

**Your composition:**

4 mm Planibel Low-e Top N+ pos.2 - 12 mm Argon 90% - 4 mm Planibel Clear - 12 mm Argon 90% - 4 mm Planibel Low-e Top N+ pos.5

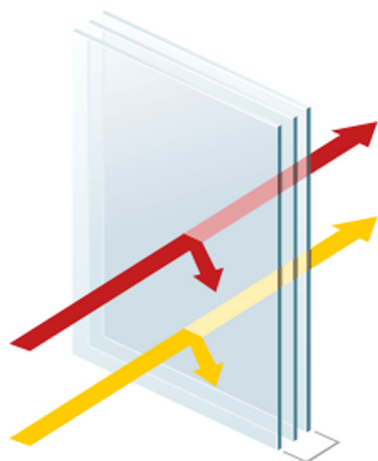
Personal notes:

**LIGHT**

Transmission	69
Reflection	17

**ENERGY**

Solar factor	47
Energy Reflection	33



**LIGHT PROPERTIES (EN 410)**

	EN 410
Light Transmission	69
Light Reflection	17
Colour Rendering - RD65	96

**ENERGY PROPERTIES**

	EN 410	ISO 9050
Solar factor	47	44
Energy Reflection	33	35
Direct Energy Transmission	39	37
Solar abs. Glass	18	19
Solar abs. Glass	5	5
Solar abs. Glass	6	5
Total Energy absorption	29	29
Shading coefficient	0.54	0.51
UV Transmission	9	
Schattenfaktor (DE)		55.0

**OTHER PROPERTIES**

Resistance to fire	NPD
Reaction to fire	NPD
Bullet Resistance	NPD
Burglar Resistance	NPD
Pendulum body impact resistance	NPD / NPD / NPD
Direct airborne sound insulation(Rw (C;Ctr) - ESTIMATED)	32 (-1, -6)

**THERMAL PROPERTIES (EN 673)**

EN 673

Ug-Value	0.7
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The data are calculated using spectral measurements that are conform to standards EN 410, ISO 9050 (1990) and WIS/WINDAT. The Ug-value (formerly k-value) is calculated according to standard EN 673. The emissivity measurement complies with standards EN 673 (Annex A) and EN 12898.

This document is no evaluation of the risk of glass breakage due to thermal stress. For tempered glass: the risk of spontaneous breakage due to Nickel-Sulfide is not covered by AGC Glass Europe. The Heat Soak Test is available on request.

Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Glass Europe can not be held responsible for any deviation between the data introduced and the conditions on site. This document is only informative, in no way it implies an acceptance of the order by AGC Glass Europe.

See also conditions of use.

These sound reduction indexes are estimated (no test). They correspond to glazings which are 1,23m. by 1,48 m. In-situ performances may vary according to the effective glazing dimensions, frame system, noise sources etc.

The accuracy of the given indexes is +/- 2dB.