

Press Release
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Express Toughening explores the durability and safety of toughened glass

Express Toughening, a leader in bespoke glass solutions, is proud to present an in-depth guide on the durability of toughened glass. Renowned for its superior strength and safety features, toughened glass is a staple in architectural and functional applications, ranging from balustrades and shower screens to partitions and cabinets.

What is Toughened Glass?

Toughened glass, also known as tempered glass, undergoes thermal or chemical treatments to enhance its strength significantly compared to normal glass. This process fortifies the glass and ensures safer breakage patterns. Our guide explores the manufacturing process and how it differs from regular glass.

Manufacturing Process

The creation of toughened glass involves extreme heating followed by rapid cooling. This process creates stress patterns that make the glass much stronger and safer, breaking into small, blunt pieces instead of sharp shards.

Key Differences and Safety Features

Toughened glass is up to five times stronger than regular glass and can withstand higher temperatures and sudden changes in temperature. It breaks into small, blunt pieces, minimizing injury risk, making it ideal for high-stress and high-traffic areas.

Longevity and Maintenance

Toughened glass boasts impressive longevity, maintaining its integrity and appearance for many years under normal conditions. Proper maintenance, including regular cleaning and periodic inspections, ensures the glass remains in prime condition.



Order Bespoke Toughened Glass from Express Toughening

Express Toughening provide bespoke toughened glass solutions tailored to your specific needs, ensuring optimal performance and aesthetics. Contact today for expert advice and premium glass solutions.

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