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quality™

Performance Data for XIR-72-41 Laminated Glass

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											
5 CLR + XIR-72-41 + 5 CLR	10	72	9	31	32	0.48	0.42	0.03	5.58	346	37
6 CLR + XIR-72-41 + 6 CLR	12	71	9	30	29	0.47	0.41	0.03	5.53	339	39
8 CLR + XIR-72-41 + 8 CLR	16	70	9	29	29	0.46	0.4	0.02	5.42	332	41
XIR-72-41 Green											
5 GRN + XIR-72-41 + 5 CLR	10	60	8	24	30	0.42	0.37	0.03	5.58	308	37
6 GRN + XIR-72-41 + 6 CLR	12	59	8	23	29	0.41	0.36	0.03	5.53	301	39
8 GRN + XIR-72-41 + 8 CLR	16	58	8	20	27	0.39	0.34	0.02	5.42	288	41
XIR-72-41 Ocean Blue											
5 BLE + XIR-72-41 + 5 CLR	10	46	7	24	30	0.38	0.34	0.03	5.58	289	37
6 BLE + XIR-72-41 + 6 CLR	12	42	7	23	29	0.38	0.33	0.03	5.53	283	39
8 BLE + XIR-72-41 + 8 CLR	16	36	6	20	27	0.36	0.31	0.02	5.42	269	41
XIR-72-41 Bronze											
5 BR + XIR-72-41 + 5 CLR	10	41	7	21	30	0.37	0.32	0.03	5.58	277	37
6 BR + XIR-72-41 + 6 CLR	12	37	7	19	29	0.36	0.31	0.03	5.53	270	39
8 BR + XIR-72-41 + 8 CLR	16	31	6	16	27	0.34	0.3	0.02	5.42	256	41
XIR-72-41 Gray											
5 GY + XIR-72-41 + 5 CLR	10	38	6	18	30	0.36	0.31	0.03	5.58	270	37
6 GY + XIR-72-41 + 6 CLR	12	34	6	16	29	0.35	0.3	0.03	5.53	264	39
8 GY + XIR-72-41 + 8 CLR	16	30	6	14	27	0.33	0.29	0.02	5.42	250	41

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.