Glacier™ Sun Shade

Balanced solar heat protection and market-leading visual performance

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ALWAYS IN FRONT

Technical Specifications

Information displays installed outdoors are exposed to high levels of infrared light from the sun. This infrared light heats the display, which can cause malfunctions and significantly reduce the device's lifetime.

Glacier™ Sun Shade is a laminated front glass solution with a PVB film containing nano-sized particles that absorb near-infrared particles. As a result, most solar heat is blocked before it can reach the display, effectively eliminating overheating issues.

The solar heat-blocking properties of Glacier™ Sun Shade can be combined with our other Glacier™ solutions, such as Glacier™ AR. In this case, the unique properties of the Glacier™ AR in the VIS range, and its ability to reflect a significant amount of solar heat, work together with the Glacier™ Sun Shade, creating a combination with unsurpassed visual performance and a very high level of heat rejection.

Glacier™ Sun Shade laminates can be printed, thermally tempered, and mechanically processed to fit all design requirements.

Technical Data

Solar heat rejection	Up to 70%*
Visible light transmission	Up to 97%
Reflection	<1%
UV protection	>99%
Base materials	Glacier™ AR, Glacier™ Mat, regular float glass
Thicknesses	from 4,76 mm
Minimum dimensions	400 x 250 mm
Maximum dimensions	1590 x 3150 mm

* for volume requests, other grades of Glacier™ Sun Shade PVB film can be made available

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