



## DATA SHEET

# 5MM CLEAR TOUGHENED

5mm Clear Toughened is a high quality clear, toughened float glass which is fully recyclable. Ideal for a variety of applications in the exterior and interior of buildings.

### TECHNICAL INFORMATION

Resistance to Fire	NPD
Reaction to Fire	A1
External Fire Performance	NPD
Bullet Resistance	NPD
Explosion Resistance	NPD
Burglar Resistance	NPD
Pendulum Body Impact Resistance	1(C)2
Resistance Against Sudden Temperature Changes and Temperature Differentials	40K
Wind, Snow, Permanent and Imposed Load Resistance	5MM
Direct Airbourne Sound Insulation	30(-1;-2)dB
Thermal Properties	5.7W/(m <sup>2</sup> ,K)
Radiation Properties	
Light Transmittance/ Reflectance	0.90/0.08/0.08
Solar Energy Transmission/ Reflectance	0.86/0.08/0.08
g Value	0.84
Durability	Pass
Normal Emissivity	0.89/0.89

NPD = NO PERFORMANCE DETERMINED.  
 NOTIFIED PRODUCTION CONTROL CERTIFICATION BODY NUMBER 1750


### KEY FEATURES


- ☒ Highest quality float glass
- ☒ Very high light transmission
- ☒ Easily processed and fabricated
- ☒ Manufactured in accordance with EN 572-2
- ☒ Fully recyclable.

### SUITABLE APPLICATION

- ☒ Can be used in IGUs with other products to achieve additional benefits.
- ☒ Internal and External.

### STORAGE AND HANDLING

-  Must be handled with care during transportation, storage, inspection and installation.

 If you need help, please email: [technical@fireglassuk.com](mailto:technical@fireglassuk.com)