



## DATA SHEET

# 12MM CLEAR TOUGHENED

12mm 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)1                    |
| Resistance Against Sudden Temperature Changes and Temperature Differentials | 40K                      |
| Wind, Snow, Permanent and Imposed Load Resistance                           | 12MM                     |
| Direct Airbourne Sound Insulation   | 34(0;-2)dB               |
| Thermal Properties  | 5.5W/(m <sup>2</sup> ,K) |
| Radiation Properties  |                          |
| Light Transmittance/ Reflectance  | 0.88/0.08                |
| Solar Energy Transmission/ Reflectance                                      | 0.78/0.08                |
| g Value   | 0.74                     |
| Durability  | Pass                     |
| Normal Emissivity   | 0.89/0.89                |


### 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)

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

### ACCREDITATION & CERTIFICATION

