



Planibel clear | Clear

Brand Planibel clear

Clear base glasses

- Clear benchmark 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.
- Transparency: high light transmission
- Base glass to which coatings are applied
Application: single glazing - insulating glazing - laminated glass - toughened glass - enamelled glass - sandblasted glass

Clear - Description

Ordinary clear glass

All applications and processing options possible

Performances

Structure	Aspect	Light Prop.		Thermal Prop.			U-Value W/m ² .K
		LT %	LR %	EA %	SF %	SC	
3	Clear	90	8	6	88	1.01	5.8
4	Clear	90	8	8	87	0.99	5.8
5	Clear	89	8	10	85	0.98	5.7

Structure	Aspect	Light Prop.		Thermal Prop.			U-Value W/m ² .K
		LT %	LR %	EA %	SF %	SC	
6	Clear	89	8	12	84	0.97	5.7
8	Clear	88	8	15	82	0.94	5.6
10	Clear	87	8	18	80	0.92	5.6
12	Clear	86	8	21	78	0.89	5.5
4 - 12 - 4	Clear	81	15	15	77	0.89	2.8
5 - 12 - 4	Clear	81	14	16	76	0.87	2.8
5 - 12 - 5	Clear	80	14	17	76	0.87	2.8
6 - 12 - 6	Clear	79	14	21	74	0.85	2.8

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.