



Sunergy | Sunergy Green

Brand Sunergy

Solar control glasses

- Superb appearance and visual comfort: high light transmission, low reflection and neutral appearance
- Interior comfort: excellent thermal insulation combined with solar control
- Hard-coated glass (coating applied using a pyrolytic process) can be processed in many ways, including toughening
- These glasses offer architects limitless creativity: a single glass can be used for all applications

Application: single glass - double glazed units - laminated glass - toughened glass - enamelled glass

Sunergy Green - Description

Admired for its green colour providing superb solar control The perfect choice for all seasons: warm in winter, cool in summer Multiple applications: atriums, south-facing façades, etc.

Performances

Structure	Aspect	Light Prop.		Thermal Prop.			U-Value W/m ² .K
		LT %	LR %	EA %	SF %	SC	
6	Green	56	7	63	42	0.49	4.2
8	Green	52	7	68	39	0.44	4.1
10	Green	48	7	73	36	0.41	4.1
6 - 12 - 6	Green	50	10	67	34	0.39	2.2

Structure	Aspect	Light Prop.		Thermal Prop.			U-Value W/m ² .K
		LT %	LR %	EA %	SF %	SC	
6 - 15Ar - !6	Green	49	9	69	30	0.34	1.1
6 - 12Ar - !6	Green	49	9	69	30	0.35	1.3

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.