



COMPLIANT ANNEALED SAFETY GLASS SOLUTIONS

i-Clad Safety Glass was developed in-house to offer the industry a safe, certified and cost effective alternative to thermally toughened cladded glass. With a combined 80 years plus experience in developing products to the glass market, i-Clad has been revolutionary in providing added benefit and value engineered options to a range of glass products popular with architects, contractors and retail clients alike without compromise

Exclusive to Mega Glass, our i-Clad Safety Glass meets a IBI classification within BSEN12600, achieving the highest possible result under the pendulum impact test ensuring complete peace of mind to cladded applications. Our i-Clad Safety Glass offers a huge range of options, from painted finishes to digitally printed to special effects; it also provides our many mirrored finishes with the robust safety conformity that the mirrored market has traditionally lacked.

Class 1 = 1200mm Pendulum Drop Height
 Class 2 = 450mm Pendulum Drop Height
 Class 3 = 190mm Pendulum Drop Height

A = Large breaks; dangerous sharp edges
 B = Large breaks; glass held together safely
 C = Disintegration into small particles

In the unfortunate event of damage, our i-Clad Safety Glass safely remains held together until such time that the glass can be conveniently replaced.

Key applications include Airports, Stations, Museums, Offices, Hotels, Schools, T-Points, Leisure Centres & Gyms, Commercial Washrooms, Domestic Kitchens and Bathrooms.

Mega Glass Limited

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

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



MEGA GLASS

i-Clad

MEGA STANDARD COLOUR FINISHES

(Available in gloss or matt finish – For illustrative purposes only)

White Soft	White Pure	Black Classic	Mint
Dark Grey	Claret	Anthracite	Wine
Earth	Taupe	Grey	



MORE COLOUR OPTIONS

With complete in house mixing capabilities alongside our in house spectrometer, we have the technology and ability to match most colours available throughout multiple colour libraries including RAL / NCS / Dulux. Some Pantone colours available at additional cost.

MEGA TREND COLOUR FINISHES

(Available in gloss or matt finish – For illustrative purposes only)

Delicate White	Warming White	Subtle White	Tranquil Grey
Calming Brown	Romantic Blue	Deep Purple	Luxurious Blue
Jewel Green	Elegant Green	Organic Green	Contemporary Green
Bright Orange	Adventurous Red	Inviting Pink	Welcoming Brown

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





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MEGA MIRRORED, ANTIQUE & SFX FINISHES

(For illustrative purposes only)

Silver Mirror	Low Iron Mirror	Grey Mirror	Bronze Mirror	Gold Mirror
Rose Gold Mirror	Green Mirror	Low Iron Satin Mirror	Grey Satin Mirror	Bronze Satin Mirror

Silver Antique	Bronze Antique	Grey Antique	Valencia Antique	Griseo Antique
Nimbus Grey Antique	Nimbus Gold Antique	Nubis Antique	Solis Gold Antique	Bianco Nero Antique

Cobweb + Colour	Cobweb + Mirror

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PRODUCT SPECIFICATION

- 6mm safety glass ranges;
 - Painted
 - Mirrored
 - Digitally Printed
- Available in Gloss, Satin & Textured variants
- Fast turnaround
- Cost effective
- Tested to a 1B1 safety standard (in line with impact resistancy of toughened glass) when bonded to 15mm MDF or 12mm Plasterboard
- Retains integrity should a breakage occur
- Workable on site
- No show-through with adhesive

i-Clad Safety Glass has attained safety certifications within BSEN 12600 (Impact Test) and BSEN 1288 (Strength Test). See below extracts from the Wintech testing centre's report:

- *"The results show that i-Clad Safety Glass samples tested are comparable in terms of bending strength to 6mm toughened glass when the surface of the glass is in both tension and compression"*
- *"The i-Clad Safety Glass samples were able to accommodate a significant amount of deflection under load of a magnitude similar to 4mm toughened glass. This characteristic should make the glass more durable in service with a much lower chance of failure than standard 6mm toughened glass"*

WORK WITH US –

Our work speaks for itself and showcases the diversity and capabilities that we can bring and deliver to your project. Should you wish to speak to a member of the friendly team about a forthcoming project, please call Andrew (Supply Only) or Adam (Measure & Install) directly on 01582 809498.



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