



REFLEX

**REFLEX d.o.o.**

Podgrad 4, 9250 Gornja Radgona, Slovenija  
06

**EN 12150 – 2**

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

**REFLEX Tempered glass IPLUS ET 4 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)3 |
| Resistance against sudden temperature changes and temperature differentials | K  | 200   |
| Wind, snow, permanent and imposed load resistance                           | mm | 4     |

***for uses relating to noise reduction:***

|                                  |    |           |
|----------------------------------|----|-----------|
| Direct airborne sound insulation | dB | 30(-2,-4) |
|----------------------------------|----|-----------|

***for uses relating to energy conservation***

Thermal / Radiation properties:

|                         |  |      |
|-------------------------|--|------|
| Emissivity $\epsilon_n$ |  | 0,03 |
|-------------------------|--|------|

|           |                      |     |
|-----------|----------------------|-----|
| U – value | W/(m <sup>2</sup> K) | 3,2 |
|-----------|----------------------|-----|

|                             |  |      |
|-----------------------------|--|------|
| Light transmission $\tau_v$ |  | 0,86 |
|-----------------------------|--|------|

|                           |  |      |
|---------------------------|--|------|
| Light reflection $\rho_v$ |  | 0,08 |
|---------------------------|--|------|

|                                    |  |      |
|------------------------------------|--|------|
| Solar energy transmission $\tau_e$ |  | 0,59 |
|------------------------------------|--|------|

|                                  |  |      |
|----------------------------------|--|------|
| Solar energy reflection $\rho_e$ |  | 0,25 |
|----------------------------------|--|------|

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

NPD = no performance declared (Keine Leistung bestimmt)