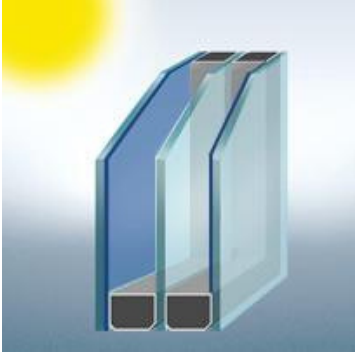


Performance Calculator



Glass Configuration

OUTER PANE	: Şişecam Temperable Low-E Glass 6 mm Neutral 71/53 (Surface #2)
CAVITY 1	: 16 mm Cavity (Argon)
MIDDLE PANE	: Şişecam Clear Float Glass 6 mm Clear
CAVITY 2	: 16 mm Cavity (Argon)
INNER PANE	: Şişecam Temperable Low-E Glass 6 mm Neutral 71/53 (Surface #5)

Daylight Properties (EN 410)

Daylight Transmittance	: 60%
Daylight Reflectance Outdoor	: 24%
Daylight Reflectance Indoor	: 25%

Solar Energy Properties (EN 410)

Solar Energy Direct Transmittance	: 36%
Solar Energy Reflectance Outdoor	: 30%
Solar Energy Absorption Solar	: 34%
Heat Gain Coefficient (Solar Factor / g)	: 44%
Shading Coefficient	: 0.50
UV Transmission	: 24%

Thermal Conductivity (EN 673)

U Value W/(m ² K)	: 0.6
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Sound Insulation Value (EN 12758)

R _w (C; C _{tr}) dB	: 36 (-2; -6)
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"Day Light" and "Solar Energy" properties are calculated in compliance with EN 410.

"U-value" is calculated according to EN 673. The emissivity measurement utilized to calculating comply with EN 673 (Annex A) and EN 12898.

Potential thermal stresses or relevant building codes may require the use of heat-treated glass. This document does not stand for an assessment with regards to glass breakage risk due to thermal stress. Please contact Türkiye Şişe ve Cam Fabrikaları A.Ş. to make sure that the correct type of glass is to be supplied for your building. In order to avoid thermal breakage risks, the middle pane should be tempered clear float, or low iron clear float.

Specifications, technical as well as miscellaneous data bases on information, available at the time of the issuance of this document and are subject to change without any notice.

Türkiye Şişe ve Cam Fabrikaları A.Ş. cannot be held responsible for any discrepancy between the technical data and the conditions on site. This document serves only for informative purpose. It doesn't refer to acceptance of the order by Türkiye Şişe ve Cam Fabrikaları A.Ş.