



# TEMPERED GLASS

The perfect safety solution for all occasions Integral Seal's tempered glass can be Laminated, Insulated and even Heat Soaked reducing the risk of spontaneous glass breakage.

Tempered glass is engineered to shatter into small pieces upon breaking, minimizing the risks associated with large, sharp shards. The safety glass is manufactured through a precise technique of extreme heating and rapid cooling, resulting in a stronger and more durable glass. Universally praised Tempered Glass is quickly becoming the standard product within our industry, especially in the high rise and railing sectors.

Our tempering facility includes an automatic arising and wash machine allowing all production to remain in-house, increasing productivity and efficiency. Continuing our tradition of dedicated customer care, we are proud to offer complete insulated glass units, laminated makeups and single glass panels in a range of tints and high performance options, as per individual specifications. We guarantee the quality of all our glass panels, which are certified in compliance with the SGCC North American regulations.

## FEATURES

Compatible with digital ceramic printing for uniquely custom projects.  
Able to be Heat Soaked to prevent glass panels spontaneous breakages.  
High Performance options available for improved UV and solar protection.  
Safety glass manufactured to reach Canadian CAN/CGSB 12.1 standards

## THICKNESS

4mm - 8mm

\*Custom thickness' available on request

## MAXIMUM SIZE

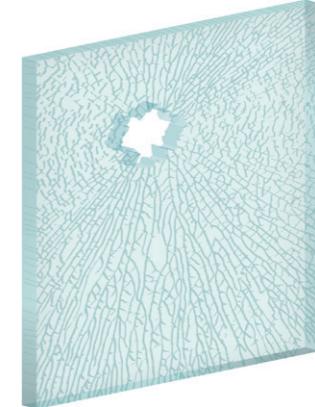
1800x3500mm, 71"x138"

## GLASS TYPES

Clear, Low Iron, Grey, Bronze, Low-E, Acid Etch, Pin Head

\*Custom glass types and tints available on request

## Glass Comparison



Broken Tempered



Broken Annealed



## Heat Soaking

To keep up with current E.U. glass safety standards Integral Seal is also able to offer Heat soaking. The process is designed to expose potential critical NiS (Nickel Sulfide) inclusions in fully tempered panels reducing the risk of spontaneous glass breakage. Heat soaking provides an additional defined level of confidence with your glass project, reducing the chance of unwanted hassle later.

