



Product Information

The Wellness Glass SANCO Plus® EN2

Less energy, more daylight, colour-neutral from inside and outside.

Today's thermal insulation glass types focus on perfectly combining enhanced comfort in the home with up-to-date energy efficiency. Low temperatures and short days often cause people real problems. The central and northern European regions in particular are affected in the cooler months, and they have to get through this time with heating and artificial light. The result is high energy costs and a greater strain on our environment. The answer to these problems is good thermal insulation plus high light transmission.

Lower energy consumption, natural light yield and faithful colour reproduction

The new SANCO Plus EN2 combines these attributes, providing an insulating glass solution as climate-friendly as it is convenient.

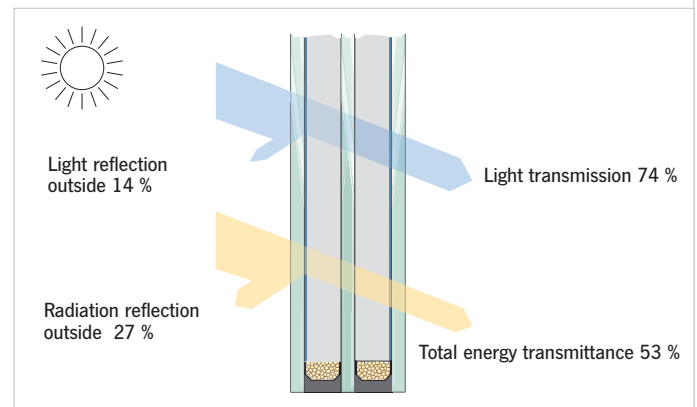
The new coating design from Glas Trösch in the form of triple insulating glazing achieves a very low U_g -value of $0.6 \text{ W/m}^2\text{K}$ and so plays a crucial part in largely preventing heat losses. Light transmission is 74 % with the triple glazing. That allows lots of natural daylight into the interior, making the energy-intensive use of artificial light less often necessary. Its cosiness is enhanced by the most colour-neutral light transmission possible, with the yardstick for this being expressed in the colour rendering index (R_a). A low light reflection of just 14 % reduces disruptive reflections from outside and inside.

Energy efficiency, more natural light,
colour-neutral in reflection and transparency.
The next step for comfort in the home.



SANCO Plus® EN2 The arguments at a glance

- Excellent U_g -value of $0.6 \text{ W/m}^2\text{K}$
→ Efficient reducing of heating energy costs and preservation of the environment
- Very high light transmittance of 74 %
→ Lots of natural daylight, meaning savings on artificial light
- High colour rendering index of 96 and low light reflection of 14 %
→ Colour-neutral reflection and transparency without disruptive reflections



Glass type	Glass structure	U_g value to DIN EN 673	Light transmission	Total energy transmittance to DIN EN 410	Light reflection outside	General colour rendering index	Element thickness
	mm	$\text{W/m}^2\text{K}$	LT % (± 2)	g value % (± 2)	LR % (± 2)	R_a	mm (approx.)
SANCO Plus EN2	4 - 16AR - 4	1.1	82	64	12	98	24
SANCO Plus EN2	4 - 14AR - 4 - 14AR - 4	0.6	74	53	14	96	40

SANCO Plus EN2 coating on item 3 with 2 layer insulating glass, on items 2 and 5 with 3 layer insulating glass

AR = argon

Technical values computed with SILVERSTAR® glaCE. U_g value according to DIN EN 673 for vertical installation determined. For dimensional tolerances and production possibilities please refer to the appropriate price list. Excerpt from the SANCO insulating glass range. Other structures possible at www.sanco.de

The technical data listed here conforms to the current values at the time of going to print and can alter without prior notice. The technical values are based on the suppliers' information or were ascertained in the course of tests by an independent testing institution in accordance with the respectively valid standards. The function values are based only on test specimens in the dimensions provided for testing. No further guarantee for technical values shall be accepted, in particular if tests are performed in other installation situations or if subsequent measurements are obtained in the building. During installation, the current version of the SANCO glazing guidelines must be followed without fail. SANCO is a trademark. Date: 10/2013