



ISICAM

Performance Tables

Isicam Insulating Glass Units

Product	Thickness	Daylight (EN 410)		Solar Energy (EN 410)					Thermal Conductivity U Value W / m ² K (EN 673)			
		Transmittance %	Reflectance Outdoor %	Reflectance Outdoor %	Absorption %	Direct Transmittance %	Solar Factor	Shading Coefficient	12mm Cavity		16mm Cavity	
									Air	Argon	Air	Argon
Isicam Klasik	4+4	80	14	12	19	69	0.75	0.86	2.9	2.7	2.7	2.6
(Clear Float) + (Clear Float)	6+6	78	14	12	26	62	0.71	0.82	2.8	2.7	2.7	2.6

Isicam Sinerji	4+4	79	12	25	25	51	0.60	0.69	1.6	1.3	1.3	1.1
(Clear Float) + (TRC Ecotherm #3)	6+6	77	11	22	30	48	0.58	0.67	1.6	1.3	1.3	1.1
Isicam Sinerji	4+4	79	12	25	25	51	0.56	0.64	1.6	1.3	1.3	1.1
(TRC Ecotherm #2) + (Clear Float)	6+6	77	12	23	30	48	0.54	0.62	1.6	1.3	1.3	1.1

Isicam Konfor	4+4	71	10	28	32	40	0.44	0.51	1.6	1.3	1.3	1.1
(TRC Ecosol #2) + (Clear Float)	6+6	69	10	25	38	37	0.43	0.49	1.6	1.3	1.3	1.1

- **Daylight Transmittance (%):** The ratio of the visible spectrum (light) that is transmitted through glass.
- **Daylight Reflectance (outdoor) (%):** The ratio of the visible spectrum (light) that is reflected outside by glass.
- **Solar Factor:** The percentage of total solar radiant heat energy entering the room through the glass. The lower solar factor means better solar control.
- **Shading Coefficient:** The ratio of solar factor of a particular glass type to the solar factor of 3 mm clear float glass, set in identical conditions. The lower shading coefficient means better solar control.
- **U value (W/m²K):** A measure of the rate of heat loss of a building component. The lower U value means better heat control and more comfort in winter.