

Thermal Resistance and Solar Heat Gain Coefficient of Robover's IG Units Fabricated with

Solarban® 70XL

Low-E Glass from Vitro

Composition of the IG Units

	3 mm Glass	12.7 mm (1/2 in) Spacer Chamber filled with	Thermal Resistance (R Factor)*	Solar Heat Gain Coefficient (SHGC)	Percentage of Visible Light
Double	Clear / Clear	Air	2.1	0.70	79 %
	Clear / Low-E	Argon at 95%	4.3	0.37	64 %
Triple	Clear / Clear / Clear	Air	3.2	0.62	71 %
	Clear / Clear / Low-E	Argon at 95%	5.9	0.36	57 %
	Low-E / Clear / Low-E	Argon at 95%	8.3	0.23	46 %

According to LBNL Windows 6.3 Software.

* The Thermal Resistance is calculated at the center of the IG unit.

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Windows, doors and skylights fabricated with **Solarban® 70XL** Low-E glass from **Vitro** offer superior energy efficiency and meet ENERGY STAR standards.

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