



REFLEX

REFLEX d.o.o.

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06

EN 12150 – 2

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

REFLEX Tempered glass PLANIBEL GREEN 5 mm

Characteristics:

For uses relating to safety in case of fire:

| | | |
|---------------------------|--|-----|
| Resistance to fire | | NPD |
| Reaction to fire | | A1 |
| External fire performance | | NPD |

for uses as anti-bullet or anti-explosion glazing:

| | | |
|----------------------|--|-----|
| Bullet resistance | | NPD |
| Explosion resistance | | NPD |

for uses liable to present „safety-in-use“ risks and subject to such regulations:

| | | |
|---|----|-------|
| Burglar resistance | | NPD |
| Pendulum body impact resistance | | 1(C)1 |
| Resistance against sudden temperature changes and temperature differentials | K | 200 |
| Wind, snow, permanent and imposed load resistance | mm | 5 |

for uses relating to noise reduction:

| | | |
|----------------------------------|----|-----------|
| Direct airborne sound insulation | dB | 30(-1,-2) |
|----------------------------------|----|-----------|

for uses relating to energy conservation

Thermal / Radiation properties:

| | | |
|-------------------------|--|------|
| Emissivity ϵ_n | | 0,89 |
|-------------------------|--|------|

| | | |
|-----------|----------------------|-----|
| U – value | W/(m ² K) | 5,7 |
|-----------|----------------------|-----|

| | | |
|-----------------------------|--|------|
| Light transmission τ_v | | 0,76 |
|-----------------------------|--|------|

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|---------------------------|--|------|
| Light reflection ρ_v | | 0,07 |
|---------------------------|--|------|

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|------------------------------------|--|------|
| Solar energy transmission τ_e | | 0,49 |
|------------------------------------|--|------|

| | | |
|----------------------------------|--|------|
| Solar energy reflection ρ_e | | 0,06 |
|----------------------------------|--|------|

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|-----------|--|-----|
| g - value | | NPD |
|-----------|--|-----|

NPD = no performance declared (Keine Leistung bestimmt)