

Complex Glazing Database: Version 24.0

Shading Layers

Windows and Envelope Materials Group, Lawrence Berkeley National Laboratory; <https://windows.lbl.gov/software/cgdb>

Notes for Release 24.0:

ODL:

- 64 shading layers -- some replace older versions, some are new

Thermeshade:

- 1 shading layer that replaces the existing record

Alkenz

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
7000	Sunshadow 3000, N901 Charcoal		10		2011- SA31.XML	1	0.15	0.847	0.847	0.0661	0.0483	0.052	0.052	0.043	0.043	0.052	0.05	0.041	0.041
7001	Sunshadow 3100, N002 white/bone		10		2011- SA30.XML	1	0.15	0.785	0.785	0.128	0.0886	0.228	0.228	0.605	0.605	0.292	0.29	0.541	0.541
7002	Sunshadow 4000, N902 Charcoal/Bronze		10		2011- SA27.XML	1	0.15	0.815	0.815	0.0933	0.0700	0.073	0.073	0.062	0.062	0.079	0.08	0.072	0.072
7003	Sunshadow 4100, N301 Grey		10		2011- SA28.XML	1	0.15	0.785	0.785	0.1186	0.0649	0.08	0.08	0.314	0.314	0.108	0.11	0.305	0.305
7004	Sunshadow CA, CA02 White Moccasin		10		2011- SA29.XML	1	0.15	0.817	0.817	0.087	0.0768	0.208	0.208	0.666	0.666	0.255	0.26	0.609	0.609
7005	3000 NET 5% N901 Charcoal/Charcoal		10		Alkenz-Sunshadow 3000 NET 5 N901 Charcoal-Charcoal-SE01.xml	0.8	0.3	0.848	0.848	0.0662	0.0509	0.054	0.054	0.048	0.048	0.055	0.06	0.047	0.047

Alkenz

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7006	4000 NET 5% N901 Charcoal/Charcoal		10		Alkenz-Sunshadow 4000 NET 5 N901 Charcoal-Charcoal-SE02.xml	0.8	0.3	0.841	0.841	0.074	0.0566	0.060	0.060	0.044	0.044	0.061	0.06	0.042	0.042
7007	3000 NET 5% N001 White/White		10		Alkenz-Sunshadow 3000 NET 5 N001 White-White-SE03.xml	0.8	0.3	0.831	0.831	0.0877	0.0699	0.197	0.197	0.780	0.780	0.249	0.25	0.68	0.68
7008	4000 NET 5% N001 White/White		10		Alkenz-Sunshadow 4000 NET 5 N001 White-White-SE04.xml	0.8	0.3	0.843	0.843	0.074	0.0655	0.161	0.161	0.776	0.776	0.211	0.21	0.688	0.688
7009	3000 HT 5% HT01 White/White		10		Alkenz-Sunshadow 3000 HT 5 HT01 White-White-SE05.xml	0.8	0.3	0.835	0.835	0.0811	0.0579	0.204	0.204	0.761	0.761	0.254	0.25	0.671	0.671
7010	3000 HT 5% HT03 White/Light Gray		10		Alkenz-Sunshadow 3000 HT 5 HT03 White-Light Gray-SE06rev.xml	0.8	0.3	0.864	0.808	0.0864	0.0613	0.154	0.159	0.641	0.467	0.209	0.21	0.575	0.451
7011	3000 HT 5% HT09 White/Charcoal		10		Alkenz-Sunshadow 3000 HT 5 HT09 White-Charcoal-SE07rev.xml	0.8	0.3	0.86	0.863	0.0574	0.0584	0.078	0.085	0.511	0.153	0.084	0.09	0.427	0.126
7012	3000 NET 5% N901 Beige/Sable		10		Alkenz-Sunshadow 3000 NET 5 N901 Beige-Sable-SE08rev.xml	0.8	0.3	0.845	0.845	0.0741	0.0577	0.126	0.126	0.451	0.451	0.199	0.2	0.454	0.454
7013	4000 NET 5% N901 Beige/Sable		10		Alkenz-Sunshadow 4000 NET 5 N901 Beige-Sable-SE09.xml	0.8	0.3	0.834	0.834	0.081	0.062	0.107	0.107	0.446	0.446	0.169	0.17	0.448	0.448
7014	3000 CA 3% CA01 White/Floral White		10		Alkenz-Sunshadow 3000 CA 3 CA01 White-Floral White-SE10.xml	0.8	0.3	0.851	0.851	0.0663	0.0471	0.217	0.217	0.768	0.768	0.265	0.26	0.677	0.677
7015	3000 NET 1% N001 White/White		10		Alkenz-Sunshadow 3000 NET 1 N001 White-White-SE11.xml	0.8	0.3	0.895	0.895	0.0333	0.0016	0.124	0.124	0.845	0.845	0.175	0.17	0.740	0.740
7016	3000 NET 3% N001 White/White		10		Alkenz-Sunshadow 3000 NET 3 N001 White-White-SE12.xml	0.8	0.3	0.839	0.839	0.0813	0.0375	0.156	0.156	0.813	0.813	0.208	0.21	0.711	0.711
7017	3000 NET 5% N001 White/White		10		Alkenz-Sunshadow 3000 NET 5 N001 White-White-SE13.xml	0.8	0.3	0.864	0.864	0.0668	0.0562	0.179	0.179	0.789	0.789	0.230	0.23	0.69	0.69

Alkenz

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7018	3000 NET 10% N001 White/White		10		Alkenz-Sunshadow 3000 NET 10 N001 White-White-SE14.xml	0.8	0.3	0.825	0.825	0.1111	0.0896	0.218	0.218	0.759	0.759	0.268	0.27	0.661	0.661
7019	3000 HT 3% HT01 White/White		10		Alkenz-Sunshadow 3000 HT 3 HT01 White-White-SE15.xml	0.8	0.3	0.93	0.93	0.0001	0.0397	0.175	0.175	0.766	0.766	0.224	0.22	0.677	0.677
7020	3000 HT 5% HT01 White/White		10		Alkenz-Sunshadow 3000 HT 5 HT01 White-White-SE16.xml	0.8	0.3	0.880	0.880	0.0581	0.0451	0.19	0.19	0.769	0.769	0.245	0.25	0.673	0.673
7021	VIEW R 15% R103 White/Gray		10		Alkenz-Sunshadow VIEW R 15 R103 White-Gray-SE17.xml	0.8	0.3	0.748	0.748	0.1995	0.1729	0.232	0.232	0.511	0.511	0.262	0.26	0.455	0.455
7022	4700 P Q 1% P012 White/Beige/Beige		10		Alkenz-Sunshadow 4700 P Q 1 P012 White-Beige-Beige-SE18.xml	0.8	0.3	0.917	0.917	0.0001	0.0005	0.102	0.102	0.691	0.691	0.16	0.16	0.623	0.623
7023	4700 P Q 1% Q001 White/Cream/Alabaster Beige		10		Alkenz-Sunshadow 4700 P Q 1 Q001 White-Cream-Alabaster Beige-SE19rev.xml	0.8	0.3	0.813	0.813	0.0931	0.0005	0.124	0.131	0.769	0.729	0.171	0.18	0.681	0.657
7024	4000 NET 3% N001 White/White		10		Alkenz-Sunshadow 4000 NET 3 N001 White-White-SE20.xml	0.8	0.3	0.833	0.833	0.0655	0.0576	0.151	0.151	0.78	0.78	0.199	0.2	0.693	0.693
7025	Sunshadow - 3000 CA 3 CA09 Charcoal/Charcoal		10		SE56.xml	0.8	0.12	0.849	0.849	0.0743	0.0507	0.054	0.054	0.043	0.043	0.055	0.05	0.042	0.042
7026	Sunshadow - 3000 NET 1 N901 Charcoal/Charcoal		10		SE57.xml	0.8	0.12	0.866	0.866	0.0577	7E-05	1E-04	1E-04	0.045	0.045	0.0001	0.0001	0.044	0.044
7027	Sunshadow - 3000 NET 10 N901 Charcoal/Charcoal		10		SE58.xml	0.8	0.12	0.847	0.847	0.0817	0.0954	0.100	0.100	0.043	0.043	0.101	0.10	0.042	0.042
7028	Sunshadow - 3000 HT 5 HT09 White/Charcoal		10		SE59.xml	0.8	0.12	0.829	0.830	0.0909	0.0737	0.113	0.1	0.162	0.501	0.115	0.10	0.155	0.481

Alkenz

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7029	Sunshadow - VIEW R 15 R900 Charcoal/Charcoal		10		SE60.xml	0.8	0.12	0.734	0.734	0.1912	0.1508	0.156	0.156	0.036	0.036	0.156	0.16	0.036	0.036

CHANGSHU HIGH-TECH ENERG

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
27500	White miniblind, Open		12																
27501	White miniblind, Closed		12																
27502	White miniblind, 45		12																
27503	Tan miniblind, Open		12																
27504	Tan miniblind, Closed		12																
27505	Tan miniblind, 45		12																

Ferrari Textiles Corporation

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
9000	Precontraint 502, 8861 - Vanilla		10		2011-SA41.XML	1	0.15	0.894	0.894	0.0002	7E-05	0.03	0.03	3.186	3.186	0.09	0.09	0.644	0.644
9001	Soltis 86, 2002 - Sand		10		2011-SA40.XML	1	0.15	0.716	0.716	0.2078	0.1345	0.208	0.208	0.463	0.463	0.255	0.25	0.476	0.476
9002	Soltis 92, 2002 - Sand		10		2011-SA39.XML	1	0.15	0.801	0.801	0.1147	0.0569	0.130	0.130	0.536	0.536	0.185	0.19	0.543	0.543
9003	Soltis 93, 3002 - Sand		10		2011-SA38.XML	1	0.15	0.837	0.837	0.0739	0.0355	0.1	0.1	0.546	0.546	0.157	0.16	0.561	0.561

Ferrari Textiles Corporation

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9004	Soltis B92N, 1043 - Bronze		10		2011-SA37.XML	1	0.15	0.828	0.828	0.0001	0	2E-05	2E-05	0.293	0.293	0	0	0.132	0.132

Flexo

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
13000	Flexo 4003		20	@	13000 Flexo 4003.xml	0.5	0.12	0.533	0.536	0.152	0.0232	0.492	0.51	0.468	0.472	0.485	0.50	0.456	0.460
13001	Flexo 4004		20	@	13001 Flexo 4004.xml	0.4	0.12	0.459	0.618	0.164	0.0254	0.506	0.513	0.456	0.47	0.5	0.51	0.444	0.457
13002	Flexo 4005		20	@	13002 Flexo 4005.xml	0.5	0.12	0.537	0.571	0.156	0.0187	0.473	0.466	0.507	0.514	0.471	0.46	0.489	0.499
13003	Flexo 4006		20	@	13003 Flexo 4006.xml	0.3	0.12	0.745	0.775	0	0	0.0001	0.0001	0.784	0.85	0.0002	0.0002	0.771	0.844
13004	Flexo 4008		20	@	13004 Flexo 4008.xml	0.3	0.12	0.745	0.763	0	0	0.0002	0.0002	0.785	0.859	0.0003	0.0003	0.774	0.853
13005	Flexo 4020		20	@	13005 Flexo 4020.xml	0.2	0.12	0.812	0	0.031	0	0.0003	0.0002	0.782	0.901	0.0003	0.0002	0.768	0.910
13006	Flexo 4021		20	@	13006 Flexo 4021.xml	0.2	0.12	0.798	0.027	0	0	0.0002	0.0001	0.779	0.900	0.0002	0.0002	0.767	0.91
13007	Flexo 4022		20	@	13007 Flexo 4022.xml	0.1	0.12	0.762	0.028	0	0	0.0004	0.0003	0.79	0.902	0.0005	0.0004	0.766	0.910
13008	Flexo 4023		20	@	13008 Flexo 4023.xml	0.1	0.12	0.789	0.022	0	0	0.0002	0.0002	0.776	0.906	0.0003	0.0002	0.765	0.914
13009	Flexo 4033-1		20	@	13009 Flexo 4033 - 1.xml	0.6	0.12	0.628	0.541	0.141	0.0204	0.496	0.503	0.496	0.485	0.488	0.5	0.480	0.467

Flexo

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
13010	Flexo 4033-2		20	@	13010 Flexo 4033 - 2.xml	0.1	0.12	0.642	0.642	0.206	0.0138	0.556	0.570	0.419	0.421	0.555	0.57	0.400	0.404
13011	Flexo 4039-1		20	@	13011 Flexo 4039 - 1.xml	0.7	0.12	0.723	0.746	0	0	4E-05	4E-05	0.788	0.805	0.0001	1E-04	0.765	0.786
13012	Flexo 4039-2		20	@	13012 Flexo 4039 - 2.xml	0.1	0.12	0.669	0.669	0.169	0.0210	0.502	0.51	0.48	0.466	0.511	0.52	0.444	0.439
13013	Flexo 4041		20	@	13013 Flexo 4041.xml	0.2	0.12	0.664	0.7	0.128	0.0062	0.457	0.479	0.518	0.514	0.453	0.47	0.5	0.497
13014	Flexo 4043		20	@	13014 Flexo 4043.xml	0.2	0.12	0.654	0.693	0.138	0.0069	0.463	0.473	0.505	0.504	0.458	0.47	0.488	0.488
13015	Flexo 4051		20	@	13015 Flexo 4051.xml	0.4	0.12	0.566	0.567	0.193	0.0712	0.588	0.582	0.398	0.407	0.586	0.58	0.387	0.395

Generic

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1	Venetian A0	Diffusing Shade	1																
2	Venetian A45	BSDF File	1																
3	Venetian A90	Woven Shade	1																
4	Venetian B0	Fritted Glass	1																
5	Venetian B45	Vert Louver	1																

Generic

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}	
6	Venetian B90	Perforated Screen	1																	
7	Venetian C0	Cellular Shade	1																	
8	Venetian C45		1																	
9	Venetian C80		1																	
10	Venetian C90		1																	
11	Venetian D0		1																	
12	Venetian D45		1																	
13	Venetian D90		1																	
15	Diffusing Shade		1																	
16	WINDAT Shade with Spectral Data		1																	
17	White Frit		1																	
19	Woven shade. Gray. 25% open area		1																	
20	Off White Blind 24 mm slat at 45 degrees		1																	
21	Dark Blue Blind 24 mm slat at 45 degrees		1																	

Generic

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}	
22	Clear Frit (no pigment)		1																	
23	Woven shade. Gray. 3% open area		1																	
24	Woven shade. Gray. 10% open area		1																	
28	Perforated screen. 8.7% open area		1																	
29	1" horizontal VB (white) - 45 deg		1																	
30	3" horizontal VB (white) - 45 deg		1																	
31	3" vertical VB (white) - 0 deg (open)		1																	
32	0.4" inbetween VB (white) - 45 deg		1																	
50	Cellular Shade. Single cell, light color		10		ID50_CS.thmx	0.02		0.806	0.806	0.0083	0	0.225	0.225	0.659	0.66	0.218	0.22	0.632	0.632	
51	Cellular Shade. Stacked double cell, light color		10		ID51_CS.thmx	0.02		0.79	0.79	0.0003	0	0.06	0.06	0.68	0.679	0.057	0.06	0.653	0.651	
52	Cellular Shade. cell-in- cell, light color		10		ID52_CS.thmx	0.04		0.876	0.875	0.0003	0.0086	0.038	0.037	0.547	0.548	0.038	0.04	0.506	0.508	
53	Cellular Shade. Single cell, blackout, low-e		10		ID53_CS.thmx	0.04		0.905	0.905	1E-05	0	0	0	0.568	0.567	0	0	0.554	0.553	

Generic

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54	Cellular Shade. Single cell, light color, sheer		10		ID54_CS.thmx	0.03		0.668	0.668	0.2031	0.59	0.558	0.557	0.392	0.392	0.561	0.56	0.383	0.383

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10001	Firesist, Sand 82006		10		2011-SA55.XML	1	0.15	0.835	0.835	0.0459	0.0001	0.024	0.024	0.29	0.29	0.054	0.05	0.327	0.327
10002	Firesist, Black 82008		10		2011-SA85.XML	1	0.15	0.896	0.896	0.0002	0.0002	5E-06	5E-06	0.038	0.038	0	0	0.042	0.042
10003	Sunbrella awning, Black 4608		10		2011-SA45.XML	1	0.15	0.835	0.835	0.0565	0	2E-05	2E-05	0.022	0.022	9E-06	9E-06	0.021	0.021
10004	Sunbrella awning, Taupe 4648		10		2011-SA46.XML	1	0.15	0.764	0.764	0.0438	4E-06	0.0009	0.0009	0.149	0.149	0.005	0.005	0.19	0.19
10005	Sunbrella awning, Heather Beige 4672		10		2011-SA47.XML	1	0.15	0.805	0.805	0.0002	3E-05	0.008	0.008	0.245	0.245	0.034	0.03	0.323	0.323
10006	Sunbrella awning, Brass 4658		10		2011-SA48.XML	1	0.15	0.76	0.76	0.0626	6E-05	0.011	0.011	0.239	0.239	0.038	0.04	0.305	0.305
10007	Sunbrella awning, Oyster 4642		10		2011-SA49.XML	1	0.15	0.771	0.771	0.0441	0.0002	0.137	0.137	0.562	0.562	0.18	0.18	0.608	0.608
10008	Sunbrella awning, Natural 4604		10		2011-SA50.XML	1	0.15	0.79	0.79	6E-05	0.0013	0.207	0.207	0.684	0.684	0.21	0.21	0.676	0.676
10009	Sunbrella awning, Linen 4633		10		2011-SA51.XML	1	0.15	0.781	0.781	0.0311	0.0002	0.033	0.033	0.371	0.371	0.125	0.12	0.52	0.52
10010	Sunbrella awning, Cadet Gray 4630		10		2011-SA52.XML	1	0.15	0.761	0.761	0.0437	6E-05	0.011	0.011	0.277	0.277	0.118	0.12	0.479	0.479

Glen Raven

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10011	Sunbrella awning, Green 4637		10		2011-SA53.XML	1	0.15	0.837	0.837	0.0002	7E-06	7E-06	7E-06	0.042	0.042	0.0003	0.0003	0.074	0.074
10012	Sunbrella awning, Dubonnet Tweed 4606		10		2011-SA54.XML	1	0.15	0.861	0.861	0.0009	0	0.0002	0.0002	0.044	0.044	0.011	0.01	0.124	0.124
10013	Sunbrella shade, Black 4608		10		2011-SA57.XML	1	0.15	0.835	0.835	0.0565	0	6E-06	6E-06	0.024	0.024	2E-05	2E-05	0.024	0.024
10014	Sunbrella shade, Ebony 318		10		2011-SA58.XML	1	0.15	0.802	0.802	0.0643	0.0231	0.041	0.041	0.062	0.062	0.046	0.05	0.075	0.075
10015	Sunbrella shade, Eggshell 173		10		2011-SA56.XML	1	0.15	0.704	0.704	0.0867	0.0251	0.284	0.284	0.559	0.559	0.301	0.30	0.569	0.569
10016	Sunvision Ecru		10		2014-SC39.XML	0.7	0.15	0.669	0.669	0.1831	0.1391	0.345	0.345	0.590	0.590	0.364	0.36	0.559	0.559
10017	Sunvision Ardoise		10		2014-SC40.XML	0.7	0.15	0.685	0.685	0.1655	0.1088	0.144	0.144	0.079	0.079	0.155	0.16	0.097	0.097
10018	Sunvision Perle		10		2014-SC41.XML	0.7	0.15	0.657	0.657	0.1817	0.1043	0.189	0.189	0.243	0.243	0.222	0.22	0.255	0.255
10020	SWN-M005		17		Dickson-Glen Raven SWN-M005-SE33.xml	0.8	0.3	0.733	0.733	0.1944	0.1371	0.291	0.291	0.678	0.678	0.311	0.31	0.609	0.609
10021	SWN-M652		17		Dickson-Glen Raven SWN-M652-SE34.xml	0.8	0.3	0.731	0.731	0.1974	0.1296	0.155	0.155	0.245	0.245	0.17	0.17	0.234	0.234
10022	SWK M005		17		Dickson-Glen Raven SWK-M005-SE35.xml	0.8	0.3	0.819	0.819	0.0804	0.0601	0.263	0.263	0.715	0.715	0.291	0.29	0.642	0.642
10023	SWK M391		17		Dickson-Glen Raven SWK-M391-SE36.xml	0.8	0.3	0.743	0.743	0.1647	0.0641	0.067	0.067	0.058	0.058	0.068	0.07	0.056	0.056

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10024	SWK M654		17		Dickson-Glen Raven SWK-M654-SE37.xml	0.8	0.3	0.803	0.803	0.1042	0.0601	0.155	0.155	0.508	0.508	0.189	0.19	0.465	0.465
10025	SWC M005		17		Dickson-Glen Raven SWC-M005-SE38.xml	0.8	0.3	0.856	0.856	0.044	0.0285	0.279	0.279	0.687	0.687	0.299	0.3	0.623	0.623
10026	SWC M392		17		Dickson-Glen Raven SWC-M392-SE39.xml	0.8	0.3	0.888	0.838	0.0232	0.0282	0.056	0.054	0.074	0.092	0.056	0.05	0.070	0.087
10027	SWC M654		17		Dickson-Glen Raven SWC-M654-SE54.xml	0.8	0.3	0.853	0.848	0.0464	0.0297	0.149	0.159	0.5	0.489	0.179	0.19	0.471	0.463
10028	SWN M654		17		Dickson-Glen Raven SWN-M654-SE55.xml	0.8	0.3	0.722	0.718	0.2021	0.1489	0.200	0.196	0.463	0.451	0.221	0.22	0.422	0.41
10030	FF 12003-0001		17		FF 12003-0001.xml	1.0	0.15	0.588	0.614	0.108	0.0115	0.081	0.081	0.794	0.736	0.116	0.12	0.762	0.739
10031	FF 12003-0002		17		FF 12003-0002.xml	1.0	0.15	0.628	0.649	0.079	0.0075	0.042	0.042	0.702	0.554	0.057	0.06	0.655	0.535
10032	FF 12003-0003		17		FF 12003-0003.xml	1.0	0.15	0.608	0.634	0.103	0.0097	0.033	0.033	0.334	0.412	0.04	0.04	0.322	0.416
10033	FF 12003-0004		17		FF 12003-0004.xml	1.0	0.15	0.607	0.615	0.091	0.0077	0.021	0.021	0.28	0.274	0.023	0.02	0.272	0.273
10034	FF 12004-0001		17		FF 12004-0001.xml	1.0	0.15	0.595	0.59	0.119	0.0333	0.130	0.130	0.767	0.720	0.162	0.16	0.731	0.713
10035	FF 12004-0002		17		FF 12004-0002.xml	1.0	0.15	0.653	0.637	0.087	0.0224	0.076	0.076	0.69	0.564	0.091	0.09	0.644	0.541
10036	FF 12004-0003		17		FF 12004-0003.xml	1.0	0.15	0.599	0.606	0.123	0.0199	0.056	0.056	0.316	0.374	0.063	0.06	0.306	0.381

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
10037	FF 12004-0004		17		FF 12004-0004.xml	1.0	0.15	0.621	0.601	0.109	0.0226	0.046	0.046	0.278	0.273	0.050	0.05	0.269	0.27
10038	FF 12005-0001		17		FF 12005-0001.xml	1.0	0.15	0.596	0.62	0.133	0.047	0.152	0.152	0.753	0.700	0.183	0.18	0.717	0.695
10039	FF 12005-0002		17		FF 12005-0002.xml	1.0	0.15	0.629	0.651	0.107	0.0449	0.112	0.112	0.682	0.559	0.128	0.13	0.637	0.534
10040	FF 12005-0003		17		FF 12005-0003.xml	1.0	0.15	0.592	0.611	0.148	0.0499	0.099	0.099	0.299	0.371	0.105	0.10	0.29	0.373
10041	FF 12005-0004		17		FF 12005-0004.xml	1.0	0.15	0.625	0.6	0.127	0.0408	0.071	0.071	0.267	0.284	0.074	0.07	0.257	0.283
10042	FF 12006-0001		17		FF 12006-0001.xml	1	0.15	0.624	0.587	0.14	0.0972	0.208	0.208	0.708	0.675	0.236	0.24	0.671	0.657
10043	FF 12006-0002		17		FF 12006-0002.xml	1	0.15	0.63	0.633	0.147	0.0997	0.184	0.184	0.682	0.571	0.202	0.20	0.636	0.542
10044	FF 12006-0003		17		FF 12006-0003.xml	1	0.15	0.634	0.625	0.157	0.0958	0.149	0.149	0.277	0.335	0.155	0.16	0.268	0.334
10045	FF 12006-0004		17		FF 12006-0004.xml	1	0.15	0.658	0.629	0.14	0.0732	0.114	0.114	0.250	0.257	0.118	0.12	0.242	0.257
10046	FF 4401-0000		17		FF 4401-0000.xml	0.7	0.15	0.773	0.773	0.044	0.0185	0.112	0.112	0.566	0.566	0.146	0.15	0.538	0.538
10047	FF 4401-0001		17		FF 4401-0001.xml	0.7	0.15	0.77	0.77	0.046	0.0147	0.055	0.055	0.3	0.3	0.063	0.06	0.291	0.291
10048	FF 4401-0002		17		FF 4401-0002.xml	0.7	0.15	0.743	0.743	0.053	0.0290	0.109	0.109	0.170	0.170	0.133	0.13	0.199	0.199

Glen Raven

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10049	FF 4401-0003		17		FF 4401-0003.xml	0.7	0.15	0.8	0.8	0.036	0.0140	0.017	0.017	0.054	0.054	0.02	0.02	0.059	0.059
10050	FF 4401-0004		17		FF 4401-0004.xml	0.7	0.15	0.757	0.757	0.058	0.019	0.133	0.133	0.249	0.249	0.158	0.16	0.286	0.286
10051	FF 4401-0005		17		FF 4401-0005.xml	0.7	0.15	0.747	0.747	0.062	0.0241	0.118	0.118	0.188	0.188	0.138	0.14	0.218	0.218
10052	FF 4401-0006		17		FF 4401-0006.xml	0.7	0.15	0.788	0.788	0.038	0.0195	0.033	0.033	0.066	0.066	0.051	0.05	0.1	0.1
10053	FF 4401-0007		17		FF 4401-0007.xml	0.7	0.15	0.752	0.752	0.065	0.0193	0.049	0.049	0.087	0.087	0.086	0.09	0.166	0.166
10054	FF 4600-0000		17		FF 4600-0000.xml	0.6	0.15	0.71	0.71	0.068	2E-09	0.0003	0.0003	0.104	0.104	0.010	0.01	0.173	0.173
10055	FF 4601-0000		17		FF 4601-0000.xml	0.6	0.15	0.648	0.648	0.108	8E-07	0.0004	0.0004	0.06	0.06	0.086	0.09	0.321	0.321
10056	FF 4602-0000		17		FF 4602-0000.xml	0.6	0.15	0.653	0.653	0.126	0.0004	0.117	0.117	0.503	0.503	0.195	0.2	0.577	0.577
10057	FF 4603-0000		17		FF 4603-0000.xml	0.6	0.15	0.704	0.704	0.042	7E-06	0.002	0.002	0.09	0.09	0.133	0.13	0.456	0.456
10058	FF 4604-0000		17		FF 4604-0000.xml	0.6	0.15	0.686	0.686	0.041	0.0008	0.236	0.236	0.676	0.676	0.246	0.25	0.684	0.684
10059	FF 4605-0000		17		FF 4605-0000.xml	0.6	0.15	0.765	0.765	0.044	0	5E-05	5E-05	0.051	0.051	0.002	0.002	0.070	0.070
10060	FF 4606-0000		17		FF 4606-0000.xml	0.6	0.15	0.756	0.756	0.043	6E-07	0.0002	0.0002	0.044	0.044	0.013	0.01	0.120	0.120

Glen Raven

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10061	FF 4607-0000		17		FF 4607-0000.xml	0.6	0.15	0.742	0.742	0.029	2E-06	0.003	0.003	0.095	0.095	0.015	0.01	0.123	0.123
10062	FF 4608-0000		17		FF 4608-0000.xml	0.6	0.15	0.776	0.776	0.03	0	0	0	0.021	0.021	0.0001	0.0001	0.022	0.022
10063	FF 4609-0000		17		FF 4609-0000.xml	0.6	0.15	0.616	0.616	0.134	0.0001	0.032	0.032	0.249	0.249	0.168	0.17	0.534	0.534
10064	FF 4610-0000		17		FF 4610-0000.xml	0.6	0.15	0.701	0.701	0.045	0	0.0004	0.0004	0.107	0.107	0.035	0.03	0.258	0.258
10065	FF 4612-0000		17		FF 4612-0000.xml	0.6	0.15	0.747	0.747	0.029	6E-05	0.019	0.019	0.252	0.252	0.108	0.11	0.418	0.418
10066	FF 4614-0000		17		FF 4614-0000.xml	0.6	0.15	0.746	0.746	0.029	7E-07	0.0006	0.0006	0.116	0.116	0.004	0.004	0.162	0.162
10067	FF 4615-0000		17		FF 4615-0000.xml	0.6	0.15	0.734	0.734	0.059	7E-07	0.001	0.001	0.123	0.123	0.001	0.001	0.123	0.123
10068	FF 4616-0000		17		FF 4616-0000.xml	0.6	0.15	0.728	0.728	0.043	0.0001	0.034	0.034	0.252	0.252	0.043	0.04	0.292	0.292
10069	FF 4617-0000		17		FF 4617-0000.xml	0.6	0.15	0.73	0.73	0.053	1E-09	0.0004	0.0004	0.044	0.044	0.02	0.02	0.132	0.132
10070	FF 4618-0000		17		FF 4618-0000.xml	0.6	0.15	0.764	0.764	0.03	5E-09	4E-05	4E-05	0.047	0.047	0.0002	0.0002	0.054	0.054
10071	FF 4620-0000		17		FF 4620-0000.xml	0.6	0.15	0.682	0.682	0.074	2E-06	0.002	0.002	0.179	0.179	0.023	0.02	0.258	0.258
10072	FF 4621-0000		17		FF 4621-0000.xml	0.6	0.15	0.746	0.746	0.053	1E-09	0	0	0.039	0.039	0.0001	0.0001	0.063	0.063

Glen Raven

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10073	FF 4622-0000		17		FF 4622-0000.xml	0.6	0.15	0.744	0.744	0.043	1E-08	7E-05	7E-05	0.084	0.084	0.008	0.008	0.199	0.199
10074	FF 4623-0000		17		FF 4623-0000.xml	0.6	0.15	0.687	0.687	0.067	2E-09	0.003	0.003	0.165	0.165	0.093	0.09	0.363	0.363
10075	FF 4624-0000		17		FF 4624-0000.xml	0.6	0.15	0.718	0.718	0.042	3E-06	0.003	0.003	0.153	0.153	0.117	0.12	0.399	0.399
10076	FF 4626-0000		17		FF 4626-0000.xml	0.6	0.15	0.72	0.72	0.069	0	0	0	0.028	0.028	0.0003	0.0003	0.058	0.058
10077	FF 4628-0000		17		FF 4628-0000.xml	0.6	0.15	0.709	0.709	0.047	9E-06	0.008	0.008	0.271	0.271	0.120	0.12	0.472	0.472
10078	FF 4630-0000		17		FF 4630-0000.xml	0.6	0.15	0.714	0.714	0.036	8E-05	0.018	0.018	0.267	0.267	0.141	0.14	0.455	0.455
10079	FF 4631-0000		17		FF 4631-0000.xml	0.6	0.15	0.748	0.748	0.029	6E-10	9E-06	9E-06	0.042	0.042	0.094	0.09	0.365	0.365
10080	FF 4632-0000		17		FF 4632-0000.xml	0.6	0.15	0.753	0.753	0.029	3E-10	0	0	0.034	0.034	0.011	0.01	0.120	0.120
10081	FF 4633-0000		17		FF 4633-0000.xml	0.6	0.15	0.703	0.703	0.052	0.0001	0.049	0.049	0.391	0.391	0.161	0.16	0.535	0.535
10082	FF 4634-0000		17		FF 4634-0000.xml	0.6	0.15	0.711	0.711	0.052	0.0005	0.15	0.15	0.765	0.765	0.192	0.19	0.721	0.721
10083	FF 4635-0000		17		FF 4635-0000.xml	0.6	0.15	0.72	0.72	0.042	0.0005	0.156	0.156	0.55	0.55	0.208	0.21	0.598	0.598
10084	FF 4636-0000		17		FF 4636-0000.xml	0.6	0.15	0.704	0.704	0.046	1E-04	0.022	0.022	0.277	0.277	0.036	0.04	0.305	0.305

Glen Raven

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10085	FF 4637-0000		17		FF 4637-0000.xml	0.6	0.15	0.722	0.722	0.042	0	3E-06	3E-06	0.04	0.04	0.0005	0.0005	0.076	0.076
10086	FF 4640-0000		17		FF 4640-0000.xml	0.6	0.15	0.738	0.738	0.062	6E-10	0	0	0.030	0.030	0.0002	0.0002	0.065	0.065
10087	FF 4641-0000		17		FF 4641-0000.xml	0.6	0.15	0.739	0.739	0.029	6E-10	0.0001	0.0001	0.084	0.084	0.099	0.1	0.357	0.357
10088	FF 4642-0000		17		FF 4642-0000.xml	0.6	0.15	0.674	0.674	0.076	0.0005	0.161	0.161	0.575	0.575	0.214	0.21	0.634	0.634
10089	FF 4643-0000		17		FF 4643-0000.xml	0.6	0.15	0.732	0.732	0.043	2E-10	0.0008	0.0008	0.089	0.089	0.077	0.08	0.299	0.299
10090	FF 4644-0000		17		FF 4644-0000.xml	0.6	0.15	0.742	0.742	0.029	3E-09	0.0003	0.0003	0.117	0.117	0.002	0.002	0.155	0.155
10091	FF 4645-0000		17		FF 4645-0000.xml	0.6	0.15	0.744	0.744	0.029	2E-05	0.001	0.001	0.106	0.106	0.036	0.04	0.218	0.218
10092	FF 4646-0000		17		FF 4646-0000.xml	0.6	0.15	0.741	0.741	0.029	0	0	0	0.025	0.025	0.0003	0.0003	0.066	0.066
10093	FF 4648-0000		17		FF 4648-0000.xml	0.6	0.15	0.721	0.721	0.029	2E-08	0.0007	0.0007	0.143	0.143	0.005	0.005	0.189	0.189
10094	FF 4651-0000		17		FF 4651-0000.xml	0.6	0.15	0.685	0.685	0.069	0.0004	0.131	0.131	0.532	0.532	0.192	0.19	0.606	0.606
10095	FF 4652-0000		17		FF 4652-0000.xml	0.6	0.15	0.718	0.718	0.042	1E-06	0.0002	0.0002	0.065	0.065	0.091	0.09	0.331	0.331
10096	FF 4653-0000		17		FF 4653-0000.xml	0.6	0.15	0.694	0.694	0.052	3E-10	6E-05	6E-05	0.047	0.047	0.027	0.03	0.176	0.176

Glen Raven

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10097	FF 4654-0000		17		FF 4654-0000.xml	0.6	0.15	0.719	0.719	0.052	7E-05	0.016	0.016	0.193	0.193	0.045	0.05	0.255	0.255
10098	FF 4655-0000		17		FF 4655-0000.xml	0.6	0.15	0.642	0.642	0.121	3E-10	0	0	0.032	0.032	0.066	0.07	0.262	0.262
10099	FF 4658-0000		17		FF 4658-0000.xml	0.6	0.15	0.723	0.723	0.029	6E-05	0.012	0.012	0.254	0.254	0.042	0.04	0.327	0.327
10100	FF 4659-0000		17		FF 4659-0000.xml	0.6	0.15	0.757	0.757	0.029	3E-08	0.0002	0.0002	0.053	0.053	0.002	0.002	0.072	0.072
10101	FF 4660-0000		17		FF 4660-0000.xml	0.6	0.15	0.698	0.698	0.056	0.0003	0.087	0.087	0.444	0.444	0.164	0.16	0.549	0.549
10102	FF 4661-0000		17		FF 4661-0000.xml	0.6	0.15	0.734	0.734	0.053	9E-07	0.004	0.004	0.128	0.128	0.050	0.05	0.271	0.271
10103	FF 4662-0000		17		FF 4662-0000.xml	0.6	0.15	0.736	0.736	0.029	0.0001	0.038	0.038	0.327	0.327	0.040	0.04	0.329	0.329
10104	FF 4663-0000		17		FF 4663-0000.xml	0.6	0.15	0.668	0.668	0.066	2E-08	0.0002	0.0002	0.076	0.076	0.115	0.11	0.384	0.384
10105	FF 4664-0000		17		FF 4664-0000.xml	0.6	0.15	0.72	0.72	0.038	0.0003	0.087	0.087	0.472	0.472	0.161	0.16	0.567	0.567
10106	FF 4665-0000		17		FF 4665-0000.xml	0.6	0.15	0.717	0.717	0.042	2E-09	2E-05	2E-05	0.040	0.040	0.098	0.1	0.349	0.349
10107	FF 4666-0000		17		FF 4666-0000.xml	0.6	0.15	0.721	0.721	0.042	2E-05	0.007	0.007	0.105	0.105	0.123	0.12	0.399	0.399
10108	FF 4667-0000		17		FF 4667-0000.xml	0.6	0.15	0.767	0.767	0.017	1E-09	3E-06	3E-06	0.054	0.054	0.0005	0.0005	0.099	0.099

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
10109	FF 4668-0000		17		FF 4668-0000.xml	0.6	0.15	0.722	0.722	0.029	3E-05	0.006	0.006	0.224	0.224	0.120	0.12	0.438	0.438
10110	FF 4669-0000		17		FF 4669-0000.xml	0.6	0.15	0.722	0.722	0.029	6E-05	0.015	0.015	0.215	0.215	0.12	0.12	0.431	0.431
10111	FF 4671-0000		17		FF 4671-0000.xml	0.6	0.15	0.731	0.731	0.019	2E-10	0.0001	0.0001	0.098	0.098	0.001	0.001	0.125	0.125
10112	FF 4672-0000		17		FF 4672-0000.xml	0.6	0.15	0.722	0.722	0.053	2E-05	0.007	0.007	0.238	0.238	0.038	0.04	0.318	0.318
10113	FF 4673-0000		17		FF 4673-0000.xml	0.6	0.15	0.731	0.731	0.043	6E-05	0.011	0.011	0.244	0.244	0.124	0.12	0.443	0.443
10114	FF 4674-0000		17		FF 4674-0000.xml	0.6	0.15	0.711	0.711	0.042	0.0002	0.033	0.033	0.349	0.349	0.151	0.15	0.517	0.517
10115	FF 4675-0000		17		FF 4675-0000.xml	0.6	0.15	0.715	0.715	0.042	2E-05	0.005	0.005	0.156	0.156	0.118	0.12	0.415	0.415
10116	FF 4676-0000		17		FF 4676-0000.xml	0.6	0.15	0.707	0.707	0.042	1E-08	0.0001	0.0001	0.118	0.118	0.003	0.003	0.171	0.171
10117	FF 4677-0000		17		FF 4677-0000.xml	0.6	0.15	0.702	0.702	0.05	2E-05	0.005	0.005	0.204	0.204	0.117	0.12	0.471	0.471
10118	FF 4678-0000		17		FF 4678-0000.xml	0.6	0.15	0.681	0.681	0.08	4E-09	2E-05	2E-05	0.033	0.033	0.002	0.002	0.101	0.101
10119	FF 4679-0000		17		FF 4679-0000.xml	0.6	0.15	0.722	0.722	0.029	8E-09	3E-05	3E-05	0.039	0.039	0.017	0.02	0.199	0.199
10120	FF 4683-0000		17		FF 4683-0000.xml	0.6	0.15	0.713	0.713	0.029	0.0004	0.133	0.133	0.548	0.548	0.197	0.2	0.614	0.614

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
10121	FF 4684-0000		17		FF 4684-0000.xml	0.6	0.15	0.777	0.777	0.03	5E-10	5E-05	5E-05	0.040	0.040	0.0001	0.0001	0.042	0.042
10122	FF 4685-0000		17		FF 4685-0000.xml	0.6	0.15	0.725	0.725	0.029	2E-05	0.005	0.005	0.257	0.257	0.098	0.1	0.397	0.397
10123	FF 4686-0000		17		FF 4686-0000.xml	0.6	0.15	0.743	0.743	0.029	0	9E-05	9E-05	0.113	0.113	0.006	0.006	0.202	0.202
10124	FF 4688-0000		17		FF 4688-0000.xml	0.6	0.15	0.728	0.728	0.029	5E-06	0.004	0.004	0.205	0.205	0.016	0.02	0.251	0.251
10125	FF 4689-0000		17		FF 4689-0000.xml	0.6	0.15	0.729	0.729	0.043	8E-06	0.002	0.002	0.135	0.135	0.036	0.04	0.296	0.296
10126	FF 4695-0000		17		FF 4695-0000.xml	0.6	0.15	0.711	0.711	0.051	0.0001	0.026	0.026	0.287	0.287	0.055	0.05	0.350	0.350
10127	FF 4696-0000		17		FF 4696-0000.xml	0.6	0.15	0.746	0.746	0.019	8E-06	0.004	0.004	0.160	0.160	0.018	0.02	0.215	0.215
10128	FF 4697-0000		17		FF 4697-0000.xml	0.6	0.15	0.745	0.745	0.037	4E-06	0.002	0.002	0.111	0.111	0.015	0.02	0.167	0.167
10129	FF 4698-0000		17		FF 4698-0000.xml	0.6	0.15	0.744	0.744	0.019	7E-06	0.002	0.002	0.097	0.097	0.023	0.02	0.221	0.221
10130	FF 4699-0000		17		FF 4699-0000.xml	0.6	0.15	0.756	0.756	0.029	7E-09	2E-05	2E-05	0.057	0.057	0.003	0.003	0.131	0.131
10131	FF 4700-0000		17		FF 4700-0000.xml	0.6	0.15	0.719	0.719	0.042	7E-07	0.0004	0.0004	0.062	0.062	0.027	0.03	0.191	0.191
10132	FF 4701-0000		17		FF 4701-0000.xml	0.6	0.15	0.719	0.719	0.034	1E-09	0.0002	0.0002	0.098	0.098	0.007	0.007	0.139	0.139

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
10133	FF 4831-0000		17		FF 4831-0000.xml	0.6	0.15	0.703	0.703	0.052	1E-05	0.005	0.005	0.13	0.13	0.089	0.09	0.355	0.355
10134	FF 4833-0000		17		FF 4833-0000.xml	0.6	0.15	0.745	0.745	0.037	8E-05	0.023	0.023	0.287	0.287	0.026	0.03	0.290	0.290
10135	FF 4858-0000		17		FF 4858-0000.xml	0.6	0.15	0.718	0.718	0.044	6E-05	0.012	0.012	0.235	0.235	0.06	0.06	0.327	0.327
10136	FF 4859-0000		17		FF 4859-0000.xml	0.6	0.15	0.733	0.733	0.037	6E-05	0.029	0.029	0.285	0.285	0.069	0.07	0.363	0.363
10137	FF 4860-0000		17		FF 4860-0000.xml	0.6	0.15	0.731	0.731	0.064	5E-06	0.002	0.002	0.154	0.154	0.009	0.009	0.187	0.187
10138	FF 4861-0000		17		FF 4861-0000.xml	0.6	0.15	0.739	0.739	0.032	9E-06	0.006	0.006	0.183	0.183	0.026	0.03	0.239	0.239
10139	FF 4862-0000		17		FF 4862-0000.xml	0.6	0.15	0.733	0.733	0.043	0.0002	0.090	0.090	0.456	0.456	0.118	0.12	0.493	0.493
10140	FF 4896-0000		17		FF 4896-0000.xml	0.6	0.15	0.726	0.726	0.036	5E-07	0.002	0.002	0.155	0.155	0.022	0.02	0.225	0.225
10141	FF 4897-0000		17		FF 4897-0000.xml	0.6	0.15	0.747	0.747	0.037	0	0.0003	0.0003	0.087	0.087	0.0005	0.0005	0.093	0.093
10142	FF 85000-0000		17		FF 85000-0000.xml	0.6	0.15	0.697	0.697	0.042	1E-05	0.006	0.006	0.280	0.280	0.024	0.02	0.349	0.349
10143	FF 85001-0000		17		FF 85001-0000.xml	0.6	0.15	0.698	0.698	0.042	3E-10	0.0004	0.0004	0.103	0.103	0.0006	0.0006	0.114	0.114
10144	FF 85002-0000		17		FF 85002-0000.xml	0.6	0.15	0.734	0.734	0.053	5E-10	0	0	0.03	0.03	0.0001	0.0001	0.033	0.033

Glen Raven

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10145	FF 85003-0000		17		FF 85003-0000.xml	0.6	0.15	0.706	0.706	0.029	5E-09	0.0005	0.0005	0.166	0.166	0.003	0.003	0.209	0.209
10146	FF 85004-0000		17		FF 85004-0000.xml	0.6	0.15	0.674	0.674	0.051	1E-06	0.0002	0.0002	0.082	0.082	0.014	0.01	0.252	0.252

Goodearl and Bailey

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
3500	Dickson Orchestra #0681 Dune		10		Goodearl and Bailey-Dickson Orchestra 0681 Dune-oz03.xml	1	0.14	0.755	0.755	0.0436	0.0002	0.069	0.069	0.398	0.398	0.126	0.13	0.474	0.474

Helioscreen

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7500	Platinum Charcoal		10		Helioscreen-Platinum Charcoal-oz02.xml	1	0.14	0.53	0.884	0.0545	0.0248	0.038	0.038	0.354	0.354	0.113	0.10	0.413	0.283
7501	Platinum Iron		10		Helioscreen-Platinum Iron-oz01.xml	1	0.14	0.605	0.923	0.0137	0.0226	0.110	0.106	0.431	0.431	0.14	0.13	0.451	0.396

Hunter Douglas

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14050	ECOVIEW Plus Midnight Storm		10		Hunter Douglas-ECOVIEW Plus Midnight Storm-oz27.xml	1	0.14	0.86	0.86	0.0666	0	0.076	0.076	0.092	0.092	0.08	0.08	0.099	0.099
14051	NOVASCREEEN Granite		10		Hunter Douglas-NOVASCREEEN Granite-oz26.xml	1	0.14	0.879	0.849	0.0699	0.0525	0.078	0.077	0.367	0.367	0.080	0.08	0.323	0.131
14052	SEATEX Beige		22		.\46012 SEATEX Beige.xml														

Hunter Douglas

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14053	SEATEX Pristine		22		.\46013 SEATEX Pristine.xml														
14054	SEATEX Titanium		22		.\46014 SEATEX Titanium.xml														
14055	SEATEX Anthracite		22		.\46015 SEATEX Anthracite.xml														
14056	SEATEX Midnight		22		.\46016 SEATEX Midnight.xml														

Hunter Douglas Australia

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14500	Avila-Black		23		.\Avila-Black.xml														
14501	Avila-White		23		.\Avila-White.xml														
14502	Baltic-Froth BO		20		Baltic-Froth BO.xml	0.6	0.12	0.832	0.837	0	0	0	0	0.839	0.839	0	0	0.793	0.793
14503	Elements-Pearl BO		20		Elements-Pearl BO.xml	0.5	0.12	0.854	0.862	0	0	0	0	0.785	0.785	0	0	0.734	0.734
14504	Everview Plus 1-Black		23		.\External Sunscreen BW 1-Black.xml														
14505	Everview Plus 1-Yalumba		23		.\External Sunscreen BW 1-Yalumba-Cream.xml														
14506	Everview Plus 5-Black		23		.\External Sunscreen BW 5-Black.xml														

Hunter Douglas Australia

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14507	Everview Plus 5-Yalumba		23		.\External Sunscreen BW 5-Yalumba-Cream.xml														
14508	Stance Fibreglass 1-Black		23		.\External Sunscreen Twill 1-Black.xml														
14509	Stance Fibreglass 3-Black		23		.\External Sunscreen Twill 3-Black.xml														
14510	Stance Fibreglass 3-Pearl		23		.\External Sunscreen Twill 3-Pearl.xml														
14511	Optima Screen-Charcoal		20		Optima Screen-Charcoal.xml	0.6	0.12	0.788	0.788	0.103	0.0591	0.063	0.063	0.029	0.029	0.063	0.06	0.027	0.027
14512	Optima Screen-White		20		Optima Screen-White.xml	0.6	0.12	0.765	0.765	0.123	0.0602	0.24	0.24	0.722	0.722	0.292	0.29	0.624	0.624
14513	Optima Screen-WhiteGrey		20		Optima Screen-WhiteGrey.xml	0.6	0.12	0.786	0.786	0.099	0.0693	0.127	0.127	0.421	0.421	0.176	0.18	0.372	0.372
14514	Canvas-Domino		23		.\System 2000-Domino.xml														
14515	Canvas-Mercury		23		.\System 2000-Mercury.xml														
14516	Canvas-Pebble		23		.\System 2000-Pebble.xml														
14517	Canvas-Silver Pearl		23		.\System 2000-Silver Pearl.xml														
14518	Zen-Bounty		20		Zen-Bounty.xml	0.3	0.12	0.858	0.858	0	0	0	0	0.873	0.873	0	0	0.739	0.739

Hunter Douglas Australia

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
14519	Zen-Stonehenge		20		Zen-Stonehenge.xml	0.3	0.12	0.863	0.863	0	0	0	0	0.314	0.314	0	0	0.263	0.263
14520	Zen-Yen		20		Zen-Yen.xml	0.3	0.12	0.884	0.884	0	0	0	0	0.039	0.039	0	0	0.039	0.039
14521	Baltic-Froth LF		21		Baltic-Froth LF.xml	0.6	0.12	0.713	0.713	0.117		0.446	0.446	0.527	0.527	0.447	0.45	0.500	0.500
14522	Elements-Pearl LF		21		Elements-Pearl LF.xml	0.6	0.12	0.781	0.781	0.119		0.327	0.327	0.627	0.627	0.357	0.36	0.564	0.564

Inflector Window Insulators

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
12000	In'Flector Radiant Barrier Window Insulator		12		SA99_Inflector-CGDB12000.xml	0.001	0.15	0.71	0.59	0.17	0.17	0.253	0.255	0.079	0.079	0.254	0.25	0.078	0.512
12001	Solar Selective Window Insulator		12		2011-SB13.XML	1	0.15	0.718	0.718	0.2027	0.2027	0.172	0.172	39.71	39.71	0.254	0.25	0.061	0.061
12002	In'Flector Radiant Barrier Window Insulator (flipped)		12		SA99Flip_LowEOut_Inflector-CGDB12002.xml	0.001	0.15	0.59	0.71	0.17	0.17	0.255	0.253	0.508	0.508	0.253	0.25	0.512	0.078

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
23997	Alabaster Venetian Blind -45 (Intigral):Alabaster:-45:12.5		23																

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
23998	White Satin Venetian Blind -45 (Intigral):White Statin:- 45:12.5		23																	
23999	Tan Venetian Blind -45 (Intigral):Tan:-45:12.5		23																	
24000	Alabaster Venetian Blind Open (Intigral):Alabaster:0:12 .5		23																	
24001	Alabaster Venetian Blind Closed (Intigral):Alabaster:+70: 12.5		23																	
24002	Alabaster Venetian Blind +45 (Intigral):Alabaster:+45: 12.5		23																	
24003	White Satin Venetian Blind Open (Intigral):White Statin:0:12.5		23																	
24004	White Satin Venetian Blind Closed (Intigral):White Statin:+70:12.5		23																	
24005	White Satin Venetian Blind +45 (Intigral):White Statin:+45:12.5		23																	

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24006	Tan Venetian Blind Open (Intigral):Tan:0:12.5		23																
24007	Tan Venetian Blind Closed (Intigral):Tan:+70:12.5		23																
24008	Tan Venetian Blind +45 (Intigral):Tan:+45:12.5		23																
24009	ScreenLine SL19/20/22 Venetian Open S102 White		11																
24010	ScreenLine SL19/20/22 Venetian Closed S102 White		11																
24011	ScreenLine SL19/20/22 Venetian 45° S102 White		11																
24012	ScreenLine SL19/20/22 Venetian Open S106 Yellow		11																
24013	ScreenLine SL19/20/22 Venetian Closed S106 Yellow		11																
24014	ScreenLine SL19/20/22 Venetian 45° S106 Yellow		11																

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
24015	ScreenLine SL19/20/22 Venetian Open S125 Dark Cream		11																	
24016	ScreenLine SL19/20/22 Venetian Closed S125 Dark Cream		11																	
24017	ScreenLine SL19/20/22 Venetian 45° S125 Dark Cream		11																	
24018	ScreenLine SL19/20/22 Venetian Open S130 Green		11																	
24019	ScreenLine SL19/20/22 Venetian Closed S130 Green		11																	
24020	ScreenLine SL19/20/22 Venetian 45° S130 Green		11																	
24021	ScreenLine SL19/20/22 Venetian Open S142 Light Blue		11																	
24022	ScreenLine SL19/20/22 Venetian Closed S142 Light Blue		11																	
24023	ScreenLine SL19/20/22 Venetian 45° S142 Light Blue		11																	

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
24024	ScreenLine SL19/20/22 Venetian Open S149 Cream		11																	
24025	ScreenLine SL19/20/22 Venetian Closed S149 Cream		11																	
24026	ScreenLine SL19/20/22 Venetian 45° S149 Cream		11																	
24027	ScreenLine SL19/20/22 Venetian Open S155 Matt Grey		11																	
24028	ScreenLine SL19/20/22 Venetian Closed S155 Matt Grey		11																	
24029	ScreenLine SL19/20/22 Venetian 45° S155 Matt Grey		11																	
24030	ScreenLine SL19/20/22 Venetian Open S156 Glittery Silver		11																	
24031	ScreenLine SL19/20/22 Venetian Closed S156 Glittery Silver		11																	
24032	ScreenLine SL19/20/22 Venetian 45° S156 Glittery Silver		11																	

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
24033	ScreenLine SL19/20/22 Venetian Open S157 Satin Silver		11																	
24034	ScreenLine SL19/20/22 Venetian Closed S157 Satin Silver		11																	
24035	ScreenLine SL19/20/22 Venetian 45° S157 Satin Silver		11																	
24036	ScreenLine SL27/29/32 Venetian Open S102 White		11																	
24037	ScreenLine SL27/29/32 Venetian Closed S102 White		11																	
24038	ScreenLine SL27/29/32 Venetian 45° S102 White		11																	
24039	Intigral_SL_Vanity_C000_White_Pleated_Shade_14mm		14		Intigral_SL_Vanity_C000_White_Pleated_Shade_14mm.thmx	0.01		0.902	0.902	0.0199	0.032	0.516	0.516	0.462	0.462	0.514	0.51	0.445	0.445	
24040	Intigral_SL_Vanity_C000_White_Pleated_Shade_20mm		14		Intigral_SL_Vanity_C000_White_Pleated_Shade_20mm.thmx	0.01		0.89	0.89	0.0231	0.032	0.528	0.528	0.457	0.457	0.528	0.53	0.440	0.440	
24041	Intigral_SL_Vanity_C010_Cream_Pleated_Shade_14mm		14		Intigral_SL_Vanity_C010_Cream_Pleated_Shade_14mm.thmx	0.01		0.909	0.909	0.0178	0.026	0.494	0.494	0.474	0.474	0.485	0.48	0.45	0.450	

Intigral

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24042	Intigral_SL_Vanity_CO10_Cream_Pleated_Shade_20mm		14		Intigral_SL_Vanity_CO10_Cream_Pleated_Shade_20mm.thmx	0.01		0.898	0.898	0.0208	0.026	0.503	0.503	0.473	0.473	0.497	0.5	0.45	0.449

Levolor

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
11000	Origami		10		2014-SC42.XML	0.8	0.15	0.690	0.690	0.1018	0.0055	0.033	0.033	0.305	0.305	0.102	0.10	0.427	0.427
23000	Accordia Classic LF Toffee		10		Levolor_19570216.thmx	0.02		0.833	0.845	0.0193	0.035	0.200	0.2	0.506	0.197	0.237	0.24	0.494	0.25
23001	Accordia LF Cream		10		Levolor_19170202.thmx	0.02		0.792	0.865	0.015	0.0098	0.268	0.269	0.596	0.547	0.265	0.27	0.577	0.54
23002	Accordia Designer Colors LF Snow		10		Levolor_19470199.thmx	0.02		0.806	0.806	0.0083	0	0.225	0.225	0.659	0.66	0.218	0.22	0.632	0.632
23003	Accordia Designer Colors LF Snow		10		Levolor_12470199.thmx	0.02		0.79	0.79	0.0003	0	0.06	0.06	0.68	0.679	0.057	0.06	0.653	0.651
23004	Classic RD snow		10		Levolor_19070199.thmx	0.03		0.848	0.848	1E-05	0	0	0	0.702	0.702	0	0	0.698	0.697
23005	Mosaic RD Snow		10		Levolor_53970199.thmx	0.03		0.793	0.793	0.0012	0	6E-06	1E-05	0.705	0.705	2E-05	1E-05	0.697	0.697

Living Shade

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
2000	Twilight 279-A10 Light Grey		10		Living Shade-Twilight 279-A10 Light Grey-oz12.xml	1	0.14	0.430	0.818	0.0821	0.0814	0.166	0.170	0.493	0.493	0.164	0.17	0.507	0.378

MechoShade

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
15000	EuroTwill Reversible Twill Weave Shadecloth 3%,6220 black/white		10		2011-SA59.XML	1	0.15	0.827	0.827	0.0875	0.0631	0.093	0.09	0.382	0.626	0.106	0.10	0.32	0.534
15001	EuroTwill Reversible Twill Weave Shadecloth 3%,6020 white/black		10		2011-SA60.XML	1	0.15	0.828	0.828	0.1001	0.0528	0.083	0.08	0.377	0.636	0.096	0.09	0.318	0.548

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
47000	E Screen 1% Charcoal-Grey		17		E Screen 1% Charcoal-Grey.xml	0.5	0.15	0.823	0.823	0.065	0.0156	0.018	0.018	0.090	0.090	0.021	0.02	0.096	0.096
47001	E Screen 1% White-White		17		E Screen 1% White-White.xml	0.5	0.15	0.79	0.79	0.083	0.0131	0.132	0.132	0.839	0.839	0.147	0.15	0.748	0.748
47002	E Screen 1% White-Linen		17		E Screen 1% White-Linen.xml	0.5	0.15	0.785	0.785	0.083	0.0135	0.119	0.119	0.627	0.627	0.146	0.15	0.567	0.567
47003	E Screen 1% White-Pearl		17		E Screen 1% White-Pearl.xml	0.5	0.15	0.8	0.8	0.09	0.0143	0.069	0.069	0.402	0.402	0.089	0.09	0.373	0.373
47004	E Screen 1% Pearl-Linen		17		E Screen 1% Pearl-Linen.xml	0.5	0.15	0.769	0.769	0.086	0.01	0.043	0.043	0.348	0.348	0.071	0.07	0.321	0.321
47005	E Screen 1% Pearl-Pearl		17		E Screen 1% Pearl-Pearl.xml	0.5	0.15	0.789	0.789	0.101	0.0051	0.020	0.020	0.282	0.282	0.037	0.04	0.284	0.284
47006	E Screen 1% Pearl-Grey		17		E Screen 1% Pearl-Grey.xml	0.5	0.15	0.784	0.784	0.076	0.0105	0.027	0.027	0.111	0.111	0.05	0.05	0.109	0.109
47007	E Screen 1% Charcoal-GreyStone		17		E Screen 1% Charcoal-GreyStone.xml	0.5	0.15	0.797	0.797	0.083	0.015	0.020	0.020	0.046	0.046	0.023	0.02	0.047	0.047

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47008	E Screen 1% Charcoal-Charcoal		17		E Screen 1% Charcoal-Charcoal.xml	0.5	0.15	0.795	0.795	0.096	0.0153	0.017	0.017	0.057	0.057	0.017	0.02	0.057	0.057
47009	E Screen 1% Charcoal-Cocoa		17		E Screen 1% Charcoal-Cocoa.xml	0.5	0.15	0.75	0.75	0.143	0.0084	0.01	0.01	0.052	0.052	0.011	0.01	0.052	0.052
47010	E Screen 1% Charcoal-Apricot		17		E Screen 1% Charcoal-Apricot.xml	0.5	0.15	0.801	0.801	0.086	0.0098	0.015	0.015	0.143	0.143	0.019	0.02	0.140	0.140
47017	E Screen 3% Charcoal-Grey		17		E Screen 3% Charcoal-Grey.xml	0.4	0.15	0.772	0.772	0.107	0.0382	0.044	0.044	0.101	0.101	0.049	0.05	0.107	0.107
47018	E Screen 3% White-White		17		E Screen 3% White-White.xml	0.4	0.15	0.76	0.76	0.103	0.0433	0.160	0.160	0.812	0.812	0.176	0.18	0.725	0.725
47019	E Screen 3% White-Linen		17		E Screen 3% White-Linen.xml	0.4	0.15	0.746	0.746	0.124	0.0424	0.151	0.151	0.678	0.678	0.181	0.18	0.619	0.619
47020	E Screen 3% White-Pearl		17		E Screen 3% White-Pearl.xml	0.4	0.15	0.81	0.81	0.079	0.0379	0.081	0.081	0.56	0.56	0.103	0.10	0.503	0.503
47021	E Screen 3% Pearl-Linen		17		E Screen 3% Pearl-Linen.xml	0.4	0.15	0.784	0.784	0.101	0.0401	0.087	0.087	0.406	0.406	0.117	0.12	0.373	0.373
47022	E Screen 3% Pearl-Pearl		17		E Screen 3% Pearl-Pearl.xml	0.4	0.15	0.768	0.768	0.1	0.0427	0.062	0.062	0.331	0.331	0.081	0.08	0.303	0.303
47023	E Screen 3% Pearl-Grey		17		E Screen 3% Pearl-Grey.xml	0.4	0.15	0.774	0.774	0.114	0.0400	0.058	0.058	0.266	0.266	0.083	0.08	0.270	0.270
47024	E Screen 3% Charcoal-GreyStone		17		E Screen 3% Charcoal-GreyStone.xml	0.4	0.15	0.822	0.822	0.075	0.0392	0.053	0.053	0.135	0.135	0.059	0.06	0.128	0.128
47025	E Screen 3% Charcoal-Charcoal		17		E Screen 3% Charcoal-Charcoal.xml	0.4	0.15	0.78	0.78	0.109	0.0468	0.050	0.050	0.040	0.040	0.051	0.05	0.039	0.039

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47026	E Screen 3% Charcoal-Cocoa		17		E Screen 3% Charcoal-Cocoa.xml	0.4	0.15	0.791	0.791	0.093	0.0415	0.045	0.045	0.057	0.057	0.046	0.05	0.057	0.057
47027	E Screen 3% Charcoal-Apricot		17		E Screen 3% Charcoal-Apricot.xml	0.4	0.15	0.823	0.823	0.059	0.0427	0.056	0.056	0.178	0.178	0.063	0.06	0.174	0.174
47034	E Screen 5% Charcoal-Grey		17		E Screen 5% Charcoal-Grey.xml	0.4	0.15	0.744	0.744	0.138	0.0692	0.077	0.077	0.089	0.089	0.082	0.08	0.096	0.096
47035	E Screen 5% White-White		17		E Screen 5% White-White.xml	0.4	0.15	0.777	0.777	0.102	0.0734	0.195	0.195	0.775	0.775	0.211	0.21	0.693	0.693
47036	E Screen 5% White-Linen		17		E Screen 5% White-Linen.xml	0.4	0.15	0.774	0.774	0.096	0.0615	0.176	0.176	0.678	0.678	0.206	0.21	0.614	0.614
47037	E Screen 5% White-Pearl		17		E Screen 5% White-Pearl.xml	0.4	0.15	0.715	0.715	0.132	0.0668	0.131	0.131	0.581	0.581	0.154	0.15	0.524	0.524
47038	E Screen 5% Pearl-Linen		17		E Screen 5% Pearl-Linen.xml	0.4	0.15	0.761	0.761	0.125	0.0618	0.106	0.106	0.39	0.39	0.135	0.14	0.358	0.358
47039	E Screen 5% Pearl-Pearl		17		E Screen 5% Pearl-Pearl.xml	0.4	0.15	0.729	0.729	0.162	0.0759	0.103	0.103	0.324	0.324	0.125	0.13	0.297	0.297
47040	E Screen 5% Pearl-Grey		17		E Screen 5% Pearl-Grey.xml	0.4	0.15	0.749	0.749	0.132	0.07	0.092	0.092	0.26	0.26	0.117	0.12	0.259	0.259
47041	E Screen 5% Charcoal-GreyStone		17		E Screen 5% Charcoal-GreyStone.xml	0.4	0.15	0.776	0.776	0.112	0.0688	0.084	0.084	0.118	0.118	0.090	0.09	0.112	0.112
47042	E Screen 5% Charcoal-Charcoal		17		E Screen 5% Charcoal-Charcoal.xml	0.4	0.15	0.824	0.824	0.056	0.0626	0.066	0.066	0.043	0.043	0.067	0.07	0.041	0.041
47043	E Screen 5% Charcoal-Cocoa		17		E Screen 5% Charcoal-Cocoa.xml	0.4	0.15	0.774	0.774	0.117	0.0619	0.066	0.066	0.052	0.052	0.067	0.07	0.052	0.052

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47044	E Screen 5% Charcoal-Apricot		17		E Screen 5% Charcoal-Apricot.xml	0.4	0.15	0.767	0.767	0.132	0.0666	0.081	0.081	0.154	0.154	0.087	0.09	0.151	0.151
47051	E Screen 10% Charcoal-Grey		17		E Screen 10% Charcoal-Grey.xml	0.5	0.15	0.784	0.784	0.099	0.1111	0.121	0.121	0.08	0.08	0.126	0.13	0.088	0.088
47052	E Screen 10% White-White		17		E Screen 10% White-White.xml	0.5	0.15	0.692	0.692	0.169	0.1201	0.246	0.246	0.73	0.73	0.26	0.26	0.657	0.657
47053	E Screen 10% White-Linen		17		E Screen 10% White-Linen.xml	0.5	0.15	0.755	0.755	0.128	0.1068	0.225	0.225	0.650	0.650	0.249	0.25	0.592	0.592
47054	E Screen 10% White-Pearl		17		E Screen 10% White-Pearl.xml	0.5	0.15	0.733	0.733	0.147	0.1172	0.186	0.186	0.553	0.553	0.208	0.21	0.504	0.504
47055	E Screen 10% Pearl-Linen		17		E Screen 10% Pearl-Linen.xml	0.5	0.15	0.744	0.744	0.14	0.0979	0.144	0.144	0.368	0.368	0.171	0.17	0.34	0.34
47056	E Screen 10% Pearl-Pearl		17		E Screen 10% Pearl-Pearl.xml	0.5	0.15	0.728	0.728	0.154	0.1189	0.149	0.149	0.298	0.298	0.170	0.17	0.281	0.281
47057	E Screen 10% Pearl-Grey		17		E Screen 10% Pearl-Grey.xml	0.5	0.15	0.764	0.764	0.11	0.1121	0.140	0.140	0.253	0.253	0.163	0.16	0.252	0.252
47058	E Screen 10% Charcoal-GreyStone		17		E Screen 10% Charcoal-GreyStone.xml	0.5	0.15	0.765	0.765	0.123	0.1096	0.129	0.129	0.108	0.108	0.134	0.13	0.105	0.105
47059	E Screen 10% Charcoal-Charcoal		17		E Screen 10% Charcoal-Charcoal.xml	0.5	0.15	0.743	0.743	0.144	0.1068	0.113	0.113	0.049	0.049	0.114	0.11	0.048	0.048
47060	E Screen 10% Charcoal-Cocoa		17		E Screen 10% Charcoal-Cocoa.xml	0.5	0.15	0.763	0.763	0.151	0.1091	0.115	0.115	0.049	0.049	0.116	0.12	0.048	0.048
47061	E Screen 10% Charcoal-Apricot		17		E Screen 10% Charcoal-Apricot.xml	0.5	0.15	0.761	0.761	0.13	0.1196	0.142	0.142	0.146	0.146	0.151	0.15	0.146	0.146

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47074	Natte 5% Charcoal-Cocoa		17		Natte 5% Charcoal-Cocoa.xml	0.6	0.15	0.73	0.73	0.153	0.0581	0.062	0.062	0.061	0.061	0.063	0.06	0.061	0.061
47075	Natte 5% Charcoal-Charcoal		17		Natte 5% Charcoal-Charcoal.xml	0.6	0.15	0.765	0.765	0.11	0.0674	0.071	0.071	0.043	0.043	0.071	0.07	0.042	0.042
47088	Natte 10% Charcoal-Cocoa		17		Natte 10% Charcoal-Cocoa.xml	0.5	0.15	0.74	0.74	0.149	0.0958	0.101	0.101	0.054	0.054	0.102	0.10	0.054	0.054
47089	Natte 10% Charcoal-Charcoal		17		Natte 10% Charcoal-Charcoal.xml	0.5	0.15	0.738	0.738	0.148	0.1013	0.106	0.106	0.04	0.04	0.106	0.11	0.039	0.039
47096	M Screen 1% Charcoal-Apricot		17		M Screen 1% Charcoal-Apricot.xml	0.6	0.15	0.725	0.725	0.161	0.0169	0.026	0.026	0.109	0.109	0.031	0.03	0.106	0.106
47097	M Screen 1% White-White		17		M Screen 1% White-White.xml	0.6	0.15	0.757	0.757	0.099	0.0111	0.141	0.141	0.826	0.826	0.157	0.16	0.735	0.735
47098	M Screen 1% White-Pearl		17		M Screen 1% White-Pearl.xml	0.6	0.15	0.793	0.793	0.071	0.0088	0.071	0.071	0.639	0.639	0.090	0.09	0.578	0.578
47099	M Screen 1% Pearl-Linen		17		M Screen 1% Pearl-Linen.xml	0.6	0.15	0.777	0.777	0.104	0.0129	0.053	0.053	0.376	0.376	0.081	0.08	0.35	0.35
47100	M Screen 1% Pearl-Pearl		17		M Screen 1% Pearl-Pearl.xml	0.6	0.15	0.782	0.782	0.089	0.0113	0.033	0.033	0.336	0.336	0.053	0.05	0.311	0.311
47101	M Screen 1% Charcoal-Grey		17		M Screen 1% Charcoal-Grey.xml	0.6	0.15	0.786	0.786	0.099	0.015	0.018	0.018	0.068	0.068	0.022	0.02	0.072	0.072
47102	M Screen 1% Charcoal-Charcoal		17		M Screen 1% Charcoal-Charcoal.xml	0.6	0.15	0.807	0.807	0.058	0.0154	0.018	0.018	0.039	0.039	0.018	0.02	0.039	0.039
47103	M Screen 1% White-Stone		17		M Screen 1% White-Stone.xml	0.6	0.15	0.787	0.787	0.087	0.0171	0.175	0.175	0.716	0.716	0.19	0.19	0.649	0.649

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47104	M Screen 1% White-Linen		17		M Screen 1% White-Linen.xml	0.6	0.15	0.813	0.813	0.055	0.007	0.124	0.124	0.721	0.721	0.150	0.15	0.655	0.655
47105	M Screen 1% Linen-Stone		17		M Screen 1% Linen-Stone.xml	0.6	0.15	0.792	0.792	0.091	0.0185	0.175	0.175	0.527	0.527	0.210	0.21	0.495	0.495
47106	M Screen 1% Linen-SableCocoa		17		M Screen 1% Linen-SableCocoa.xml	0.6	0.15	0.778	0.778	0.106	0.0166	0.085	0.085	0.415	0.415	0.11	0.11	0.385	0.385
47107	M Screen 1% Charcoal-Sable		17		M Screen 1% Charcoal-Sable.xml	0.6	0.15	0.795	0.795	0.083	0.0175	0.023	0.023	0.104	0.104	0.027	0.03	0.097	0.097
47108	M Screen 1% Charcoal-Cocoa		17		M Screen 1% Charcoal-Cocoa.xml	0.6	0.15	0.795	0.795	0.096	0.0122	0.014	0.014	0.053	0.053	0.015	0.02	0.051	0.051
47115	M Screen 3% Charcoal-Apricot		17		M Screen 3% Charcoal-Apricot.xml	0.6	0.15	0.827	0.827	0.068	0.0339	0.047	0.047	0.146	0.146	0.055	0.06	0.141	0.141
47116	M Screen 3% White-White		17		M Screen 3% White-White.xml	0.6	0.15	0.784	0.784	0.073	0.0346	0.156	0.156	0.815	0.815	0.171	0.17	0.727	0.727
47117	M Screen 3% White-Pearl		17		M Screen 3% White-Pearl.xml	0.6	0.15	0.771	0.771	0.094	0.0230	0.067	0.067	0.586	0.586	0.092	0.09	0.537	0.537
47118	M Screen 3% Pearl-Linen		17		M Screen 3% Pearl-Linen.xml	0.6	0.15	0.798	0.798	0.077	0.027	0.071	0.071	0.403	0.403	0.103	0.10	0.373	0.373
47119	M Screen 3% Pearl-Pearl		17		M Screen 3% Pearl-Pearl.xml	0.6	0.15	0.767	0.767	0.1	0.0303	0.060	0.060	0.36	0.36	0.086	0.09	0.335	0.335
47120	M Screen 3% Charcoal-Grey		17		M Screen 3% Charcoal-Grey.xml	0.6	0.15	0.799	0.799	0.094	0.0299	0.035	0.035	0.084	0.084	0.04	0.04	0.088	0.088
47121	M Screen 3% Charcoal-Charcoal		17		M Screen 3% Charcoal-Charcoal.xml	0.6	0.15	0.804	0.804	0.074	0.0362	0.04	0.04	0.041	0.041	0.04	0.04	0.041	0.041

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47122	M Screen 3% White-Stone		17		M Screen 3% White-Stone.xml	0.6	0.15	0.751	0.751	0.102	0.0332	0.191	0.191	0.684	0.684	0.208	0.21	0.616	0.616
47123	M Screen 3% White-Linen		17		M Screen 3% White-Linen.xml	0.6	0.15	0.794	0.794	0.09	0.0268	0.137	0.137	0.684	0.684	0.166	0.17	0.622	0.622
47124	M Screen 3% Linen-Stone		17		M Screen 3% Linen-Stone.xml	0.6	0.15	0.779	0.779	0.097	0.029	0.192	0.192	0.530	0.530	0.227	0.23	0.493	0.493
47125	M Screen 3% Linen-SableCocoa		17		M Screen 3% Linen-SableCocoa.xml	0.6	0.15	0.819	0.819	0.062	0.0246	0.068	0.068	0.374	0.374	0.092	0.09	0.346	0.346
47126	M Screen 3% Charcoal-Sable		17		M Screen 3% Charcoal-Sable.xml	0.6	0.15	0.792	0.792	0.099	0.031	0.04	0.04	0.132	0.132	0.045	0.04	0.125	0.125
47127	M Screen 3% Charcoal-Cocoa		17		M Screen 3% Charcoal-Cocoa.xml	0.6	0.15	0.803	0.803	0.088	0.0367	0.040	0.040	0.051	0.051	0.041	0.04	0.050	0.050
47134	M Screen 5% Charcoal-Apricot		17		M Screen 5% Charcoal-Apricot.xml	0.6	0.15	0.816	0.816	0.075	0.0462	0.061	0.061	0.138	0.138	0.069	0.07	0.134	0.134
47135	M Screen 5% White-White		17		M Screen 5% White-White.xml	0.6	0.15	0.782	0.782	0.089	0.0491	0.177	0.177	0.792	0.792	0.191	0.19	0.708	0.708
47136	M Screen 5% White-Pearl		17		M Screen 5% White-Pearl.xml	0.6	0.15	0.789	0.789	0.093	0.0462	0.102	0.102	0.582	0.582	0.123	0.12	0.521	0.521
47137	M Screen 5% Pearl-Linen		17		M Screen 5% Pearl-Linen.xml	0.6	0.15	0.826	0.826	0.052	0.0386	0.086	0.086	0.393	0.393	0.116	0.12	0.364	0.364
47138	M Screen 5% Pearl-Pearl		17		M Screen 5% Pearl-Pearl.xml	0.6	0.15	0.793	0.793	0.095	0.0474	0.073	0.073	0.326	0.326	0.094	0.09	0.299	0.299
47139	M Screen 5% Charcoal-Grey		17		M Screen 5% Charcoal-Grey.xml	0.6	0.15	0.802	0.802	0.081	0.0497	0.056	0.056	0.080	0.080	0.061	0.06	0.085	0.085

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47140	M Screen 5% Charcoal-Charcoal		17		M Screen 5% Charcoal-Charcoal.xml	0.6	0.15	0.769	0.769	0.065	0.0391	0.043	0.043	0.044	0.044	0.043	0.04	0.042	0.042
47141	M Screen 5% White-Stone		17		M Screen 5% White-Stone.xml	0.6	0.15	0.763	0.763	0.121	0.0592	0.212	0.212	0.677	0.677	0.230	0.23	0.613	0.613
47142	M Screen 5% White-Linen		17		M Screen 5% White-Linen.xml	0.6	0.15	0.792	0.792	0.083	0.0418	0.148	0.148	0.689	0.689	0.177	0.18	0.625	0.625
47143	M Screen 5% Linen-Stone		17		M Screen 5% Linen-Stone.xml	0.6	0.15	0.802	0.802	0.088	0.0437	0.208	0.208	0.524	0.524	0.243	0.24	0.486	0.486
47144	M Screen 5% Linen-SableCocoa		17		M Screen 5% Linen-SableCocoa.xml	0.6	0.15	0.799	0.799	0.083	0.0404	0.102	0.102	0.380	0.380	0.125	0.12	0.351	0.351
47145	M Screen 5% Charcoal-Sable		17		M Screen 5% Charcoal-Sable.xml	0.6	0.15	0.783	0.783	0.111	0.0493	0.059	0.059	0.127	0.127	0.064	0.06	0.119	0.119
47146	M Screen 5% Charcoal-Cocoa		17		M Screen 5% Charcoal-Cocoa.xml	0.6	0.15	0.794	0.794	0.085	0.0387	0.042	0.042	0.051	0.051	0.043	0.04	0.051	0.051
47153	M Screen Deco 3% Flagstone		17		M Screen Deco 3% Flagstone.xml	0.6	0.15	0.806	0.806	0.072	0.0404	0.053	0.053	0.212	0.212	0.065	0.06	0.209	0.209
47154	M Screen Deco 3% River Rock		17		M Screen Deco 3% River Rock.xml	0.6	0.15	0.769	0.769	0.101	0.0326	0.053	0.053	0.348	0.348	0.067	0.07	0.318	0.318
47155	M Screen Deco 3% Hazelnut		17		M Screen Deco 3% Hazelnut.xml	0.6	0.15	0.784	0.784	0.099	0.0325	0.042	0.042	0.125	0.125	0.05	0.05	0.132	0.132
47156	M Screen Deco 3% Parchment		17		M Screen Deco 3% Parchment.xml	0.6	0.15	0.788	0.788	0.083	0.0333	0.117	0.117	0.727	0.727	0.144	0.14	0.659	0.659
47157	M Screen Deco 3% Tumbleweed		17		M Screen Deco 3% Tumbleweed.xml	0.6	0.15	0.805	0.805	0.074	0.0307	0.048	0.048	0.315	0.315	0.068	0.07	0.306	0.306

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47158	M Screen Deco 3% Naturelle		17		M Screen Deco 3% Naturelle.xml	0.6	0.15	0.779	0.779	0.1	0.0402	0.086	0.086	0.556	0.556	0.130	0.13	0.534	0.534
47159	M Screen Deco 3% Harvest		17		M Screen Deco 3% Harvest.xml	0.6	0.15	0.792	0.792	0.076	0.0339	0.045	0.045	0.153	0.153	0.055	0.05	0.162	0.162
47166	M Screen Deco 5% Flagstone		17		M Screen Deco 5% Flagstone.xml	0.5	0.15	0.794	0.794	0.072	0.0502	0.066	0.066	0.203	0.203	0.079	0.08	0.2	0.2
47167	M Screen Deco 5% River Rock		17		M Screen Deco 5% River Rock.xml	0.5	0.15	0.786	0.786	0.087	0.0535	0.086	0.086	0.361	0.361	0.099	0.1	0.326	0.326
47168	M Screen Deco 5% Hazelnut		17		M Screen Deco 5% Hazelnut.xml	0.5	0.15	0.809	0.809	0.07	0.0427	0.055	0.055	0.136	0.136	0.063	0.06	0.145	0.145
47169	M Screen Deco 5% Parchment		17		M Screen Deco 5% Parchment.xml	0.5	0.15	0.785	0.785	0.089	0.0539	0.144	0.144	0.701	0.701	0.171	0.17	0.636	0.636
47170	M Screen Deco 5% Tumbleweed		17		M Screen Deco 5% Tumbleweed.xml	0.5	0.15	0.767	0.767	0.121	0.0601	0.083	0.083	0.297	0.297	0.101	0.10	0.289	0.289
47171	M Screen Deco 5% Naturelle		17		M Screen Deco 5% Naturelle.xml	0.5	0.15	0.806	0.806	0.064	0.0616	0.112	0.112	0.543	0.543	0.149	0.15	0.508	0.508
47172	M Screen Deco 5% Harvest		17		M Screen Deco 5% Harvest.xml	0.5	0.15	0.795	0.795	0.081	0.0504	0.067	0.067	0.169	0.169	0.080	0.08	0.179	0.179
47357	S Screen 4% Granite		17		S Screen 4% Granite.xml	0.9	0.15	0.788	0.788	0.064	0.0502	0.073	0.073	0.322	0.322	0.084	0.08	0.305	0.305
47358	S Screen 4% Marble		17		S Screen 4% Marble.xml	0.9	0.15	0.675	0.675	0.144	0.051	0.093	0.093	0.550	0.550	0.1	0.1	0.492	0.492
47359	S Screen 4% Porcelain		17		S Screen 4% Porcelain.xml	0.9	0.15	0.82	0.82	0.008	0.0499	0.105	0.105	0.633	0.633	0.119	0.12	0.578	0.578

Mermet

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
47360	S Screen 4% Jute		17		S Screen 4% Jute.xml	0.9	0.15	0.718	0.718	0.114	0.0444	0.094	0.094	0.439	0.439	0.112	0.11	0.409	0.409
47361	S Screen 4% Cork		17		S Screen 4% Cork.xml	0.9	0.15	0.788	0.788	0.066	0.0497	0.081	0.081	0.346	0.346	0.096	0.1	0.336	0.336
47362	S Screen 4% Papyrus		17		S Screen 4% Papyrus.xml	0.9	0.15	0.782	0.782	0.066	0.0487	0.081	0.081	0.369	0.369	0.101	0.10	0.366	0.366
47363	S Screen 4% Sesame		17		S Screen 4% Sesame.xml	0.9	0.15	0.718	0.718	0.113	0.0538	0.062	0.062	0.17	0.17	0.066	0.07	0.163	0.163
47364	S Screen 4% Ginger		17		S Screen 4% Ginger.xml	0.9	0.15	0.75	0.75	0.105	0.0559	0.08	0.08	0.283	0.283	0.092	0.09	0.274	0.274
47365	S Screen 4% Nougat		17		S Screen 4% Nougat.xml	0.9	0.15	0.762	0.762	0.086	0.0467	0.07	0.07	0.349	0.349	0.087	0.09	0.348	0.348
47366	S Screen 4% Coffee Bean		17		S Screen 4% Coffee Bean.xml	0.9	0.15	0.731	0.731	0.099	0.0457	0.052	0.052	0.132	0.132	0.055	0.06	0.123	0.123
47367	S Screen 4% Peppercorn		17		S Screen 4% Peppercorn.xml	0.9	0.15	0.706	0.706	0.124	0.04	0.055	0.055	0.310	0.310	0.064	0.06	0.290	0.290
47368	S Screen 4% Seasalt		17		S Screen 4% Seasalt.xml	0.9	0.15	0.722	0.722	0.098	0.046	0.082	0.082	0.569	0.569	0.108	0.11	0.56	0.56

Nolan.UDA

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
2500	Horizon 90 Mesh, Grey/Grey		10		Nolan_UDA-Horizon 90 Mesh Grey-Grey-oz24.xml	1	0.14	0.753	0.753	0.1731	5E-05	0.221	0.221	0.262	0.262	0.241	0.24	0.259	0.259

Nysan

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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Nysan

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
6000	Hexcel Screen2 (S2) 3%, White Pearl		10		2011-SA9.XML	1	0.15	0.792	0.792	0.1140	0.0351	0.153	0.168	0.618	0.441	0.185	0.2	0.569	0.436
6001	GreenScreen Eco 3%, Pewter Platinum		10		2011-SA2.XML	1	0.15	0.873	0.564	0.0625	0.0126	0.040	0.040	0.113	0.113	0.095	0.09	0.32	0.32
6002	GreenScreen Eco 3%, Charcoal Bronze		10		2011-SA4.XML	1	0.15	0.82	0.82	0.0935	0.0266	0.087	0.087	0.146	0.146	0.333	0.33	0.291	0.291
6003	GreenScreen Eco Dual Tone 3%, Pewter Pearl		10		2011-SA3.XML	1	0.15	0.837	0.558	0.0643	0.0578	0.154	0.154	0.401	0.401	0.328	0.33	0.329	0.329
6004	GreenScreen Eco 1%, Pearl		10		2011-SA11.XML	1	0.15	0.838	0.838	0.0812	0.0175	0.238	0.238	0.321	0.321	0.379	0.38	0.421	0.421
6005	GreenScreen Eco 1%, Pewter		10		2011-SA12.XML	1	0.15	0.848	0.848	0.0662	0.0145	0.095	0.089	0.106	0.117	0.329	0.33	0.328	0.332
6006	Satine 5500 5%, White Pearl		10		2011-SA1.XML	1	0.15	0.796	0.796	0.1092	0.0499	0.096	0.094	0.482	0.56	0.118	0.12	0.465	0.526
6007	Satine 5500 5%, Dark Grey White		10		2011-SA5.XML	1	0.15	0.834	0.834	0.0737	0.0439	0.079	0.078	0.317	0.433	0.109	0.11	0.327	0.415
6008	SuperScreen (300) 3%, White Pearl		10		2011-SA7.XML	1	0.15	0.856	0.856	0.0573	0.0224	0.136	0.136	0.612	0.612	0.168	0.17	0.547	0.547
6009	SuperScreen 3%, Pewter		10		2011-SA8.XML	1	0.15	0.868	0.868	0.0468	0.0244	0.045	0.045	0.170	0.170	0.088	0.09	0.208	0.208
6010	SuperTwill 3%, Bronze Linen Pewter		10		2011-SA10.XML	1	0.15	0.836	0.836	0.0656	0.0292	0.074	0.067	0.220	0.374	0.106	0.1	0.226	0.356
6011	SuperWeave 5%, Pewter		10		2011-SA6.XML	1	0.15	0.823	0.823	0.0938	0.0628	0.078	0.078	0.171	0.171	0.115	0.11	0.209	0.209

Nysan

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
6012	Serge (Helioscreen) 3% 2165, Grey White		10		2011- SA82.XML	1	0.15	0.862	0.854	0.0519	0.0519	0.069	0.067	0.316	0.434	0.095	0.09	0.329	0.420
6013	Serge 2165, Pearl White		10		2011- SA81.XML	1	0.15	0.84	0.832	0.0734	0.0734	0.123	0.124	0.498	0.568	0.142	0.14	0.460	0.518
6014	Paradise 11600, White		10		2011- SA80.XML	1	0.15	0.882	0.882	0.0472	0.0472	0.312	0.312	0.632	0.632	0.302	0.30	0.601	0.601

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
22000	ODL 14.8mm Slat, Deployed & Flat : White : 0 : 14.8		24																
22001	ODL 14.8mm Slat, Deployed & Closed : White : +70 : 14.8		24																
22002	ODL 14.8mm Slat, Deployed & +45 : White : +45 : 14.8		24																
22003	ODL 14.8mm Slat, Deployed & -45 : White : -45 : 14.8		24																
22004	ODL 12.3mm Slat, Deployed & -45 : Sand : -45 : 12.3		24																
22005	ODL 12.3mm Slat, Deployed & -45 : Tan : -45 : 12.3		24																

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
22006	ODL 12.3mm Slat, Deployed & Flat : Espresso : 0 : 12.3		24																
22007	ODL 12.3mm Slat, Deployed & Closed : Espresso : +70 : 12.3		24																
22008	ODL 12.3mm Slat, Deployed & +45 : Espresso : +45 : 12.3		24																
22009	ODL 12.3mm Slat, Deployed & Flat : Sand : 0 : 12.3		24																
22010	ODL 12.3mm Slat, Deployed & Closed : Sand : +70 : 12.3		24																
22011	ODL 12.3mm Slat, Deployed & +45 : Sand : +45 : 12.3		24																
22012	ODL 12.3mm Slat, Deployed & Flat : Tan : 0 : 12.3		24																
22013	ODL 12.3mm Slat, Deployed & Closed : Tan : +70 : 12.3		24																
22014	ODL 12.3mm Slat, Deployed & +45 : Tan : +45 : 12.3		24																

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
22015	ODL 12.3mm Slat, Deployed & Flat : White : 0 : 12.3		24																	
22016	ODL 12.3mm Slat, Deployed & Closed : White : +70 : 12.3		24																	
22017	ODL 12.3mm Slat, Deployed & +45 : White : +45 : 12.3		24																	
22018	ODL 12.3mm Slat, Deployed & -45 : White : -45 : 12.3		24																	
22019	ODL 14.8mm Slat, Deployed & -45 : Espresso : -45 : 14.8		24																	
22020	ODL 14.8mm Slat, Deployed & Flat : Espresso : 0 : 14.8		24																	
22021	ODL 14.8mm Slat, Deployed & Closed : Espresso : +70 : 14.8		24																	
22022	ODL 14.8mm Slat, Deployed & +45 : Espresso : +45 : 14.8		24																	
22023	ODL 14.8mm Slat, Deployed & Flat : Sand : 0 : 14.8		24																	

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
22024	ODL 14.8mm Slat, Deployed & Closed : Sand : +70 : 14.8		24																	
22025	ODL 14.8mm Slat, Deployed & +45 : Sand : +45 : 14.8		24																	
22026	ODL 14.8mm Slat, Deployed & Flat : Tan : 0 : 14.8		24																	
22027	ODL 14.8mm Slat, Deployed & Closed : Tan : +70 : 14.8		24																	
22028	ODL 14.8mm Slat, Deployed & +45 : Tan : +45 : 14.8		24																	
22029	ODL 11.4mm Slat, Deployed & Flat : White : 0 : 11.4		24																	
22030	ODL 11.4mm Slat, Deployed & Closed : White : +70 : 11.4		24																	
22031	ODL 11.4mm Slat, Deployed & +45 : White : +45 : 11.4		24																	
22032	ODL 11.4mm Slat, Deployed & Flat : Espresso : 0 : 11.4		24																	

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
22033	ODL 11.4mm Slat, Deployed & Closed : Espresso : +70 : 11.4		24																	
22034	ODL 11.4mm Slat, Deployed & +45 : Espresso : +45 : 11.4		24																	
22035	ODL 11.4mm Slat, Deployed & Flat : Sand : 0 : 11.4		24																	
22036	ODL 11.4mm Slat, Deployed & Closed : Sand : +70 : 11.4		24																	
22037	ODL 11.4mm Slat, Deployed & +45 : Sand : +45 : 11.4		24																	
22038	ODL 11.4mm Slat, Deployed & Flat : Tan : 0 : 11.4		24																	
22039	ODL 11.4mm Slat, Deployed & Closed : Tan : +70 : 11.4		24																	
22040	ODL 11.4mm Slat, Deployed & +45 : Tan : +45 : 11.4		24																	
22041	ODL 9.9mm Slat, Deployed & Flat : White : 0 : 9.9		24																	

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
22042	ODL 9.9mm Slat, Deployed & Closed : White : +70 : 9.9		24																	
22043	ODL 9.9mm Slat, Deployed & +45 : White : +45 : 9.9		24																	
22044	ODL 9.9mm Slat, Deployed & Flat : Espresso : 0 : 9.9		24																	
22045	ODL 9.9mm Slat, Deployed & Closed : Espresso : +70 : 9.9		24																	
22046	ODL 9.9mm Slat, Deployed & +45 : Espresso : +45 : 9.9		24																	
22047	ODL 9.9mm Slat, Deployed & Flat : Sand : 0 : 9.9		24																	
22048	ODL 9.9mm Slat, Deployed & Closed : Sand : +70 : 9.9		24																	
22049	ODL 9.9mm Slat, Deployed & +45 : Sand : +45 : 9.9		24																	
22050	ODL 9.9mm Slat, Deployed & Flat : Tan : 0 : 9.9		24																	

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}	
22051	ODL 9.9mm Slat, Deployed & Closed : Tan : +70 : 9.9		24																	
22052	ODL 9.9mm Slat, Deployed & +45 : Tan : +45 : 9.9		24																	
22053	ODL 12.3mm Slat, Deployed & -45 : Espresso : -45 : 12.3		24																	
22054	ODL 12.3mm Slat, Deployed & -45 : Sand : -45 : 12.3		24																	
22055	ODL 12.3mm Slat, Deployed & -45 : Tan : -45 : 12.3		24																	
22056	ODL 11.4mm Slat, Deployed & -45 : Espresso : -45 : 11.4		24																	
22057	ODL 11.4mm Slat, Deployed & -45 : Sand : -45 : 11.4		24																	
22058	ODL 11.4mm Slat, Deployed & -45 : Sand : -45 : 11.4		24																	
22059	ODL 11.4mm Slat, Deployed & -45 : Tan : -45 : 11.4		24																	

ODL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
22060	ODL 9.9mm Slat, Deployed & -45 : White : -45 : 9.9		24																
22061	ODL 9.9mm Slat, Deployed & -45 : Espresso : -45 : 9.9		24																
22062	ODL 9.9mm Slat, Deployed & -45 : Sand : -45 : 9.9		24																
22063	ODL 9.9mm Slat, Deployed & -45 : Tan : -45 : 9.9		24																

Pella

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
3000	Slim White VB Closed		1																
3001	Slim White VB 45		1																
3002	Slim White Open		1																
3003	Slim Marine Closed		1																
3004	Slim Marine 45		1																
3005	Slim Marine Open		1																

Phifer Incorporated

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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Phifer Incorporated

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
17000	sheerWeave 2360, P12 Oyster		10		2011-SA23.XML	1	0.15	0.778	0.778	0.1364	0.0981	0.255	0.255	0.699	0.699	0.278	0.28	0.622	0.622
17001	sheerWeave 2703, P13 Oyster/Beige		10		2011-SA14.XML	1	0.15	0.817	0.817	0.0934	0.0443	0.165	0.154	0.555	0.664	0.186	0.18	0.512	0.597
17002	sheerWeave 4000, V10 Ebony		10		2011-SA13.XML	1	0.15	0.808	0.808	0.0988	0.0663	0.070	0.070	0.035	0.035	0.071	0.07	0.034	0.034
17003	sheerWeave 4100,V07 Pewter		10		2011-SA15.XML	1	0.15	0.803	0.803	0.1042	0.0840	0.101	0.101	0.316	0.316	0.108	0.11	0.293	0.293
17004	sheerWeave 5000,Q94 Tweed/Oatmeal		10		2011-SA42.XML	1	0.15	0.808	0.808	0.0725	0.0514	0.079	0.079	0.314	0.377	0.113	0.11	0.319	0.419
17005	sheerWeave 7300,R29 Hide		10		2011-SA16.XML	1	0.15	0.86	0.87	0.0002	9E-06	1E-05	1E-05	0.807	0.17	6E-06	6E-06	0.731	0.446
17006	SunTex 80, Brown		10		2011-SA17.XML	1	0.15	0.670	0.670	0.2558	0.2739	0.285	0.285	0.035	0.035	0.285	0.28	0.035	0.035
17007	SunTex 90, Black		10		2011-SA84.XML	1	0.15	0.782	0.782	0.1231	0.1231	0.143	0.143	0.034	0.034	0.143	0.14	0.035	0.035
17008	SuperSolar Screening +, Charcoal		10		2011-SA83.XML	1	0.15	0.722	0.722	0.1898	0.1898	0.147	0.147	0.047	0.047	0.147	0.15	0.051	0.051
17009	sheerWeave 2390 Performance + Q20 Beige		10		2014-SC20.XML	0.5	0.15	0.162	0.793	0.0465	0.0606	0.08	0.077	0.696	0.541	0.083	0.08	0.705	0.507
17010	sheerWeave 2410 Performance + P13 Oyster/Beige		10		2014-SC21.XML	0.5	0.15	0.203	0.831	5E-05	0.037	0.053	0.053	0.704	0.651	0.055	0.06	0.714	0.601

Phifer Incorporated

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
17011	sheerWeave 2390 Performance + P13 Oyster/Beige		10		2014- SC22.XML	0.5	0.15	0.168	0.804	0.0279	0.0577	0.082	0.080	0.704	0.65	0.084	0.08	0.713	0.594
17012	sheerWeave 2390 Performance + P12 Oyster		10		2014- SC23.XML	0.5	0.15	0.195	0.822	0.0386	0.0570	0.084	0.081	0.687	0.742	0.086	0.08	0.697	0.665
17013	sheerWeave 2390 Performance + Q21 Beige/Pearl Gray		10		2014- SC24.XML	0.5	0.15	0.187	0.824	0.0234	0.0585	0.077	0.072	0.689	0.453	0.08	0.07	0.698	0.423
17014	sheerWeave 2410 Performance + V20 Pearl Gray		10		2014- SC25.XML	0.5	0.15	0.142	0.828	0.0475	0.0342	0.046	0.041	0.714	0.363	0.048	0.04	0.724	0.347
17015	sheerWeave 2410 Performance + Q20 Beige		10		2014- SC26.XML	0.5	0.15	0.179	0.831	0.023	0.0417	0.059	0.055	0.702	0.556	0.062	0.06	0.712	0.525
17016	sheerWeave 2410 Performance + V21 Charcoal		10		2014- SC27.XML	0.5	0.15	0.171	0.845	0.0226	0.0363	0.044	0.04	0.704	0.045	0.044	0.04	0.713	0.045
17017	sheerWeave 2390 Performance + V22 Charcoal Gray		10		2014- SC28.XML	0.5	0.15	0.176	0.805	0.0446	0.0665	0.077	0.072	0.687	0.101	0.077	0.07	0.696	0.095
17018	sheerWeave 2390 Performance + P14 Oyster/Pearl Gray		10		2014- SC29.XML	0.5	0.15	0.161	0.814	0.0660	0.0598	0.079	0.075	0.693	0.539	0.081	0.08	0.701	0.493
17019	sheerWeave 2390 Performance + V20 Pearl Gray		10		2014- SC30.XML	0.5	0.15	0.156	0.806	0.0218	0.0538	0.068	0.063	0.716	0.356	0.07	0.06	0.726	0.34

Phifer Incorporated

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
17020	sheerWeave 2410 Performance + Q21 Beige/Pearl Gray		10		2014-SC31.XML	0.5	0.15	0.183	0.810	0.0335	0.0590	0.077	0.072	0.689	0.449	0.079	0.07	0.699	0.419
17021	sheerWeave 2410 Performance + P12 Oyster		10		2014-SC33.XML	0.5	0.15	0.21	0.862	0.0002	0.0291	0.049	0.048	0.703	0.779	0.050	0.05	0.712	0.699
17022	sheerWeave 2410 Performance + P14 Oyster/Pearl Gray		10		2014-SC34.XML	0.5	0.15	0.179	0.875	0.023	0.0308	0.041	0.040	0.710	0.533	0.043	0.04	0.720	0.484
17023	sheerWeave 2390 Performance + V21 Charcoal		10		2014-SC35.XML	0.5	0.15	0.177	0.806	0.0482	0.0691	0.083	0.074	0.681	0.044	0.084	0.07	0.691	0.044
17024	sheerWeave 2410 Performance + V22 Charcoal Gray		10		2014-SC36.XML	0.5	0.15	0.172	0.843	0.0227	0.0368	0.045	0.041	0.697	0.109	0.046	0.04	0.706	0.101
17025	sheerWeave 2390 Performance + V24 CCL/Chestnut		10		2014-SC37.XML	0.5	0.15	0.185	0.784	0.0553	0.0678	0.082	0.073	0.652	0.057	0.083	0.07	0.661	0.067
17026	sheerWeave 2410 Performance + V24 CCL/Chestnut		10		2014-SC38.XML	0.5	0.15	0.181	0.832	0.0006	0.0378	0.047	0.041	0.696	0.058	0.048	0.04	0.708	0.069
17027	Suntex 95 Alpaca		17		Suntex_95_Alpaca.xml	0.7	0.2	0.82	0.82	0.09	0.0581	0.070	0.071	0.398	0.4	0.096	0.1	0.386	0.388
17028	Suntex 95 Black		17		Suntex_95_Black.xml	0.7	0.2	0.84	0.84	0.08	0.06	0.065	0.063	0.034	0.034	0.066	0.06	0.035	0.035
17029	Suntex 95 Carbon		17		Suntex_95_Carbon.xml	0.7	0.2	0.82	0.82	0.09	0.0563	0.063	0.064	0.105	0.099	0.067	0.07	0.102	0.099

Phifer Incorporated

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
17030	Suntex 95 Chestnut		17		Suntex_95_Chestnut.xml	0.7	0.2	0.81	0.81	0.09	0.0547	0.088	0.088	0.413	0.416	0.122	0.12	0.392	0.393
17031	Suntex 95 Dark Bronze		17		Suntex_95_Dark_Bronze.xml	0.7	0.2	0.83	0.83	0.08	0.0566	0.061	0.062	0.044	0.044	0.063	0.06	0.049	0.05
17032	Suntex 95 Mocha		17		Suntex_95_Mocha.xml	0.7	0.2	0.81	0.81	0.1	0.0587	0.068	0.067	0.224	0.223	0.086	0.09	0.240	0.24
17033	Suntex 95 Sand		17		Suntex_95_Sand.xml	0.7	0.2	0.82	0.82	0.09	0.0499	0.073	0.075	0.454	0.453	0.129	0.13	0.452	0.451
17034	Suntex 95 Stucco		17		Suntex_95_Stucco.xml	0.7	0.2	0.83	0.83	0.08	0.0526	0.098	0.096	0.529	0.529	0.154	0.15	0.511	0.512
17035	Suntex 95 White		17		Suntex_95_White.xml	0.7	0.2	0.83	0.83	0.08	0.0594	0.161	0.163	0.798	0.798	0.201	0.20	0.702	0.702
17036	Suntex 95 White Grey		17		Suntex_95_White_Grey.xml	0.7	0.2	0.82	0.82	0.09	0.0569	0.105	0.104	0.598	0.601	0.132	0.13	0.527	0.53
17037	Suntex 80 Beige		17		Suntex_80_Beige.xml	0.7	0.2	0.644	0.644	0.28	0.0210	0.284	0.283	0.316	0.318	0.313	0.31	0.309	0.312
17038	Suntex 80 Black		17		Suntex_80_Black.xml	0.7	0.2	0.662	0.662	0.27	0.0091	0.273	0.273	0.027	0.027	0.274	0.27	0.026	0.027
17039	Suntex 80 Brown		17		Suntex_80_Brown.xml	0.7	0.2	0.657	0.657	0.273	0.0086	0.27	0.27	0.036	0.035	0.269	0.27	0.036	0.036
17040	Suntex 80 Dark Bronze		17		Suntex_80_Dark_Bronze.xml	0.7	0.2	0.654	0.654	0.276	0.0088	0.271	0.271	0.038	0.039	0.274	0.27	0.042	0.042
17041	Suntex 80 Grey		17		Suntex_80_Grey.xml	0.7	0.2	0.654	0.654	0.273	0.0148	0.279	0.279	0.24	0.241	0.29	0.29	0.219	0.221

Phifer Incorporated

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
17042	Suntex 80 Stucco		17		Suntex_80_Stucco.xml	0.7	0.2	0.647	0.647	0.281	0.0349	0.296	0.296	0.398	0.384	0.328	0.33	0.382	0.370
17043	Suntex 90 Beige		17		Suntex_90_Beige.xml	0.8	0.2	0.775	0.775	0.137	0.017	0.132	0.133	0.378	0.379	0.162	0.16	0.365	0.366
17044	Suntex 90 Black		17		Suntex_90_Black.xml	0.8	0.2	0.783	0.783	0.135	0.0071	0.125	0.124	0.033	0.033	0.125	0.12	0.032	0.032
17045	Suntex 90 Brown		17		Suntex_90_Brown.xml	0.8	0.2	0.784	0.784	0.134	0.0072	0.117	0.115	0.041	0.041	0.117	0.11	0.042	0.042
17046	Suntex 90 Dark Bronze		17		Suntex_90_Dark_Bronze.xml	0.8	0.2	0.786	0.786	0.13	0.0072	0.116	0.117	0.042	0.043	0.118	0.12	0.045	0.046
17047	Suntex 90 Grey		17		Suntex_90_Grey.xml	0.8	0.2	0.774	0.774	0.138	0.0108	0.117	0.118	0.293	0.293	0.128	0.13	0.266	0.266
17048	Suntex 90 Stucco		17		Suntex_90_Stucco.xml	0.8	0.2	0.769	0.769	0.141	0.0332	0.151	0.149	0.467	0.483	0.184	0.18	0.441	0.456

Ricky Richards

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
1000	Black, Close Weave		10		Ricky Richards-Black Close Weave-oz20.xml	1	0.14	0.842	0.842	0.0740	0.041	0.045	0.045	0.066	0.066	0.045	0.05	0.061	0.061

Rollese Acmeda

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
50000	3000 Net 1% - White/White		17		3000 Net 1% - White-White.xml	0.7	0.15	0.792	0.792	0.069	0.0062	0.125	0.125	0.854	0.860	0.172	0.17	0.746	0.75
50001	3000 Net 1% - White/Beige		17		3000 Net 1% - White-Beige.xml	0.7	0.15	0.805	0.782	0.083	0.0035	0.104	0.107	0.716	0.718	0.162	0.16	0.642	0.644

Rollese Acmeda

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
50002	3000 Net 1% - White/Gray		17		3000 Net 1% - White-Gray.xml	0.7	0.15	0.779	0.779	0.093	0.0053	0.048	0.052	0.597	0.595	0.090	0.09	0.530	0.53
50003	3000 Net 1% - Beige/Beige		17		3000 Net 1% - Beige-Beige.xml	0.7	0.15	0.805	0.794	0.078	0.0015	0.109	0.116	0.562	0.562	0.174	0.18	0.523	0.523
50004	3000 Net 1% - Beige/Gray		17		3000 Net 1% - Beige-Gray.xml	0.7	0.15	0.826	0.788	0.076	0.0137	0.056	0.056	0.432	0.428	0.101	0.10	0.404	0.401
50005	3000 Net 1% - Gray/Gray		17		3000 Net 1% - Gray-Gray.xml	0.7	0.15	0.811	0.78	0.082	0.0034	0.015	0.016	0.323	0.324	0.047	0.05	0.312	0.314
50006	3000 Net 1% - Charcoal/Charcoal		17		3000 Net 1% - Charcoal-Charcoal.xml	0.7	0.15	0.794	0.804	0.083	0.0056	0.007	0.006	0.036	0.036	0.007	0.007	0.035	0.036
50007	3000 Net 1% - Charcoal/Bronze		17		3000 Net 1% - Charcoal-Bronze.xml	0.7	0.15	0.813	0.813	0.067	0.0044	0.005	0.005	0.052	0.053	0.007	0.006	0.056	0.057
50008	3000 Net 1% - Charcoal/Gray		17		3000 Net 1% - Charcoal-Gray.xml	0.7	0.15	0.779	0.779	0.105	0.0039	0.005	0.005	0.126	0.126	0.008	0.008	0.116	0.115
50009	3000 Net 3% - White/White		17		3000 Net 3% - White-White.xml	0.6	0.15	0.81	0.774	0.093	0.0368	0.153	0.149	0.808	0.806	0.202	0.2	0.713	0.712
50010	3000 Net 3% - White/Beige		17		3000 Net 3% - White-Beige.xml	0.6	0.15	0.801	0.801	0.098	0.0343	0.139	0.140	0.679	0.679	0.198	0.2	0.608	0.609
50011	3000 Net 3% - White/Gray		17		3000 Net 3% - White-Gray.xml	0.6	0.15	0.769	0.769	0.119	0.0250	0.058	0.061	0.53	0.533	0.101	0.11	0.478	0.481
50012	3000 Net 3% - Beige/Beige		17		3000 Net 3% - Beige-Beige.xml	0.6	0.15	0.81	0.774	0.09	0.0236	0.126	0.124	0.562	0.554	0.191	0.19	0.522	0.516
50013	3000 Net 3% - Beige/Gray		17		3000 Net 3% - Beige-Gray.xml	0.6	0.15	0.807	0.805	0.082	0.0371	0.088	0.085	0.415	0.414	0.137	0.13	0.391	0.390

Rollese Acmeda

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
50014	3000 Net 3% - Gray/Gray		17		3000 Net 3% - Gray-Gray.xml	0.6	0.15	0.773	0.792	0.094	0.0301	0.046	0.047	0.327	0.324	0.081	0.08	0.319	0.316
50015	3000 Net 3% - Charcoal/Charcoal		17		3000 Net 3% - Charcoal-Charcoal.xml	0.6	0.15	0.761	0.802	0.1	0.0382	0.041	0.041	0.034	0.035	0.042	0.04	0.034	0.035
50016	3000 Net 3% - Charcoal/Bronze		17		3000 Net 3% - Charcoal-Bronze.xml	0.6	0.15	0.779	0.828	0.09	0.0291	0.032	0.033	0.062	0.063	0.035	0.04	0.069	0.071
50017	3000 Net 3% - Charcoal/Gray		17		3000 Net 3% - Charcoal-Gray.xml	0.6	0.15	0.781	0.825	0.078	0.0312	0.037	0.037	0.168	0.169	0.043	0.04	0.154	0.155
50018	3000 Net 5% - White/White		17		3000 Net 5% - White-White.xml	0.6	0.15	0.8	0.752	0.106	0.0542	0.172	0.172	0.787	0.785	0.224	0.22	0.687	0.685
50019	3000 Net 5% - White/Beige		17		3000 Net 5% - White-Beige.xml	0.6	0.15	0.772	0.779	0.108	0.0635	0.181	0.181	0.636	0.638	0.239	0.24	0.572	0.573
50020	3000 Net 5% - White/Gray		17		3000 Net 5% - White-Gray.xml	0.6	0.15	0.789	0.756	0.117	0.0614	0.104	0.103	0.489	0.49	0.151	0.15	0.446	0.446
50021	3000 Net 5% - Beige/Beige		17		3000 Net 5% - Beige-Beige.xml	0.6	0.15	0.774	0.783	0.12	0.064	0.191	0.193	0.527	0.529	0.251	0.25	0.488	0.490
50022	3000 Net 5% - Beige/Gray		17		3000 Net 5% - Beige-Gray.xml	0.6	0.15	0.78	0.794	0.095	0.048	0.099	0.100	0.402	0.401	0.152	0.15	0.384	0.383
50023	3000 Net 5% - Gray/Gray		17		3000 Net 5% - Gray-Gray.xml	0.6	0.15	0.807	0.784	0.087	0.0658	0.088	0.086	0.306	0.305	0.128	0.12	0.299	0.297
50024	3000 Net 5% - Charcoal/Charcoal		17		3000 Net 5% - Charcoal-Charcoal.xml	0.6	0.15	0.796	0.788	0.099	0.0511	0.055	0.055	0.035	0.035	0.056	0.06	0.035	0.035
50025	3000 Net 5% - Charcoal/Bronze		17		3000 Net 5% - Charcoal-Bronze.xml	0.6	0.15	0.782	0.782	0.107	0.0667	0.072	0.069	0.06	0.059	0.078	0.08	0.068	0.067

Rollese Acmeda

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
50026	3000 Net 5% - Charcoal/Gray		17		3000 Net 5% - Charcoal-Gray.xml	0.6	0.15	0.8	0.764	0.094	0.0662	0.077	0.073	0.171	0.169	0.088	0.08	0.158	0.156
50027	3000 Net 10% - White/White		17		3000 Net 10% - White-White.xml	0.5	0.15	0.765	0.757	0.127	0.0826	0.203	0.204	0.76	0.757	0.251	0.25	0.667	0.664
50028	3000 Net 10% - White/Beige		17		3000 Net 10% - White-Beige.xml	0.5	0.15	0.733	0.767	0.126	0.0813	0.204	0.205	0.637	0.633	0.257	0.26	0.574	0.57
50029	3000 Net 10% - White/Gray		17		3000 Net 10% - White-Gray.xml	0.5	0.15	0.773	0.773	0.084	0.057	0.099	0.102	0.487	0.490	0.145	0.15	0.444	0.446
50030	3000 Net 10% - Charcoal/Charcoal		17		3000 Net 10% - Charcoal-Charcoal.xml	0.5	0.15	0.77	0.77	0.129	0.0820	0.086	0.085	0.037	0.037	0.087	0.09	0.036	0.037
50031	3000 HT 3% - White/White		17		3000 HT 3% - White-White.xml	0.6	0.15	0.765	0.765	0.116	0.0444	0.189	0.186	0.764	0.77	0.233	0.23	0.675	0.679
50032	3000 HT 3% - White/Beige		17		3000 HT 3% - White-Beige.xml	0.6	0.15	0.762	0.763	0.11	0.064	0.196	0.206	0.651	0.573	0.245	0.25	0.585	0.531
50033	3000 HT 3% - White/Light Gray		17		3000 HT 3% - White-Light Gray.xml	0.6	0.15	0.753	0.786	0.113	0.0519	0.136	0.142	0.611	0.435	0.183	0.19	0.553	0.425
50034	3000 HT 3% - White/Dim Gray		17		3000 HT 3% - White-Dim Gray.xml	0.6	0.15	0.818	0.755	0.827	0.0441	0.08	0.086	0.536	0.238	0.111	0.12	0.479	0.245
50035	3000 HT 3% - White/Bronze		17		3000 HT 3% - White-Bronze.xml	0.6	0.15	0.796	0.759	0.092	0.0539	0.079	0.080	0.491	0.161	0.105	0.11	0.431	0.166
50036	3000 HT 3% - White/Charcoal		17		3000 HT 3% - White-Charcoal.xml	0.6	0.15	0.776	0.778	0.107	0.0531	0.071	0.071	0.484	0.122	0.075	0.08	0.405	0.099
50037	3000 HT 5% - White/White		17		3000 HT 5% - White-White.xml	0.5	0.15	0.774	0.772	0.11	0.0710	0.21	0.217	0.742	0.736	0.257	0.26	0.654	0.648

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ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
50038	3000 HT 5% - White/Beige		17		3000 HT 5% - White-Beige.xml	0.5	0.15	0.797	0.745	0.101	0.0633	0.205	0.206	0.653	0.579	0.253	0.25	0.589	0.538
50039	3000 HT 5% - White/Light Gray		17		3000 HT 5% - White-Light Gray.xml	0.5	0.15	0.766	0.75	0.13	0.0712	0.162	0.171	0.615	0.45	0.215	0.22	0.553	0.436
50040	3000 HT 5% - White/Dim Gray		17		3000 HT 5% - White-Dim Gray.xml	0.5	0.15	0.756	0.745	0.131	0.0748	0.123	0.138	0.539	0.262	0.158	0.17	0.481	0.264
50041	3000 HT 5% - White/Bronze		17		3000 HT 5% - White-Bronze.xml	0.5	0.15	0.789	0.762	0.107	0.0498	0.073	0.080	0.502	0.167	0.098	0.11	0.442	0.175
50042	3000 HT 5% - White/Charcoal		17		3000 HT 5% - White-Charcoal.xml	0.5	0.15	0.779	0.778	0.095	0.0433	0.059	0.062	0.487	0.121	0.063	0.07	0.412	0.102
50043	SilverScreen 2% - White		17		SilverScreen 2% - White.xml	0.5	0.15	0.084	0.757	0.471	0.0208	0.030	0.029	0.766	0.785	0.031	0.03	0.789	0.717
50044	SilverScreen 2% - Beige		17		SilverScreen 2% - Beige.xml	0.5	0.15	0.093	0.786	0.056	0.0277	0.040	0.038	0.764	0.672	0.041	0.04	0.784	0.634
50045	SilverScreen 2% - Light Gray		17		SilverScreen 2% - Light Gray.xml	0.5	0.15	0.084	0.767	0.063	0.0218	0.032	0.031	0.777	0.606	0.032	0.03	0.798	0.565
50046	SilverScreen 2% - Black		17		SilverScreen 2% - Black.xml	0.5	0.15	0.086	0.76	0.074	0.0211	0.027	0.021	0.786	0.055	0.028	0.02	0.808	0.053
50047	SilverScreen 2% - Dark Gray		17		SilverScreen 2% - Dark Gray.xml	0.5	0.15	0.089	0.787	0.059	0.0239	0.031	0.027	0.778	0.085	0.031	0.03	0.797	0.088
50048	SilverScreen 2% - Bronze		17		SilverScreen 2% - Bronze.xml	0.5	0.15	0.084	0.782	0.065	0.0293	0.038	0.03	0.779	0.128	0.038	0.03	0.798	0.125
50049	SilverScreen 2% - Steel Gray		17		SilverScreen 2% - Steel Gray.xml	0.5	0.15	0.082	0.729	0.065	0.0193	0.027	0.023	0.773	0.294	0.027	0.02	0.793	0.304

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ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
50050	SilverScreen 4% - White		17		SilverScreen 4% - White.xml	0.5	0.15	0.102	0.776	0.062	0.0356	0.052	0.050	0.738	0.767	0.052	0.05	0.759	0.696
50051	SilverScreen 4% - Beige		17		SilverScreen 4% - Beige.xml	0.5	0.15	0.223	0.767	0.065	0.0450	0.060	0.055	0.638	0.651	0.062	0.06	0.676	0.611
50052	SilverScreen 4% - Light Gray		17		SilverScreen 4% - Light Gray.xml	0.5	0.15	0.125	0.808	0.046	0.0393	0.054	0.048	0.714	0.573	0.055	0.05	0.747	0.527
50053	SilverScreen 4% - Bronze		17		SilverScreen 4% - Bronze.xml	0.5	0.15	0.107	0.772	0.07	0.0336	0.042	0.038	0.716	0.126	0.042	0.04	0.749	0.12
50054	SilverScreen 4% - Dark Gray		17		SilverScreen 4% - Dark Gray.xml	0.5	0.15	0.097	0.76	0.072	0.0361	0.045	0.039	0.734	0.082	0.046	0.04	0.760	0.088
50055	SilverScreen 4% - Black		17		SilverScreen 4% - Black.xml	0.5	0.15	0.119	0.801	0.047	0.0441	0.054	0.049	0.702	0.046	0.054	0.05	0.734	0.044
50056	SilverScreen 4% - Chocolate Brown		17		SilverScreen 4% - Chocolate Brown.xml	0.5	0.15	0.119	0.81	0.038	0.0411	0.051	0.044	0.723	0.055	0.051	0.04	0.752	0.055
50057	SilverScreen 4% - Misty Gray		17		SilverScreen 4% - Misty Gray.xml	0.5	0.15	0.119	0.778	0.05	0.0379	0.052	0.047	0.733	0.376	0.053	0.05	0.760	0.357
50058	SilverScreen 4% - Steel Gray		17		SilverScreen 4% - Steel Gray.xml	0.5	0.15	0.101	0.788	0.042	0.0396	0.051	0.044	0.737	0.299	0.052	0.05	0.758	0.306
50059	SilverScreen 4% - Dark Beige		17		SilverScreen 4% - Dark Beige.xml	0.5	0.15	0.121	0.766	0.063	0.0397	0.054	0.053	0.718	0.555	0.056	0.05	0.747	0.535
50060	OmniaScreen 3% - White-White		17		OmniaScreen 3% - White-White.xml	0.6	0.15	0.149	0.776	0.059	0.0293	0.046	0.043	0.729	0.801	0.048	0.05	0.752	0.716
50061	OmniaScreen 3% - White-Beige		17		OmniaScreen 3% - White-Beige.xml	0.6	0.15	0.14	0.81	0.051	0.0433	0.060	0.056	0.668	0.654	0.063	0.06	0.699	0.602

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50062	OmniaScreen 3% - White-Gray		17		OmniaScreen 3% - White-Gray.xml	0.6	0.15	0.134	0.78	0.056	0.0303	0.042	0.035	0.802	0.524	0.042	0.04	0.812	0.476
50063	OmniaScreen 3% - Charcoal-Charcoal		17		OmniaScreen 3% - Charcoal-Charcoal.xml	0.6	0.15	0.127	0.768	0.039	0.0320	0.039	0.033	0.686	0.039	0.04	0.03	0.715	0.038
50064	OmniaScreen 3% - Charcoal-Bronze		17		OmniaScreen 3% - Charcoal-Bronze.xml	0.6	0.15	0.129	0.727	0.083	0.0307	0.039	0.035	0.746	0.066	0.039	0.03	0.773	0.072
50065	OmniaScreen 3% - Charcoal-Dark Gray		17		OmniaScreen 3% - Charcoal-Dark Gray.xml	0.6	0.15	0.115	0.804	0.055	0.0395	0.049	0.045	0.689	0.085	0.049	0.05	0.710	0.085
50066	EnviroScreen 2% - Light Gray		17		EnviroScreen 2% - Light Gray.xml	0.5	0.15	0.212	0.759	0.047	0.0116	0.033	0.04	0.714	0.622	0.035	0.04	0.733	0.601
50067	EnviroScreen 2% - Beige		17		EnviroScreen 2% - Beige.xml	0.5	0.15	0.203	0.772	0.059	0.0139	0.032	0.041	0.717	0.526	0.035	0.04	0.736	0.555
50068	EnviroScreen 2% - Tan		17		EnviroScreen 2% - Tan.xml	0.5	0.15	0.218	0.775	0.057	0.0128	0.029	0.038	0.734	0.442	0.034	0.04	0.753	0.535
50069	EnviroScreen 2% - Black		17		EnviroScreen 2% - Black.xml	0.5	0.15	0.256	0.759	0.054	0.0133	0.016	0.015	0.649	0.033	0.034	0.04	0.673	0.347
50070	EnviroScreen 2% - Steel Gray		17		EnviroScreen 2% - Steel Gray.xml	0.5	0.15	0.254	0.791	0.053	0.0129	0.023	0.027	0.723	0.213	0.032	0.04	0.742	0.433
50071	EnviroScreen 2% - Dark Gray		17		EnviroScreen 2% - Dark Gray.xml	0.5	0.15	0.233	0.764	0.049	0.0123	0.017	0.018	0.724	0.072	0.028	0.03	0.745	0.367
50072	Balmoral BO - Pearl		17		Balmoral BO - Pearl.xml	0.6	0.15	0.863	0.842	0	2E-05	3E-05	3E-05	0.81	0.802	1E-04	9E-05	0.697	0.728
50073	Balmoral BO - Pyrite		17		Balmoral BO - Pyrite.xml	0.6	0.15	0.871	0.828	0	9E-06	3E-05	2E-05	0.819	0.269	9E-05	7E-05	0.721	0.288

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50074	Balmoral BO - Dove		17		Balmoral BO - Dove.xml	0.6	0.15	0.875	0.823	0	3E-05	4E-05	3E-05	0.811	0.401	1E-04	8E-05	0.716	0.432
50075	Balmoral BO - Putty		17		Balmoral BO - Putty.xml	0.6	0.15	0.871	0.827	0	3E-05	3E-05	2E-05	0.765	0.652	9E-05	7E-05	0.677	0.618
50076	Balmoral BO - Birch		17		Balmoral BO - Birch.xml	0.6	0.15	0.869	0.832	0	1E-05	3E-05	2E-05	0.802	0.652	9E-05	8E-05	0.704	0.622
50077	Balmoral BO - Concrete		17		Balmoral BO - Concrete.xml	0.6	0.15	0.873	0.836	0	2E-05	3E-05	8E-06	0.787	0.558	8E-05	8E-05	0.678	0.563
50078	Balmoral BO - White		17		Balmoral BO - White.xml	0.6	0.15	0.886	0.774	0	2E-05	3E-05	4E-05	0.835	0.797	7E-05	9E-05	0.716	0.727
50079	Balmoral BO - Bourneville		17		Balmoral BO - Bourneville.xml	0.6	0.15	0.86	0.838	0	1E-05	2E-05	2E-05	0.815	0.084	6E-05	6E-05	0.718	0.107
50080	Balmoral BO - Jet		17		Balmoral BO - Jet.xml	0.6	0.15	0.871	0.842	0	2E-06	1E-05	2E-05	0.79	0.057	6E-05	6E-05	0.686	0.063
50081	Balmoral Blackout (Steel)		17		Balmoral Blackout - Steel.xml	0.6	0.15	0.834	0.887	0	8E-09	0	2E-05	0.862	0.194	7E-05	6E-05	0.746	0.199
50082	Balmoral LF - Pearl		17		Balmoral LF - Pearl.xml	0.5	0.15	0.724	0.735	0.12	0.0445	0.467	0.470	0.499	0.51	0.461	0.46	0.48	0.491
50083	Balmoral LF - Pyrite		17		Balmoral LF - Pyrite.xml	0.5	0.15	0.735	0.745	0.115	0.0318	0.135	0.141	0.156	0.191	0.155	0.16	0.17	0.204
50084	Balmoral LF - Dove		17		Balmoral LF - Dove.xml	0.5	0.15	0.74	0.751	0.096	0.039	0.257	0.258	0.304	0.291	0.295	0.3	0.33	0.324
50085	Balmoral LF - Putty		17		Balmoral LF - Putty.xml	0.5	0.15	0.704	0.77	0.107	0.0369	0.388	0.387	0.458	0.435	0.397	0.4	0.456	0.436

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50086	Balmoral Blackout (Birch)		17		Balmoral Light Filtering - Birch.xml	0.6	0.15	0.718	0.718	0.113	0.0256	0.393	0.398	0.445	0.444	0.403	0.41	0.443	0.441
50087	Balmoral LF - Concrete		17		Balmoral LF - Concrete.xml	0.5	0.15	0.754	0.726	0.11	0.0345	0.330	0.323	0.388	0.385	0.353	0.35	0.405	0.401
50088	Balmoral LF - White		17		Balmoral LF - White.xml	0.5	0.15	0.748	0.74	0.105	0.0266	0.451	0.452	0.509	0.527	0.443	0.44	0.492	0.510
50089	Balmoral LF - Bourneville		17		Balmoral LF - Bourneville.xml	0.5	0.15	0.781	0.747	0.084	0.0352	0.073	0.075	0.073	0.060	0.087	0.09	0.085	0.067
50090	Balmoral Blackout (Jet)		17		Balmoral Light Filtering - Jet.xml	0.6	0.15	0.736	0.756	0.0934	0.0379	0.060	0.055	0.043	0.048	0.065	0.06	0.045	0.053
50091	Balmoral LF - Steel		17		Balmoral LF - Steel.xml	0.5	0.15	0.743	0.725	0.12	0.0454	0.126	0.122	0.150	0.123	0.139	0.14	0.178	0.129
50092	Mesa - Dove White		17		Mesa - Dove White.xml	0.6	0.15	0.795	0.824	0	7E-06	4E-05	4E-05	0.832	0.835	9E-05	0.0001	0.723	0.765
50093	Mesa - White		17		Mesa - White.xml	0.6	0.15	0.867	0.878	0	1E-05	4E-05	5E-05	0.846	0.871	0.0001	0.0001	0.749	0.789
50094	Mesa - Pearl		17		Mesa - Pearl.xml	0.6	0.15	0.874	0.88	0	2E-05	4E-05	2E-05	0.840	0.766	9E-05	0.0001	0.727	0.72
50095	Mesa - Latte		17		Mesa - Latte.xml	0.6	0.15	0.864	0.877	0	4E-05	7E-05	2E-05	0.332	0.838	0.0001	7E-05	0.341	0.739
50096	Mesa - Seal		17		Mesa - Seal.xml	0.6	0.15	0.883	0.893	0	2E-05	4E-05	3E-05	0.784	0.214	8E-05	9E-05	0.687	0.195
50097	Mesa - Cocoa		17		Mesa - Cocoa.xml	0.6	0.15	0.871	0.865	0	2E-05	6E-05	5E-05	0.823	0.062	0.0001	8E-05	0.724	0.062

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50098	Mesa - Slate		17		Mesa - Slate.xml	0.6	0.15	0.84	0.875	0	1E-05	5E-05	2E-05	0.863	0.140	1E-04	8E-05	0.764	0.122
50099	Mesa Blackout (Black)		17		Mesa Blackout - Black.xml	0.6	0.15	0.842	0.874	0	4E-06	1E-05	1E-05	0.849	0.038	7E-05	6E-05	0.747	0.036
50100	Tempe - Polar		17		Tempe - Polar.xml	0.4	0.15	0.877	0.842	0	5E-05	8E-05	4E-05	0.765	0.809	0.0002	0.0002	0.647	0.687
50101	Tempe - Linen		17		Tempe - Linen.xml	0.4	0.15	0.875	0.878	0	1E-05	4E-05	6E-05	0.778	0.772	0.001	0.001	0.661	0.648
50102	Tempe - Almond		17		Tempe - Almond.xml	0.4	0.15	0.875	0.856	0	6E-06	3E-05	6E-05	0.764	0.716	0.0005	0.0005	0.663	0.631
50103	Tempe - Straw		17		Tempe - Straw.xml	0.4	0.15	0.869	0.861	0	1E-05	4E-05	5E-05	0.757	0.698	0.0009	0.0009	0.643	0.603
50104	Tempe - Cloud		17		Tempe - Cloud.xml	0.4	0.15	0.876	0.852	0	9E-06	4E-05	5E-05	0.774	0.57	0.0009	0.0009	0.651	0.489
50105	Tempe - Wheat		17		Tempe - Wheat.xml	0.4	0.15	0.878	0.875	0	2E-05	5E-05	4E-05	0.772	0.488	0.001	0.001	0.649	0.446
50106	Tempe - Desert		17		Tempe - Desert.xml	0.4	0.15	0.874	0.863	0	1E-05	4E-05	5E-05	0.774	0.388	0.0007	0.0007	0.65	0.346
50107	Tempe - Espresso		17		Tempe - Espresso.xml	0.4	0.15	0.869	0.893	0	3E-05	5E-05	5E-05	0.757	0.084	0.0001	1E-04	0.637	0.08
50108	X-Weave - Sand		17		X-Weave - Sand.xml	0.8	0.15	0.765	0.765	0.11	0.0722	0.169	0.169	0.541	0.541	0.231	0.23	0.497	0.497
50109	X-Weave - Stone Gray		17		X-Weave - Stone Gray.xml	0.8	0.15	0.791	0.791	0.081	0.0695	0.083	0.083	0.294	0.294	0.11	0.11	0.282	0.282

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50110	X-Weave - Slate		17		X-Weave - Slate.xml	0.8	0.15	0.755	0.755	0.129	0.0705	0.075	0.075	0.081	0.081	0.077	0.08	0.075	0.075
50111	X-Weave - Mohogany		17		X-Weave - Mohogany.xml	0.8	0.15	0.75	0.75	0.142	0.0825	0.088	0.088	0.057	0.057	0.091	0.09	0.057	0.057
50112	X-Weave - Graphite		17		X-Weave - Graphite.xml	0.8	0.15	0.761	0.761	0.125	0.0721	0.128	0.128	0.122	0.122	0.128	0.13	0.114	0.114
50113	X-Weave - Onyx		17		X-Weave - Onyx.xml	0.8	0.15	0.761	0.761	0.127	0.0834	0.088	0.088	0.028	0.028	0.088	0.09	0.026	0.026
50114	3000 Net Privacy - White-White		17		3000 Net Privacy - White-White.xml	0.7	0.15	0.768	0.768	0.096	0.0026	0.113	0.113	0.834	0.834	0.164	0.16	0.733	0.733
50115	3000 Net Privacy - White-Beige		17		3000 Net Privacy - White-Beige.xml	0.7	0.15	0.707	0.707	0.154	0.0014	0.039	0.039	0.601	0.601	0.078	0.08	0.539	0.539
50116	3000 Net Privacy - White-Gray		17		3000 Net Privacy - White-Gray.xml	0.7	0.15	0.754	0.754	0.119	0.0006	0.098	0.098	0.731	0.731	0.155	0.16	0.654	0.654
50117	3000 Net Privacy - Gray-Gray		17		3000 Net Privacy - Gray-Gray.xml	0.7	0.15	0.762	0.762	0.113	0.0003	0.011	0.011	0.326	0.326	0.044	0.04	0.318	0.318
50118	3000 Net Privacy - Charcoal-Gray		17		3000 Net Privacy - Charcoal-Gray.xml	0.7	0.15	0.776	0.776	0.102	2E-05	0.0003	0.0003	0.12	0.12	0.002	0.002	0.108	0.108
50119	3000 Net Privacy - Charcoal-Bronze		17		3000 Net Privacy - Charcoal-Bronze.xml	0.7	0.15	0.801	0.801	0.055	8E-05	0.0001	0.0001	0.052	0.052	0.001	0.001	0.055	0.055
50120	3000 Net Privacy - Charcoal-Charcoal		17		3000 Net Privacy - Charcoal-Charcoal.xml	0.7	0.15	0.831	0.831	0.036	0.0014	0.002	0.002	0.034	0.034	0.002	0.002	0.033	0.033

Shanghai King Shine Plastic M

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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Shanghai King Shine Plastic M

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
24500	White Venetian Blind Open (Shanghai King Shine)		7																	
24501	White Venetian Blind Closed (Shanghai King Shine)		7																	
24502	White Venetian Blind 45 (Shanghai King Shine)		7																	

Shaw

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1500	Alabaster 2772		10		Shaw-Alabaster 2772-oz35.xml	1	0.14	0.88	0.87	0.0002	0	0	0	0.826	0.826	7E-05	3E-05	0.759	0.673
1501	Urbanshade White 2685		10		Shaw-Urbanshade White 2685-oz34.xml	1	0.14	0.813	0.813	0.0728	0	0	0	0.850	0.850	0	0	0.798	0.739

Shucheng Energy Saving Techn

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB	
48000	SCES Venetian Blind White - Open		16																	
48001	SCES Venetian Blind White - 45		16																	
48002	SCES Venetian Blind White - Closed		16																	

Springs Windows Fashions

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
21000	Cocoon Mist 3812		10		2014-SC5.XML	0.5	0.15	0.761	0.761	7E-05	0	0.0006	0.0006	0.605	0.721	0.001	0.001	0.662	0.720
21001	Solitude Coffee 1707		10		2014-SC6.XML	0.5	0.15	0.712	0.712	3E-05	0	0.0001	0.0001	0.214	0.688	0.0003	0.0003	0.441	0.710
21002	Zest Spruce 2203		10		2014-SC7.XML	0.5	0.15	0.699	0.699	0.0973	0.0093	0.389	0.459	0.345	0.544	0.429	0.46	0.432	0.536
21003	Iron Gate 2441		10		2014-SC8.XML	0.5	0.15	0.715	0.715	0.0875	0.0121	0.122	0.465	0.082	0.553	0.282	0.47	0.303	0.547
21004	Daydream Camel		10		2014-SC9.XML	0.5	0.15	0.717	0.717	0.1269	0.0363	0.438	0.605	0.241	0.391	0.467	0.61	0.257	0.386
21005	Ferrari FT381		10		2014-SC10.XML	0.5	0.15	0.507	0.623	0.2946	0.2382	0.253	0.254	0.412	0.428	0.258	0.26	0.400	0.410

Sunset Windows and Doors LL

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
27000	Sunset White Venetian Blind Open		10																
27001	Sunset White Venetian Blind Closed		10																
27002	Sunset White Venetian Blind 45		10																

ThermeShade

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
18000	ThermeShade TS700		24		thermeshade700.xml	0.2	160	0.587	0.568	0.34	0.3404	0.340	0.340	0.571	0.467	0.341	0.34	0.549	0.480

Trimlite

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
25000	White Venetian Blind Open (Trimlite)		7																
25001	White Venetian Blind Closed (Trimlite)		7																
25002	White Venetian Blind 45 (Trimlite)		7																

Twitchell

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
19000	ShadeView, Light Grey		10		2011-SA19.XML	1	0.15	0.768	0.768	0.144	0.1598	0.272	0.272	0.303	0.303	0.288	0.29	0.286	0.286
19001	Sunsure, Royal Blue		10		2011-SA20.XML	1	0.15	0.821	0.821	0.0732	0.0766	0.087	0.087	0.109	0.109	0.201	0.20	0.303	0.303
19002	Textilene,awning White		10		2011-SA18.XML	1	0.15	0.829	0.829	0.0734	0.0686	0.132	0.132	0.819	0.819	0.176	0.18	0.73	0.73
19003	Textilene 80, Black		10		2011-SA22.XML	1	0.15	0.645	0.645	0.2829	0.2798	0.290	0.290	0.029	0.029	0.289	0.29	0.028	0.028
19004	Textilene 90, Black		10		2011-SA21.XML	1	0.15	0.781	0.781	0.1277	0.1339	0.142	0.142	0.035	0.035	0.142	0.14	0.034	0.034

Uniline

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
4000	Uniview Charcoal		10		Uniline-Uniview Charcoal-oz61.xml	1	0.14	0.861	0.861	0.0749	0.065	0.07	0.07	0.038	0.038	0.07	0.07	0.037	0.037

Verosol

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	εf	εb	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20000	EnviroScreen 810/998, grey(dark)silver		10		2011- SA69.XML	1	0.15	0.688	0.293	0.1462	0.1116	0.119	0.119	0.115	0.115	0.131	0.13	0.377	0.377
20001	EnviroScreen 810/000, silver/silver		10		2011- SA70.XML	1	0.15	0.284	0.284	0.0984	0.129	0.155	0.155	0.543	0.543	0.155	0.16	0.537	0.537
20002	EnviroScreen 810/711, gold/silver		10		2011- SA71.XML	1	0.15	0.689	0.301	0.1469	0.1064	0.141	0.141	0.508	0.508	0.143	0.14	0.529	0.529
20003	EnviroScreen 810/936, grey(light)/silver		10		2011- SA72.XML	1	0.15	0.68	0.282	0.1488	0.1113	0.125	0.125	0.261	0.261	0.133	0.13	0.440	0.440
20004	SilverScreen EB01,black/silver		10		2011- SA73.XML	1	0.15	0.839	0.144	0.0664	0.0382	0.041	0.041	0.054	0.054	0.041	0.04	0.052	0.052
20005	SilverScreen EB03,white+light grey/silver		10		2011- SA77.XML	1	0.15	0.843	0.164	0.0409	0.0337	0.035	0.035	0.14	0.14	0.035	0.04	0.134	0.134
20006	SilverScreen EB04,black+brown/silv er		10		2011- SA76.XML	1	0.15	0.810	0.138	0.0675	0.0346	0.040	0.040	0.064	0.064	0.040	0.04	0.065	0.065
20007	SilverScreen EC01,dark grey/silver		10		2011- SA79.XML	1	0.15	0.848	0.124	0.057	0.0396	0.047	0.047	0.392	0.392	0.047	0.05	0.378	0.378
20008	SilverScreen EC02,dark+light grey/silver		10		2011- SA74.XML	1	0.15	0.841	0.171	0.0442	0	0.044	0.044	0.297	0.297	0.045	0.05	0.307	0.307
20009	SilverScreen ED03,light grey/silver		10		2011- SA78.XML	1	0.15	0.819	0.135	0.063	0.0369	0.045	0.045	0.587	0.587	0.045	0.05	0.529	0.529
20010	SilverScreen ED04,tan+pearl/silver		10		2011- SA75.XML	1	0.15	0.841	0.132	0.0593	0.0337	0.042	0.042	0.586	0.586	0.043	0.04	0.562	0.562

Verosol

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
20011	Silverscreen 205ED02		10		Verosol Silverscreen 205ED02-SE21.xml	0.8	0.3	0.881	0.117	0.02	0.0349	0.046	0.046	0.679	0.679	0.047	0.05	0.633	0.633
20012	Silverscreen 205EC01		10		Verosol Silverscreen 205EC01-SE22rev.xml	0.8	0.3	0.106	0.861	0.02	0.0380	0.053	0.048	0.742	0.378	0.054	0.05	0.762	0.358
20013	205-EB03		10		Verosol 205-EB03-SE23rev.xml	0.8	0.3	0.11	0.850	0.0541	0.0400	0.053	0.045	0.743	0.131	0.053	0.05	0.763	0.124
20014	205-ED01		10		Verosol 205-ED01-SE24rev.xml	0.8	0.3	0.077	0.833	0.0492	0.0413	0.059	0.054	0.762	0.770	0.060	0.05	0.783	0.693
20015	205-ED04		10		Verosol 205-ED04-SE25rev.xml	0.8	0.3	0.096	0.791	0.0735	0.0422	0.059	0.053	0.758	0.557	0.060	0.05	0.774	0.534
20016	205-ED03		10		Verosol 205-ED03-SE26rev.xml	0.8	0.3	0.105	0.833	0.0524	0.0399	0.057	0.052	0.746	0.587	0.057	0.05	0.766	0.535
20017	205-EB04		10		Verosol 205-EB04-SE27rev.xml	0.8	0.3	0.104	0.875	0.0354	0.0414	0.054	0.046	0.743	0.064	0.055	0.05	0.762	0.064
20018	205-EB02		10		Verosol 205-EB02-SE28rev.xml	0.8	0.3	0.109	0.841	0.0547	0.0341	0.045	0.039	0.757	0.088	0.049	0.04	0.783	0.092
20019	202-ED01		10		Verosol 202-ED01-SE29rev.xml	0.8	0.3	0.094	0.854	0.0233	0.0187	0.03	0.026	0.749	0.813	0.028	0.03	0.77	0.741
20020	205-EC02		10		Verosol 205-EC02-SE31rev.xml	0.9	0.3	0.114	0.825	0.0567	0.037	0.052	0.045	0.746	0.286	0.053	0.05	0.767	0.293
20021	205-EB01		10		Verosol 205-EB01-SE32rev.xml	0.8	0.3	0.111	0.800	0.0875	0.036	0.045	0.04	0.749	0.054	0.045	0.04	0.764	0.053
20022	SWC M392		10		Verosol SWC M392-SE40rev.xml	0.8	0.3	0.103	0.771	0.1046	0.0389	0.041	0.04	0.736	0.112	0.041	0.04	0.755	0.062

Verosol

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
20023	304 CC20		10		Verosol 304 CC20-SE41rev.xml	0.8	0.3	0.109	0.721	0.1224	0.0394	0.052	0.056	0.739	0.509	0.054	0.06	0.756	0.522
20024	805 000		10		Verosol 805 000-SE42rev.xml	0.8	0.3	0.272	0.786	0.0569	0.0467	0.072	0.081	0.678	0.589	0.075	0.08	0.694	0.563
20025	805 711		10		Verosol 805 711-SE43rev.xml	0.8	0.3	0.211	0.774	0.0934	0.0463	0.069	0.069	1.494	1.494	0.073	0.07	0.692	0.692
20026	805 765		10		Verosol 805 765-SE44rev.xml	0.8	0.3	0.216	0.766	0.0969	0.0478	0.068	0.074	0.686	0.391	0.074	0.08	0.701	0.49
20027	802 765		10		Verosol 802 765-SE45rev.xml	0.8	0.3	0.216	0.827	0.052	0.0134	0.029	0.037	0.706	0.431	0.034	0.04	0.725	0.528
20028	802 000		10		Verosol 802 000-SE46rev.xml	0.8	0.3	0.057	0.846	0.0411	0.0126	0.034	0.033	0.713	0.623	0.036	0.03	0.73	0.596
20029	802 711		10		Verosol 802 711-SE47rev.xml	0.8	0.3	0.209	0.858	0.0452	0.0127	0.032	0.04	0.707	0.518	0.036	0.04	0.724	0.553
20030	802 829		10		Verosol 802 829-SE48rev.xml	0.8	0.3	0.221	0.817	0.056	0.0119	0.016	0.017	0.708	0.058	0.028	0.03	0.726	0.372
20031	802 936		10		Verosol 802 936-SE49rev.xml	0.8	0.3	0.206	0.795	0.0669	0.0121	0.023	0.029	0.711	0.252	0.031	0.04	0.729	0.461
20032	802 998		10		Verosol 802 998-SE50rev.xml	0.8	0.3	0.23	0.858	0.0164	0.0078	0.013	0.016	0.719	0.094	0.025	0.03	0.736	0.394
20033	805 998		10		Verosol 805 998-SE51rev.xml	0.8	0.3	0.197	0.753	0.1095	0.0433	0.052	0.054	0.69	0.105	0.064	0.07	0.706	0.381
20034	805 936		10		Verosol 805 936-SE52rev.xml	0.8	0.3	0.206	0.831	0.0615	0.0438	0.058	0.063	0.692	0.230	0.068	0.08	0.707	0.437

Verosol

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
20035	805 829		10		Verosol 805 829-SE53rev.xml	0.8	0.3	0.206	0.76	0.0918	0.0487	0.055	0.054	0.681	0.044	0.070	0.08	0.699	0.348

Viracon

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}	
5000	Viraspan(TM) Medium Gray (V-948) 30%		1																	
5001	Simulated Sandblast (V-1086) 70%		1																	

WinBuild

ID	Name	Type	DB Ver #	Cert	XML Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
26000	Golden low-E fabric WBI1W		10		WBI1W.xml	0.8	0.12	0.155	0.155	4E-05	0.0086	0.012	0.012	0.414	0.414	0.012	0.01	0.431	0.431
26001	Golden low-E fabric WBI1W - 5% openness		10		WBI1W_5.xml	0.8	0.12	0.147	0.147	0.0500	0.0586	0.062	0.062	0.394	0.394	0.062	0.06	0.409	0.409
26002	Golden low-E fabric WBI1W - 10% openness		10		WBI1W_10.xml	0.8	0.12	0.139	0.139	0.1000	0.1086	0.112	0.112	0.373	0.373	0.112	0.11	0.388	0.388
26003	Golden low-E fabric WBI2W		10		WBI2W.xml	0.8	0.12	0.155	0.155	4E-05	0.0092	0.012	0.012	0.442	0.442	0.012	0.01	0.461	0.461
26004	Golden low-E fabric WBI3W		10		WBI3W.xml	0.8	0.12	0.179	0.179	0.2217	0.1446	0.171	0.171	0.296	0.296	0.174	0.17	0.315	0.315