

ClimaGuard® 1.0+

Improved light transmission for residential window applications

Ideal for double-glazed windows in residential applications, ClimaGuard® 1.0+ delivers excellent thermal insulation while taking transparency to a new level.

Features and benefits

- **76% light transmission** for a double IGU 4-16-4 panel. The higher light transmission lets more **natural daylight** into the building. This is complemented by thermal insulation with an Ug value of 1.0 W/m²K, ensuring **minimal heat escapes** through the window glass.
- Reduces cold spots and down draughts near windows.
- Creates a **more comfortable environment** inside the house. It allows larger areas of glazing to be installed, letting even **more natural light** into rooms.

Technical Data / Performance table

	Insulating Glass Unit	Coating on Glazing surface	Gas Filling *	Light Transmission [%]	Light Reflection [%]	Colour Rendering Index [Ra]	Solar Factor (g) EN 410 [%]	U-Value EN 673 (15K) [W/(m²K)]
Annealed version	4-16-4	3	Argon	76	18	96	52	1.0
Heat-treatable version	4-16-4	3	Argon	75	17	95	54	1.0

* Gas filling rate 90%

The performance values shown are nominal and subject to variations due to manufacturing tolerances.



Advanced thermal performance with higher transparency



Neutral colour and high light transmission for a pleasant indoor environment

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