



Planibel Coloured | Planibel Bronze

Brand Planibel Coloured

Body-tinted base glasses

- Benchmark coloured glasses that can be processed in all ways, for use in numerous sectors, including the construction, decoration, automotive and high tech industries.
- Made using the 'float' process: the sides of the glass are perfectly flat and parallel.
- Basic solar control
- Base glass to which coatings are applied
Application: single glazing - insulating glazing - laminated glass - toughened glass - enamelled glass

Planibel Bronze - Description

Prized for its bronze colour, the intensity of which varies according to the thickness of the glass Multiple applications in the construction sector

Performances

| Structure | Aspect | Light Prop. | | Thermal Prop. | | | U-Value W/m ² .K |
|-----------|--------|-------------|---------|---------------|---------|------|--------------------------------|
| | | LT % | LR % | EA % | SF % | SC | |
| 4 | Bronze | 62 | 6 | 33 | 70 | 0.8 | 5.8 |
| 5 | Bronze | 56 | 6 | 38 | 66 | 0.75 | 5.7 |
| 6 | Bronze | 51 | 6 | 45 | 62 | 0.71 | 5.7 |
| 8 | Bronze | 41 | 5 | 53 | 55 | 0.64 | 5.6 |

| Structure | Aspect | Light Prop. | | Thermal Prop. | | | U-Value W/m ² .K |
|---------------|--------|-------------|---------|---------------|---------|------|--------------------------------|
| | | LT % | LR % | EA % | SF % | SC | |
| 10 | Bronze | 34 | 5 | 61 | 50 | 0.58 | 5.6 |
| 4 - 12 - 4 | Bronze | 56 | 9 | 38 | 60 | 0.69 | 2.8 |
| 6 - 12 - 6 | Bronze | 45 | 8 | 51 | 51 | 0.58 | 2.8 |
| 4 - 15Ar - 4 | Bronze | 54 | 8 | 43 | 47 | 0.54 | 1.2 |

Abbreviations:

LT: Light Transmission; LR: Light Reflection; UV: Ultraviolet transmission; EA: Energy Absorption; SF: Solar Factor.

Symbols:

- The | symbol indicates the position of the solar-control coating.
- The † symbol indicates the position of a low-emissivity coating (Planibel Top N or Top NT).
- The ! Symbol indicates the position of a low-emissivity coating (Planibel G)

Tolerances:

The data are calculated using spectral measurements that are conform to standards EN 410. The tolerance of published data with respect to photometric properties is +/- 3 points. The U-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898. The U-value tolerance is +/- 0.1W/m².K.

This information is no evaluation of the risk of glass breakage due to thermal stress.

See also conditions of use.