



RNG Consultancy
PO Box 11546
Dubai, United Arab Emirates

13

4mm Thermally Toughened Clear Float Glass

EN 12150 - 2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works.

Characteristics

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:	200K
Wind, snow, permanent and imposed load resistance:	4mm
Direct airborne sound insulation:	29(-2,-3)dB
Thermal properties:	5.8W/(m²K)
Radiation properties	
Light transmission and reflection:	90/8/8
Solar energy characteristics:	84/8/8



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10mm Thermally Toughened Clear Float Glass

EN 12150 - 2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works.

Characteristics

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:	200K
Wind, snow, permanent and imposed load resistance:	10mm
Direct airborne sound insulation:	33(-2,-3)dB
Thermal properties:	5.6W/(m²K)
Radiation properties	
Light transmission and reflection:	87/8/8
Solar energy characteristics:	76/7/7



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19mm Thermally Toughened Clear Float Glass

EN 12150 - 2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works.

Characteristics

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:	200K
Wind, snow, permanent and imposed load resistance:	19mm
Direct airborne sound insulation:	NPD
Thermal properties:	5.3W/(m²K)
Radiation properties	
Light transmission and reflection:	84/7/7
Solar energy characteristics:	66/7/7