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Performance Data for XIR-72-41 Laminated Insulating Glass Unit

Glass Configuration	Thickness mm	Visible Performance		Solar Energy		Shading Coefficient	Solar Transmittance	UV Transmittance %	Thermal Conductivity W/m ² K	Relative Heat Gain W/m ²	Sound Insulation db
		Transmittance %	Reflectance %	Transmittance %	Reflectance %						
XIR-72-41 Clear with Air Fill											
(5 CLR + XIR + 5 CLR) + 12AS + 5 CLR	27	64	14	33	27	0.39	0.34	0	2.65	266	38
(6 CLR + XIR + 6 CLR) + 12AS + 6 CLR	30	62	14	32	24	0.37	0.32	0	2.63	254	40
XIR-72-41 Green with Air Fill											
(5 GRN + XIR + 5 CLR) + 12AS + 5 CLR	27	52	13	26	25	0.42	0.37	0	2.65	216	38
(6 GRN + XIR + 6 CLR) + 12AS + 6 CLR	30	50	13	25	24	0.41	0.36	0	2.63	203	40
XIR-72-41 Ocean Blue with Air Fill											
(5 BLE + XIR + 5 CLR) + 12AS + 5 CLR	27	38	12	26	25	0.38	0.34	0	2.65	197	38
(6 BLE + XIR + 6 CLR) + 12AS + 6 CLR	30	41	12	25	24	0.38	0.33	0	2.63	185	40
XIR-72-41 Bronze with Air Fill											
(5 BR + XIR + 5 CLR) + 12AS + 5 CLR	27	33	12	23	25	0.37	0.32	0	2.65	185	38
(6 BR + XIR + 6 CLR) + 12AS + 6 CLR	30	28	12	21	24	0.36	0.31	0	2.63	172	40
XIR-72-41 Gray with Air Fill											
(5 GY + XIR + 5 CLR) + 12AS + 5 CLR	27	30	11	20	25	0.36	0.31	0	2.65	178	38
(6 GY + XIR + 6 CLR) + 12AS + 6 CLR	30	25	10	18	24	0.35	0.3	0	2.63	166	40

Remarks

U-Value: Btu/hr.ft² °F

K-Value: W/m² K

1W/m² K = 0.176 Btu/ hr.ft² .°F 1W/m² = 0.317 Btu/ hr.ft²

(RHG): W/m²

(K-Value): Tolerance ± 0.1 W / m².k

Tolerance ± 3%

* All performance data is calculated using Window 6.2.14, developed by Lawrence Berkeley Laboratories, with funding from the U.S. Dept. of Energy, copyright, Regents of the University of California (www.lbl.gov).

* For performance values with glass products not shown in this table, please contact the AJJ Glass Sales Department, sales@ajjglass.com.