



Trakya Cam Sanayii A.Ş.
Adres: İş Kuleleri Kule 3 34330
4.Levent- İSTANBUL/TÜRKİYE
10

EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works, 3mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | NPD |
| Bullet resistance | NPD |
| Explosion resistance | NPD |
| Burglar resistance | NPD |
| Pendulum body impact resistance | 1(C)3 |
| Resistance against sudden temperature changes and temperature differentials | 200K |
| Wind, snow, permanent and imposed load resistance of the glass unit | 3mm |
| Direct airborne sound reduction | 28 (-1; -4) dB |
| Thermal properties | |
| U-value (EN 673) | 5,8 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,90/0,08/0,08 |
| Solar energy characteristics | 0,84/0,08/0,08 |

NPD: No Performance Determined



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EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works, 4mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | 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 of the glass unit | 4mm |
| Direct airborne sound reduction | 29 (-2; -3) dB |
| Thermal properties | |
| U-value (EN 673) | 5,7 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,89/0,08/0,08 |
| Solar energy characteristics | 0,82/0,07/0,07 |

NPD: No Performance Determined



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EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works, 5mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | 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 of the glass unit | 5mm |
| Direct airborne sound reduction | 30 (-1; -2) dB |
| Thermal properties | |
| U-value (EN 673) | 5,7 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,89/0,08/0,08 |
| Solar energy characteristics | 0,80/0,07/0,07 |

NPD: No Performance Determined



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EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works, 6mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | 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 of the glass unit | 6mm |
| Direct airborne sound reduction | 31 (-2; -3) dB |
| Thermal properties | |
| U-value (EN 673) | 5,7 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,88/0,08/0,08 |
| Solar energy characteristics | 0,78/0,07/0,07 |

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EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used in buildings and construction works, 8mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | 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 of the glass unit | 8mm |
| Direct airborne sound reduction | 32 (-2; -3) dB |
| Thermal properties | |
| U-value (EN 673) | 5,6 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,87/0,08/0,08 |
| Solar energy characteristics | 0,75/0,07/0,07 |

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EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used buildings and construction works, 10mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | 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 of the glass unit | 10mm |
| Direct airborne sound reduction | 33 (-2; -3) dB |
| Thermal properties | |
| U-value (EN 673) | 5,6 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,86/0,08/0,08 |
| Solar energy characteristics | 0,72/0,06/0,06 |

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EN 12150-2

Thermally toughened soda lime silicate safety glass, intended to be used buildings and construction works, 12mm clear

Characteristics

| | |
|---|--------------------------|
| Resistance to fire | NPD |
| Reaction to fire | A1 |
| External fire behaviour | 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 of the glass unit | 12mm |
| Direct airborne sound reduction | 34 (-0; -2) dB |
| Thermal properties | |
| U-value (EN 673) | 5,5 W/(m ² K) |
| Normal emissivity (EN 12898) | 0,89 |
| Radiation properties | |
| Light transmission and reflection | 0,85/0,08/0,08 |
| Solar energy characteristics | 0,69/0,06/0,06 |

NPD: No Performance Determined