

PERFORMANCE DATA
GUARDIAN CLARITY™ LAMI

Guardian Clarity™ Lami Low-iron glass	55.2*	55.4**
Visual reflection (acc.EN 410 – 2011)	0.7 %	0.7 %
Light transmission (acc.EN 410 – 2011)	96.5 %	96.4 %
General color rendering index	98.2 %	97.9 %
UV transmission	0 %	0 %
Safety properties – EN 12600 pendulum impact test	1(B)1	1(B)1
Security properties – EN 356	P2A	P4A
Direct air bone sound insulation	34 dB	34 dB
Thermal transmittance (U-value)	5.5 W/m²K	5.5 W/m²K

* 2 x 5 mm low-iron glass laminated with 0.76 mm PVB foil, with two sided anti-reflection coating

** 2 x 5 mm low-iron glass laminated with 1.52 mm PVB foil, with two sided anti-reflection coating after the table

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to EN 410; U-values according to EN 673.

PRODUCT OPTIONS

Monolithic: 3, 4, 5, 6, 8, 10 mm
Laminated safety glass: 3+3, 4+4, 5+5, 6+6, 8+8
PVB foil: 0.38 mm, 0.76 mm, 1.52 mm
Temporary Protective Film (TPF) on coated side

BENEFITS

- High color neutrality and contrast
- A viewing experience through the glass that is virtually distortion free
- Durable and smooth coating surface for easier maintenance
- Available in maximum 3210 x 6000 mm – a real advantage for cutting optimization to reduce cutting loss
- Can be tempered, heat strengthened, bended
- Available as laminated version for security, safety and ultraviolet protection

TENDER SPECIFICATION GUIDELINES

Double-sided anti-reflective coated low-iron float glass, with highest possible light transmission value and light reflection below 1 %. Remaining reflection color is light-bluish, with no color-shift in a view from different angle to achieve optimal optical and aesthetic result.

GUARDIAN CLARITY™
GLASS FOR
MUSEUM SHOWCASES



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Guardian Europe
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GUARDIAN CLARITY™ ANTI-REFLECTIVE GLASS FOR MUSEUM SHOWCASES

In museums, glass displays are used to protect precious artefacts from damage or distress, while presenting them in the best possible light. But sometimes the glass itself can act as an obstruction to the view. Unwanted glare and reflection prevent visitors from having a crystal-clear view and seeing the object in its original colour.

Guardian Clarity™ can virtually remove unwanted glare and reflection enabling closer, more intimate interaction with the displayed object. Further on, it provides security, safety and ultraviolet (UV) protection properties — critical for priceless objects on display.



HOW WE CAN HELP

As a museum designer, curator, director, scenographer or showcase builder, you are striving to achieve a perfect exhibition for the artifacts by providing the best interaction for the visitors.

Guardian Clarity allows you to focus on getting the best out of the showcase itself, without compromise: think of our glass as the invisible glass, — while it creates a physical barrier to protect the object, leaving the precious artefact behind the glass clearly visible.

We also recognise that every museum display project is unique in terms of its glass requirements. We work closely with you to ensure the best glass products are selected to meet all your requirements.

GUARDIAN CLARITY™ – THE UNSEEN HERO OF MUSEUM DISPLAYS

Guardian Clarity can reduce reflection from 8 % to around 0.7 %, when compared to standard display glass. At the same time, light transmission is increased from 90 % to 98 %, resulting in a virtually distortion-free viewing experience through the glass. Guardian Clarity is available in thicknesses from 3 mm to 15 mm and as laminated glass from 3 + 3 up to 8 + 8 with various levels of safety, security and UV protection. Guardian Clarity can be laminated, toughened, bent, printed and processed to meet your requirements.

WHERE SIZE MATTERS

Regardless of the size of your showcase, we work closely with you to develop the right solution. In addition to our standard stock sheet sizes, Guardian Clarity glass is also available in sizes of 3210 mm x 6000 mm, a clear advantage when large displays are needed.

KEEP VALUABLES SAFE

Your museum valuables will be well protected behind our invisible glass. Guardian Clarity can be tempered, heat strengthened or supplied laminated for additional security, safety and ultraviolet (UV) protection.