

A modern interior space featuring large floor-to-ceiling windows that offer a panoramic view of a city skyline. The room is furnished with a light-colored sofa, a patterned throw pillow, and a dark fringed blanket. A large, dried branch arrangement sits on a white pedestal. The floor is made of light-colored wood planks. The ceiling has a recessed light fixture. The overall atmosphere is bright and airy, with natural light streaming in from the windows.

ENERGY 65/42S

Multifunctional Glass

AGC

Your Dreams, Our Challenge



Energy 65/42S is a multifunctional magnetron-coated glass and is part of the AGC **Energy** range, perfectly combining the performances of low-emissivity with the characteristics of solar control. Energy 65/42S is designed for the premium residential segment and is also suitable for facade glazing, allowing plenty of natural light into the building while ensuring good solar protection.

The 'S' in the name stands for Single stock product – Unique on the market. Energy 65/42S's remarkable advantage is that it can be used for both annealed and heat-treated glass applications with the same light and energy performances.

Multifunctional Glass

ENERGY 65/42S

Facade applications

What's so special about it?

What does this mean for you?

Excellent energy efficiency – Very low heat loss

Low solar factor – Prevents building overheating due to sunlight and ensures the greatest possible comfort for occupants

Superb light transmission – Maximum natural light incidence

Optimal reflection – Gives the building a unique look

Neutral appearance – Allows for appealing facade design and shiny aesthetics

When used with Planibel Clearvision – Enhances the focus on neutrality

Window applications for residential

What's so special about it?

What does this mean for you?

Outstanding solar protection properties – Saves on air conditioning costs

Superb light transmission – Lets a comfortable level of light into the room

Low emissivity – Very low heat loss

Neutral appearance combined with medium reflection – Blends well with all types of window frames

Technical specifications

ENERGY 65/42S

	Light Transmission (%)	Solar Factor (%)	Light Reflection (%)	U _g -Value W/(sqm.K)
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DOUBLE GLAZING 6-16-4 (with 90% argon)

Energy 65/42S	65	42	26	1.0
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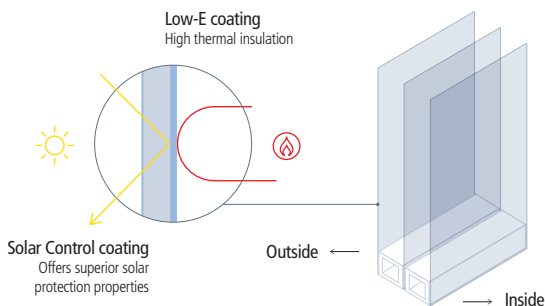
TRIPLE GLAZING 6-14-4-14-4

(coating in #2 - Clearvision - iplus 1.1 in #5 - with 90% argon)

Energy 65/42S	60	38	28	0.6
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Low-e combined with solar control

The combination of low-e and solar control properties enable air conditioning and heating cost reduction, while offering the highest level of natural light and comfort.



ENERGY 65/42S is available

- From 4 mm to 10 mm.
- In size: 6,000 mm x 3,210 mm (other sizes upon request).
- On Planibel Clearvision glass upon request.

For more details, refer to AGC's Product Catalogue on www.agc-yourglass.com

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