

Cystar Energy 1.0



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Neutral solar control insulating glass

Cystar Energy 1.0 is a neutral four-season solar control insulating glass with low external reflectance and high visual neutrality. The product provides a thermal transmittance (U_g) of $1.0 \text{ W/m}^2 \text{ K}$.

Features and Benefits

- Energy-efficient solar control glazing
- Four-season glazing, widely used in both commercial and residential applications
- Light transmittance (LTA): 72%
- Solar factor (g-value): 38%
- Suitable for use in structurally bonded glass corners and façades
- Supplied as standard with a black thermally improved spacer

Optical Properties				Energy Performance		Solar factor (g-value) %	Ug-value (Argon 90%) W/m² K
Light transmittance τ _v %	External light reflectance ρ _v %	Internal light reflectance ρ _{vi} %	Colour rendering index Ra %	Direct solar transmittance τ _e %	External solar reflectance ρ _e %		
Double glazing configuration: 4§ - 15 - 5							
72	13	14	96	36	40	38	1.0
Performance values determined in accordance with EN 410							EN673

The glass composition can be modified to meet additional requirements related to solar control, acoustic insulation, and safety performance.



Photography Home Sweet Home, Nick Canniaerls - Architect Bart Ruymen

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We manufacture our glass energy-neutrally, **cgreen**

