks, making it ideal for a large choice of applications
- Resistance to UV
- Manufactured and processed in-house at the Mega Glass factory providing flexibility and fast turnaround
- Complies to BS EN 12150* - the highest grade of 1B.1 Safety Standard for thermally toughened glass.
- Impact tested to BS EN 12600* standards
- EN 13501-1 A1* resistance to fire
- Resistance against sudden temperature changes
- Maximum panel size up to 3000 x 1800 mm

i-Enamel is easy to install. It can be installed with all standard low modular adhesives and construction silicons.

I-Enamel has been fully tested for bonding (standard adhesion test CQP 003-1); the report summary states 'Excellent adhesion was achieved to coated glass panels with construction adhesive'.*

*Copies of the test report available on request



COLOUR OPTIONS

| | | | |
|---|-------------------------------|--|------------------------------|
|  | COTTON WHITE 011-02 |  | SHELL WHITE 012-02 |
|  | STORM GREY 010-01 |  | AQUA TEAL 007-01 |
|  | MINK BROWN 003-01 |  | SLATE GREY 013-01 |
|  | JET BLACK 002-01 |  | MINT GREEN 009-02 |

WORK WITH US

Our work speaks for itself and showcases the diversity and capabilities that Mega Glass can bring to your project. Should you wish to speak to a member of the Mega Glass team about any of our shower and bathroom range, please call us on 01582 809498.



Mega Glass Limited

Head Office and Factory - Unit 3, Foster Avenue, Woodside Park, Dunstable, LU5 5TA

London Office - Suite 328, The Business Design Centre, 52 Upper Street, London, N1 0QH

t: 01582 809498 | e: info@megaglass.co.uk | w: www.megaglass.co.uk

Mega Glass Limited Co Reg No: 08269861 Vat No: 152270732

