

SOLERA– Diffused glass

Description

Including Solera in the building envelope is an effective and elegant solution against blinding, bright natural daylight, solar heat and uncontrolled light rays. Solera is able to create beautiful, functional and comfortable spaces. Solera is a unique light-diffusing glass, whereby natural daylight is evenly distributed in all directions at a large angle (> 170 degrees). In addition, it has a very good insulating effect that considerably increases the users' performance curve.



Important Features

Maximum dimensions: Maximum dimensions: 1524 mm x 3658 mm
U– value: U– value: 0.23 to 1.14 W/m²K

Applications

- ▶ Roof
- ▶ Facade
- ▶ Skylight

SOLERA– Diffused glass with measurements

Measurements in mm, other measurements on appeal available

	Minimum thickness	Transmittance percentage	U– Value	G– Value	Decibel reduction
Solera + Lumira aerogel R25	102 mm ¹	5% - 20% ²	0.23 W/m²k ³	0.09 - 0.15	Minimum 52
Solera + Lumira aerogel R18	76.2 mm ¹	7% - 32% ²	0.31 W/m²K ³	0.07 - 0.30	Minimum 52
Solera + Lumira aerogel R9	44.45 mm ¹	9% - 40% ²	0.61 W/m²K ³	0.09 - 0.37	Minimum 52
Solera + Lumira aerogel R5	25.4 mm ¹	10% - 45% ²	1.14 W/m²K ³	0.10 - 0.42	Minimum 52

¹ Depending on required glass composition ² Depending on the type of veil ³ At any angle of slope

Glass Composition

