

Complex Glazing Database: Version 16.0

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

Notes for 16.0: The following Mermet records were deleted:

- 16000: Natte White
- 16001: Natte Charcoal
- 16002: Satine Charcoal
- 16003: Satine White
- 16004: Vienne Charcoat
- 16010: Lintex 600400 White 9038
- 16011: M-Screen 8505 White 0202

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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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 Moccassin	BSDF File	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

Alkenz

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7005	3000 NET 5% N901 Charcoal/Charcoal	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 5 N901 Charcoal-Charcoal-SE01.xml	0	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
7006	4000 NET 5% N901 Charcoal/Charcoal	BSDF File	10	@	Alkenz-Sunshadow 4000 NET 5 N901 Charcoal-Charcoal-SE02.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 5 N001 White-White-SE03.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 4000 NET 5 N001 White-White-SE04.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 HT 5 HT01 White-White-SE05.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 HT 5 HT03 White-Light Gray-SE06rev.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 HT 5 HT09 White-Charcoal-SE07rev.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 5 N901 Beige-Sable-SE08rev.xml	0	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

Alkenz

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7013	4000 NET 5% N901 Beige/Sable	BSDF File	10	@	Alkenz-Sunshadow 4000 NET 5 N901 Beige-Sable-SE09.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 CA 3 CA01 White-Floral White-SE10.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 1 N001 White-White-SE11.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 3 N001 White-White-SE12.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 5 N001 White-White-SE13.xml	0	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
7018	3000 NET 10% N001 White/White	BSDF File	10	@	Alkenz-Sunshadow 3000 NET 10 N001 White-White-SE14.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 HT 3 HT01 White-White-SE15.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 3000 HT 5 HT01 White-White-SE16.xml	0	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

Alkenz

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7021	VIEW R 15% R103 White/Gray	BSDF File	10	@	Alkenz-Sunshadow VIEW R 15 R103 White-Gray-SE17.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 4700 P Q 1 P012 White-Beige-Beige-SE18.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 4700 P Q 1 Q001 White-Cream-Alabaster Beige-SE19rev.xml	0	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	BSDF File	10	@	Alkenz-Sunshadow 4000 NET 3 N001 White-White-SE20.xml	0	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	BSDF File	10	@	SE56.xml	0	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	BSDF File	10	@	SE57.xml	0	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	BSDF File	10	@	SE58.xml	0	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	BSDF File	10	@	SE59.xml	0	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
7029	Sunshadow - VIEW R 15 R900 Charcoal/Charcoal	BSDF File	10	@	SE60.xml	0	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}	
27500	White miniblind, Open	Venetian	12								0.976									
27501	White miniblind, Closed	Venetian	12								0.8234									
27502	White miniblind, 45	Venetian	12								0.9665									
27503	Tan miniblind, Open	Venetian	12								0.976									
27504	Tan miniblind, Closed	Venetian	12								0.8234									
27505	Tan miniblind, 45	Venetian	12								0.9665									

Comfortex

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8000	E5035 White	BSDF File	10	@	2011- SA32.XML	1	0.15	0.551	0.551	0.2796	0.0763	0.679	0.679	0.518	0.518	0.693	0.69	0.297	0.297
8001	PSB38 White	BSDF File	10	@	2011- SA33.XML	1	0.15	0.662	0.662	0.1695	0	0.629	0.629	0.369	0.369	0.637	0.64	0.356	0.356
8002	MT78097718I White	BSDF File	10	@	2011- SA34.XML	1	0.15	0.845	0.845	0.0003	0	6E-06	6E-06	0.800	0.800	0.0002	0.0002	0.676	0.676
8003	E5070 White	BSDF File	10	@	2011- SA35.XML	1	0.15	0.708	0.708	0.1261	0.0084	0.466	0.466	0.531	0.531	0.482	0.48	0.501	0.501
8004	E5035DK WhiteX	BSDF File	10	@	2011- SA36.XML	1	0.15	0.807	0.807	0.0451	0	6E-06	6E-06	0.801	0.801	0.0003	0.0003	0.641	0.641

Dickson - Glen Raven

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10020	SWN-M005	BSDF File	10	@	Dickson-Glen Raven SWN-M005-SE33.xml	0	0.3	0.733	0.733	0.1944	0.1371	0.291	0.291	0.671	0.671	0.311	0.31	0.602	0.602
10021	SWN-M652	BSDF File	10	@	Dickson-Glen Raven SWN-M652-SE34.xml	0	0.3	0.731	0.731	0.1974	0.1296	0.155	0.155	0.242	0.242	0.17	0.17	0.231	0.231
10022	SWK M005	BSDF File	10	@	Dickson-Glen Raven SWK-M005-SE35.xml	0	0.3	0.819	0.819	0.0804	0.0601	0.263	0.263	0.722	0.722	0.291	0.29	0.647	0.647
10023	SWK M391	BSDF File	10	@	Dickson-Glen Raven SWK-M391-SE36.xml	0	0.3	0.743	0.743	0.1647	0.0641	0.067	0.067	0.128	0.128	0.068	0.07	0.054	0.054
10024	SWK M654	BSDF File	10	@	Dickson-Glen Raven SWK-M654-SE37.xml	0	0.3	0.803	0.803	0.1042	0.0601	0.155	0.155	0.502	0.502	0.189	0.19	0.459	0.459
10025	SWC M005	BSDF File	10	@	Dickson-Glen Raven SWC-M005-SE38.xml	0	0.3	0.856	0.83	0.044	0.0285	0.279	0.279	0.694	0.694	0.299	0.3	0.629	0.629
10026	SWC M392	BSDF File	10	@	Dickson-Glen Raven SWC-M392-SE39.xml	0	0.3	0.888	0.838	0.0232	0.0282	0.056	0.055	0.244	0.244	0.056	0.06	0.068	0.081
10027	SWC M654	BSDF File	10	@	Dickson-Glen Raven SWC-M654-SE54.xml	0	0.3	0.853	0.848	0.0464	0.0297	0.149	0.188	0.495	0.48	0.179	0.22	0.465	0.453
10028	SWN M654	BSDF File	10	@	Dickson-Glen Raven SWN-M654-SE55.xml	0	0.3	0.722	0.718	0.2021	0.1489	0.200	0.206	0.459	0.447	0.221	0.23	0.417	0.405

Ferrari Textiles Corporation

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9000	Preconstraint 502, 8861 - Vanilla	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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
9004	Soltis B92N, 1043 - Bronze	BSDF File	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

Generic

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1	Venetian A0	Venetian	1								0.9524								
2	Venetian A45	Venetian	1								0.9327								
3	Venetian A90	Venetian	1								0								
4	Venetian B0	Venetian	1								0.9524								
5	Venetian B45	Venetian	1								0.9327								
6	Venetian B90	Venetian	1								0								
7	Venetian C0	Venetian	1								0.9524								
8	Venetian C45	Venetian	1								0.9327								

Generic

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9	Venetian C80	Venetian	1								0.7258								
10	Venetian C90	Venetian	1								0								
11	Venetian D0	Venetian	1								0.9524								
12	Venetian D45	Venetian	1								0.9327								
13	Venetian D90	Venetian	1								0								
15	Diffusing Shade	Diffusing Shade	1								0								
16	WINDAT Shade with Spectral Data	Venetian	1								0.8429								
17	White Frit	Fritted Glass	1								0								
19	Woven shade. Gray. 25% open area	Woven Shade	1								0.25								
20	Off White Blind 24 mm slat at 45 degrees	Venetian	1								0.9926								
21	Dark Blue Blind 24 mm slat at 45 degrees	Venetian	1								0.9926								
22	Clear Frit (no pigment)	Fritted Glass	1								0								
23	Woven shade. Gray. 3% open area	Woven Shade	1								0.0301								
24	Woven shade. Gray. 10% open area	Woven Shade	1								0.1002								
28	Perforated screen. 8.7% open area	Perforated Screen	1								0.0873								
29	1" horizontal VB (white) - 45 deg	Venetian	1								0.9925								
30	3" horizontal VB (white) - 45 deg	Venetian	1								0.9975								
31	3" vertical VB (white) - 0 deg (open)	Vert Louver	1								0.9982								
32	0.4" inbetween VB (white) - 45 deg	Venetian	1								0.9814								
50	Cellular Shade. Single cell, light color	Cellular Shade	10		ID50_CS.thmx	20		0.806	0.806	0.0083	0.03	0.225	0.225	0.659	0.66	0.218	0.22	0.632	0.632

Generic

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51	Cellular Shade. Stacked double cell, light color	Cellular Shade	10		ID51_CS.thmx	24		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	Cellular Shade	10		ID52_CS.thmx	35		0.876	0.875	0.0003	0	0.038	0.037	0.547	0.548	0.038	0.04	0.506	0.508
53	Cellular Shade. Single cell, blackout, low-e	Cellular Shade	10		ID53_CS.thmx	39		0.905	0.905	1E-05	0	0	0	0.568	0.567	0	0	0.554	0.553
54	Cellular Shade. Single cell, light color, sheer	Cellular Shade	10		ID54_CS.thmx	26		0.668	0.668	0.2031	0.1	0.558	0.557	0.392	0.392	0.561	0.56	0.383	0.383

Glen Raven

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10001	Firesist, Sand 82006	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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

Glen Raven

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10005	Sunbrella awning, Heather Beige 4672	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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
10011	Sunbrella awning, Green 4637	BSDF File	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	BSDF File	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

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}
10013	Sunbrella shade, Black 4608	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	10	@	2014-SC39.XML	0	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	BSDF File	10	@	2014-SC40.XML	0	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	BSDF File	10	@	2014-SC41.XML	0	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

Goodearl and Bailey

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}
3500	Dickson Orchestra #0681 Dune	BSDF File	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	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
7500	Platinum Charcoal	BSDF File	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	BSDF File	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	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
14000	Architella Elan 3/4" Semi-Opaque (C22)	Cellular Shade	10	@	HunterDouglas_C22.thmx	35		0.876	0.875	0.0003	0.0086	0.038	0.037	0.547	0.548	0.038	0.04	0.506	0.508
14001	Architella Elan 3/4" Opaque (C23)	Cellular Shade	10	@	HunterDouglas_C23.thmx	36		0.882	0.882	4E-05	0	1E-04	0.0001	0.582	0.584	0.0001	0.0001	0.55	0.55
14002	Classic 3/4" Semi-Opaque (D2)	Cellular Shade	10	@	HunterDouglas_D2.thmx	36		0.89	0.89	0.0134	0.0248	0.285	0.286	0.538	0.538	0.288	0.29	0.52	0.520
14003	Classic 3/4" Opaque (D7)	Cellular Shade	10	@	HunterDouglas_D7.thmx	39		0.905	0.905	1E-05	0	0	0	0.568	0.567	0	0	0.554	0.553
14004	Whisper 3/4" Sheer (D8)	Cellular Shade	10	@	HunterDouglas_D8.thmx	26		0.668	0.668	0.2031	0.59	0.558	0.557	0.392	0.392	0.561	0.56	0.383	0.383
14005	Architella Trielle Elan 1-1/2" Semi-Opaque (C82)	Cellular Shade	10	@	HunterDouglas_C82.thmx	62		0.880	0.881	0.0001	0	0.003	0.003	0.541	0.541	0.003	0.003	0.500	0.5

Hunter Douglas

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}
14006	Architella Trielle Elan 1-1/2" Opaque (C83)	Cellular Shade	10	@	HunterDouglas_C83.thmx	62		0.881	0.881	7E-05	0	6E-05	3E-05	0.555	0.555	5E-05	4E-05	0.515	0.514
14050	ECOVIEW Plus Midnight Storm	BSDF File	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	BSDF File	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

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	BSDF File	12	@	SA99_Inflector-CGDB12000.xml	0	0.15	0.71	0.59	0.17	0	0.253	0.255	0.079	0.079	0.254	0.25	0.078	0.512
12001	Solar Selective Window Insulator	BSDF File	12	@	2011-SB13.XML	1	0.15	0.718	0.718	0.2027	0	0.172	0.172	39.71	39.71	0.254	0.25	0.061	0.061
12002	In'Flector Radiant Barrier Window Insulator (flipped)	BSDF File	12	@	SA99Flip_LowEOut_Inflector-CGDB12002.xml	0	0.15	0.59	0.71	0.17	0	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}
24000	Alabaster Venetian Blind Open (Intigral)	Venetian	6	#							0.9792								

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
24001	Alabaster Venetian Blind Closed (Intigral)	Venetian	6	#							0.6031								
24002	Alabaster Venetian Blind 45 (Intigral)	Venetian	6	#							0.9706								
24003	White Satin Venetian Blind Open (Intigral)	Venetian	6	#							0.9792								
24004	White Satin Venetian Blind Closed (Intigral)	Venetian	6	#							0.6031								
24005	White Satin Venetian Blind 45 (Intigral)	Venetian	6	#							0.9706								
24006	Tan Venetian Blind Open (Intigral)	Venetian	9	#							0.9792								
24007	Tan Venetian Blind Closed (Intigral)	Venetian	9	#							0.6031								
24008	Tan Venetian Blind 45 (Intigral)	Venetian	9	#							0.9706								
24009	ScreenLine SL19/20/22 Venetian Open S102 White	Venetian	11	#							0.982								
24010	ScreenLine SL19/20/22 Venetian Closed S102 White	Venetian	11	#							0.786								
24011	ScreenLine SL19/20/22 Venetian 45° S102 White	Venetian	11	#							0.9749								
24012	ScreenLine SL19/20/22 Venetian Open S106 Yellow	Venetian	11	#							0.982								
24013	ScreenLine SL19/20/22 Venetian Closed S106 Yellow	Venetian	11	#							0.786								
24014	ScreenLine SL19/20/22 Venetian 45° S106 Yellow	Venetian	11	#							0.9749								
24015	ScreenLine SL19/20/22 Venetian Open S125 Dark Cream	Venetian	11	#							0.982								

Intigral

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
24016	ScreenLine SL19/20/22 Venetian Closed S125 Dark Cream	Venetian	11	#							0.786								
24017	ScreenLine SL19/20/22 Venetian 45° S125 Dark Cream	Venetian	11	#							0.9749								
24018	ScreenLine SL19/20/22 Venetian Open S130 Green	Venetian	11	#							0.982								
24019	ScreenLine SL19/20/22 Venetian Closed S130 Green	Venetian	11	#							0.786								
24020	ScreenLine SL19/20/22 Venetian 45° S130 Green	Venetian	11	#							0.9749								
24021	ScreenLine SL19/20/22 Venetian Open S142 Light Blue	Venetian	11	#							0.982								
24022	ScreenLine SL19/20/22 Venetian Closed S142 Light Blue	Venetian	11	#							0.786								
24023	ScreenLine SL19/20/22 Venetian 45° S142 Light Blue	Venetian	11	#							0.9749								
24024	ScreenLine SL19/20/22 Venetian Open S149 Cream	Venetian	11	#							0.982								
24025	ScreenLine SL19/20/22 Venetian Closed S149 Cream	Venetian	11	#							0.786								
24026	ScreenLine SL19/20/22 Venetian 45° S149 Cream	Venetian	11	#							0.9749								
24027	ScreenLine SL19/20/22 Venetian Open S155 Matt Grey	Venetian	11	#							0.982								
24028	ScreenLine SL19/20/22 Venetian Closed S155 Matt Grey	Venetian	11	#							0.786								

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
24029	ScreenLine SL19/20/22 Venetian 45° S155 Matt Grey	Venetian	11	#							0.9749								
24030	ScreenLine SL19/20/22 Venetian Open S156 Glittery Silver	Venetian	11	#							0.982								
24031	ScreenLine SL19/20/22 Venetian Closed S156 Glittery Silver	Venetian	11	#							0.786								
24032	ScreenLine SL19/20/22 Venetian 45° S156 Glittery Silver	Venetian	11	#							0.9749								
24033	ScreenLine SL19/20/22 Venetian Open S157 Satin Silver	Venetian	11	#							0.982								
24034	ScreenLine SL19/20/22 Venetian Closed S157 Satin Silver	Venetian	11	#							0.786								
24035	ScreenLine SL19/20/22 Venetian 45° S157 Satin Silver	Venetian	11	#							0.9749								
24036	ScreenLine SL27/29/32 Venetian Open S102 White	Venetian	11	#							0.985								
24037	ScreenLine SL27/29/32 Venetian Closed S102 White	Venetian	11	#							0.847								
24038	ScreenLine SL27/29/32 Venetian 45° S102 White	Venetian	11	#							0.9790								
24039	Intigral_SL_Vanity_C00 O_White_Pleated_Shade_14mm	Cellular Shade	14	#	Intigral_SL_Vanity_C000_White_Pleated_Shade_14mm.thmx	0		0.902	0.902	0.0199	0.031	0.516	0.516	0.462	0.462	0.514	0.51	0.445	0.445
24040	Intigral_SL_Vanity_C00 O_White_Pleated_Shade_20mm	Cellular Shade	14	#	Intigral_SL_Vanity_C000_White_Pleated_Shade_20mm.thmx	0		0.89	0.89	0.0231	0.031	0.528	0.528	0.457	0.457	0.528	0.53	0.440	0.440

Intigral

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
24041	Intigral_SL_Vanity_C010_Cream_Pleated_Shade_14mm	Cellular Shade	14	#	Intigral_SL_Vanity_C010_Cream_Pleated_Shade_14mm.thmx						0.028								
24042	Intigral_SL_Vanity_C010_Cream_Pleated_Shade_20mm	Cellular Shade	14	#	Intigral_SL_Vanity_C010_Cream_Pleated_Shade_20mm.thmx						0.028								

Levolor

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
11000	Origami	BSDF File	10	@	2014-SC42.XML	0	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	Cellular Shade	10	@	Levolor_19570216.thmx	22		0.833	0.845	0.0193	0.0347	0.200	0.2	0.506	0.197	0.237	0.24	0.494	0.25
23001	Accordia LF Cream	Cellular Shade	10	@	Levolor_19170202.thmx	24		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	Cellular Shade	10	@	Levolor_19470199.thmx	20		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	Cellular Shade	10	@	Levolor_12470199.thmx	24		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	Cellular Shade	10	@	Levolor_19070199.thmx	26		0.848	0.848	1E-05	0	0	0	0.702	0.702	0	0	0.698	0.697

Levolor

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}
23005	Mosaic RD Snow	Cellular Shade	10	@	Levolor_53970199.thmx	33		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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
2000	Twilight 279-A10 Light Grey	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	16	@	E Screen 1% Charcoal-Grey.xml	1	0.15	0.823	0.823	0.065	0.0029	0.018	0.018	0.090	0.090	0.021	0.02	0.096	0.096

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}
47001	E Screen 1% White-White	BSDF File	16	@	E Screen 1% White-White.xml	1	0.15	0.79	0.79	0.083	0.1186	0.132	0.132	0.839	0.839	0.147	0.15	0.748	0.748
47002	E Screen 1% White-Linen	BSDF File	16	@	E Screen 1% White-Linen.xml	1	0.15	0.785	0.785	0.083	0.1050	0.119	0.119	0.627	0.627	0.146	0.15	0.567	0.567
47003	E Screen 1% White-Pearl	BSDF File	16	@	E Screen 1% White-Pearl.xml	1	0.15	0.8	0.8	0.09	0.0548	0.069	0.069	0.402	0.402	0.089	0.09	0.373	0.373
47004	E Screen 1% Pearl-Linen	BSDF File	16	@	E Screen 1% Pearl-Linen.xml	1	0.15	0.769	0.769	0.086	0.0334	0.043	0.043	0.348	0.348	0.071	0.07	0.321	0.321
47005	E Screen 1% Pearl-Pearl	BSDF File	16	@	E Screen 1% Pearl-Pearl.xml	1	0.15	0.789	0.789	0.101	0.0152	0.020	0.020	0.282	0.282	0.037	0.04	0.284	0.284
47006	E Screen 1% Pearl-Grey	BSDF File	16	@	E Screen 1% Pearl-Grey.xml	1	0.15	0.784	0.784	0.076	0.0161	0.027	0.027	0.111	0.111	0.05	0.05	0.109	0.109
47007	E Screen 1% Charcoal-GreyStone	BSDF File	16	@	E Screen 1% Charcoal-GreyStone.xml	1	0.15	0.797	0.797	0.083	0.0054	0.020	0.020	0.046	0.046	0.023	0.02	0.047	0.047
47008	E Screen 1% Charcoal-Charcoal	BSDF File	16	@	E Screen 1% Charcoal-Charcoal.xml	1	0.15	0.795	0.795	0.096	0.0019	0.017	0.017	0.057	0.057	0.017	0.02	0.057	0.057

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}
47009	E Screen 1% Charcoal-Cocoa	BSDF File	16	@	E Screen 1% Charcoal-Cocoa.xml	1	0.15	0.75	0.75	0.143	0.0015	0.01	0.01	0.052	0.052	0.011	0.01	0.052	0.052
47010	E Screen 1% Charcoal-Apricot	BSDF File	16	@	E Screen 1% Charcoal-Apricot.xml	1	0.15	0.801	0.801	0.086	0.0057	0.015	0.015	0.143	0.143	0.019	0.02	0.140	0.140
47017	E Screen 3% Charcoal-Grey	BSDF File	16	@	E Screen 3% Charcoal-Grey.xml	0	0.15	0.772	0.772	0.107	0.0057	0.044	0.044	0.101	0.101	0.049	0.05	0.107	0.107
47018	E Screen 3% White-White	BSDF File	16	@	E Screen 3% White-White.xml	0	0.15	0.76	0.76	0.103	0.1170	0.160	0.160	0.812	0.812	0.176	0.18	0.725	0.725
47019	E Screen 3% White-Linen	BSDF File	16	@	E Screen 3% White-Linen.xml	0	0.15	0.746	0.746	0.124	0.1088	0.151	0.151	0.678	0.678	0.181	0.18	0.619	0.619
47020	E Screen 3% White-Pearl	BSDF File	16	@	E Screen 3% White-Pearl.xml	0	0.15	0.81	0.81	0.079	0.0436	0.081	0.081	0.56	0.56	0.103	0.10	0.503	0.503
47021	E Screen 3% Pearl-Linen	BSDF File	16	@	E Screen 3% Pearl-Linen.xml	0	0.15	0.784	0.784	0.101	0.0471	0.087	0.087	0.406	0.406	0.117	0.12	0.373	0.373
47022	E Screen 3% Pearl-Pearl	BSDF File	16	@	E Screen 3% Pearl-Pearl.xml	0	0.15	0.768	0.768	0.1	0.0190	0.062	0.062	0.331	0.331	0.081	0.08	0.303	0.303

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}
47023	E Screen 3% Pearl-Grey	BSDF File	16	@	E Screen 3% Pearl-Grey.xml	0	0.15	0.774	0.774	0.114	0.0183	0.058	0.058	0.266	0.266	0.083	0.08	0.270	0.270
47024	E Screen 3% Charcoal-GreyStone	BSDF File	16	@	E Screen 3% Charcoal-GreyStone.xml	0	0.15	0.822	0.822	0.075	0.0143	0.053	0.053	0.135	0.135	0.059	0.06	0.128	0.128
47025	E Screen 3% Charcoal-Charcoal	BSDF File	16	@	E Screen 3% Charcoal-Charcoal.xml	0	0.15	0.78	0.78	0.109	0.0035	0.050	0.050	0.040	0.040	0.051	0.05	0.039	0.039
47026	E Screen 3% Charcoal-Cocoa	BSDF File	16	@	E Screen 3% Charcoal-Cocoa.xml	0	0.15	0.791	0.791	0.093	0.0036	0.045	0.045	0.057	0.057	0.046	0.05	0.057	0.057
47027	E Screen 3% Charcoal-Apricot	BSDF File	16	@	E Screen 3% Charcoal-Apricot.xml	0	0.15	0.823	0.823	0.059	0.0138	0.056	0.056	0.178	0.178	0.063	0.06	0.174	0.174
47034	E Screen 5% Charcoal-Grey	BSDF File	16	@	E Screen 5% Charcoal-Grey.xml	0	0.15	0.744	0.744	0.138	0.0075	0.077	0.077	0.089	0.089	0.082	0.08	0.096	0.096
47035	E Screen 5% White-White	BSDF File	16	@	E Screen 5% White-White.xml	0	0.15	0.777	0.777	0.102	0.1215	0.195	0.195	0.775	0.775	0.211	0.21	0.693	0.693
47036	E Screen 5% White-Linen	BSDF File	16	@	E Screen 5% White-Linen.xml	0	0.15	0.774	0.774	0.096	0.1143	0.176	0.176	0.678	0.678	0.206	0.21	0.614	0.614

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}
47037	E Screen 5% White-Pearl	BSDF File	16	@	E Screen 5% White-Pearl.xml	0	0.15	0.715	0.715	0.132	0.0642	0.131	0.131	0.581	0.581	0.154	0.15	0.524	0.524
47038	E Screen 5% Pearl-Linen	BSDF File	16	@	E Screen 5% Pearl-Linen.xml	0	0.15	0.761	0.761	0.125	0.0439	0.106	0.106	0.39	0.39	0.135	0.14	0.358	0.358
47039	E Screen 5% Pearl-Pearl	BSDF File	16	@	E Screen 5% Pearl-Pearl.xml	0	0.15	0.729	0.729	0.162	0.0269	0.103	0.103	0.324	0.324	0.125	0.13	0.297	0.297
47040	E Screen 5% Pearl-Grey	BSDF File	16	@	E Screen 5% Pearl-Grey.xml	0	0.15	0.749	0.749	0.132	0.0223	0.092	0.092	0.26	0.26	0.117	0.12	0.259	0.259
47041	E Screen 5% Charcoal-GreyStone	BSDF File	16	@	E Screen 5% Charcoal-GreyStone.xml	0	0.15	0.776	0.776	0.112	0.0156	0.084	0.084	0.118	0.118	0.090	0.09	0.112	0.112
47042	E Screen 5% Charcoal-Charcoal	BSDF File	16	@	E Screen 5% Charcoal-Charcoal.xml	0	0.15	0.824	0.824	0.056	0.0038	0.066	0.066	0.043	0.043	0.067	0.07	0.041	0.041
47043	E Screen 5% Charcoal-Cocoa	BSDF File	16	@	E Screen 5% Charcoal-Cocoa.xml	0	0.15	0.774	0.774	0.117	0.0039	0.066	0.066	0.052	0.052	0.067	0.07	0.052	0.052
47044	E Screen 5% Charcoal-Apricot	BSDF File	16	@	E Screen 5% Charcoal-Apricot.xml	0	0.15	0.767	0.767	0.132	0.0139	0.081	0.081	0.154	0.154	0.087	0.09	0.151	0.151

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}
47051	E Screen 10% Charcoal-Grey	BSDF File	16	@	E Screen 10% Charcoal-Grey.xml	1	0.15	0.784	0.784	0.099	0.0095	0.121	0.121	0.08	0.08	0.126	0.13	0.088	0.088
47052	E Screen 10% White-White	BSDF File	16	@	E Screen 10% White-White.xml	1	0.15	0.692	0.692	0.169	0.1258	0.246	0.246	0.73	0.73	0.26	0.26	0.657	0.657
47053	E Screen 10% White-Linen	BSDF File	16	@	E Screen 10% White-Linen.xml	1	0.15	0.755	0.755	0.128	0.118	0.225	0.225	0.650	0.650	0.249	0.25	0.592	0.592
47054	E Screen 10% White-Pearl	BSDF File	16	@	E Screen 10% White-Pearl.xml	1	0.15	0.733	0.733	0.147	0.0692	0.186	0.186	0.553	0.553	0.208	0.21	0.504	0.504
47055	E Screen 10% Pearl-Linen	BSDF File	16	@	E Screen 10% Pearl-Linen.xml	1	0.15	0.744	0.744	0.14	0.0459	0.144	0.144	0.368	0.368	0.171	0.17	0.34	0.34
47056	E Screen 10% Pearl-Pearl	BSDF File	16	@	E Screen 10% Pearl-Pearl.xml	1	0.15	0.728	0.728	0.154	0.03	0.149	0.149	0.298	0.298	0.170	0.17	0.281	0.281
47057	E Screen 10% Pearl-Grey	BSDF File	16	@	E Screen 10% Pearl-Grey.xml	1	0.15	0.764	0.764	0.11	0.0282	0.140	0.140	0.253	0.253	0.163	0.16	0.252	0.252
47058	E Screen 10% Charcoal-GreyStone	BSDF File	16	@	E Screen 10% Charcoal-GreyStone.xml	1	0.15	0.765	0.765	0.123	0.0192	0.129	0.129	0.108	0.108	0.134	0.13	0.105	0.105

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}
47059	E Screen 10% Charcoal-Charcoal	BSDF File	16	@	E Screen 10% Charcoal-Charcoal.xml	1	0.15	0.743	0.743	0.144	0.0057	0.113	0.113	0.049	0.049	0.114	0.11	0.048	0.048
47060	E Screen 10% Charcoal-Cocoa	BSDF File	16	@	E Screen 10% Charcoal-Cocoa.xml	1	0.15	0.763	0.763	0.151	0.0055	0.115	0.115	0.049	0.049	0.116	0.12	0.048	0.048
47061	E Screen 10% Charcoal-Apricot	BSDF File	16	@	E Screen 10% Charcoal-Apricot.xml	1	0.15	0.761	0.761	0.13	0.0228	0.142	0.142	0.146	0.146	0.151	0.15	0.146	0.146
47068	Natte 5% White-Linen	BSDF File	16	@	Natte 5% White-Linen.xml	1	0.15	0.767	0.767	0.099	0.0896	0.15	0.15	0.786	0.786	0.175	0.17	0.705	0.705
47069	Natte 5% White-White	BSDF File	16	@	Natte 5% White-White.xml	1	0.15	0.768	0.768	0.107	0.1049	0.175	0.175	0.648	0.648	0.183	0.18	0.592	0.592
47070	Natte 5% White-Pearl	BSDF File	16	@	Natte 5% White-Pearl.xml	1	0.15	0.771	0.771	0.11	0.034	0.092	0.092	0.521	0.521	0.108	0.11	0.47	0.47
47071	Natte 5% Cocoa-Grey	BSDF File	16	@	Natte 5% Cocoa-Grey.xml	1	0.15	0.782	0.782	0.102	0.0083	0.063	0.063	0.124	0.124	0.073	0.07	0.137	0.137
47072	Natte 5% Cocoa-Straw	BSDF File	16	@	Natte 5% Cocoa-Straw.xml	1	0.15	0.75	0.75	0.107	0.0188	0.078	0.078	0.307	0.307	0.089	0.09	0.279	0.279

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}
47073	Natte 5% Cocoa-Cocoa	BSDF File	16	@	Natte 5% Cocoa-Cocoa.xml	1	0.15	0.775	0.775	0.105	0.0044	0.065	0.065	0.073	0.073	0.067	0.07	0.075	0.075
47074	Natte 5% Charcoal-Cocoa	BSDF File	16	@	Natte 5% Charcoal-Cocoa.xml	1	0.15	0.73	0.73	0.153	0.0038	0.062	0.062	0.061	0.061	0.063	0.06	0.061	0.061
47075	Natte 5% Charcoal-Charcoal	BSDF File	16	@	Natte 5% Charcoal-Charcoal.xml	1	0.15	0.765	0.765	0.11	0.0039	0.071	0.071	0.043	0.043	0.071	0.07	0.042	0.042
47082	Natte 10% White-Linen	BSDF File	16	@	Natte 10% White-Linen.xml	1	0.15	0.738	0.738	0.139	0.0934	0.187	0.187	0.632	0.632	0.212	0.21	0.576	0.576
47083	Natte 10% White-White	BSDF File	16	@	Natte 10% White-White.xml	1	0.15	0.715	0.715	0.146	0.0969	0.211	0.211	0.76	0.76	0.221	0.22	0.676	0.676
47084	Natte 10% White-Pearl	BSDF File	16	@	Natte 10% White-Pearl.xml	1	0.15	0.73	0.73	0.15	0.0421	0.137	0.137	0.520	0.520	0.150	0.15	0.47	0.47
47085	Natte 10% Cocoa-Grey	BSDF File	16	@	Natte 10% Cocoa-Grey.xml	1	0.15	0.749	0.749	0.146	0.0098	0.104	0.104	0.116	0.116	0.112	0.11	0.126	0.126
47086	Natte 10% Cocoa-Straw	BSDF File	16	@	Natte 10% Cocoa-Straw.xml	1	0.15	0.747	0.747	0.148	0.0171	0.104	0.104	0.266	0.266	0.112	0.11	0.244	0.244

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}
47087	Natte 10% Cocoa-Cocoa	BSDF File	16	@	Natte 10% Cocoa-Cocoa.xml	1	0.15	0.737	0.737	0.166	0.0051	0.1	0.1	0.068	0.068	0.102	0.10	0.068	0.068
47088	Natte 10% Charcoal-Cocoa	BSDF File	16	@	Natte 10% Charcoal-Cocoa.xml	1	0.15	0.74	0.74	0.149	0.0051	0.101	0.101	0.054	0.054	0.102	0.10	0.054	0.054
47089	Natte 10% Charcoal-Charcoal	BSDF File	16	@	Natte 10% Charcoal-Charcoal.xml	1	0.15	0.738	0.738	0.148	0.0046	0.106	0.106	0.04	0.04	0.106	0.11	0.039	0.039
47096	M Screen 1% Charcoal-Apricot	BSDF File	16	@	M Screen 1% Charcoal-Apricot.xml	1	0.15	0.725	0.725	0.161	0.0094	0.026	0.026	0.109	0.109	0.031	0.03	0.106	0.106
47097	M Screen 1% White-White	BSDF File	16	@	M Screen 1% White-White.xml	1	0.15	0.757	0.757	0.099	0.1300	0.141	0.141	0.826	0.826	0.157	0.16	0.735	0.735
47098	M Screen 1% White-Pearl	BSDF File	16	@	M Screen 1% White-Pearl.xml	1	0.15	0.793	0.793	0.071	0.0622	0.071	0.071	0.639	0.639	0.090	0.09	0.578	0.578
47099	M Screen 1% Pearl-Linen	BSDF File	16	@	M Screen 1% Pearl-Linen.xml	1	0.15	0.777	0.777	0.104	0.0396	0.053	0.053	0.376	0.376	0.081	0.08	0.35	0.35
47100	M Screen 1% Pearl-Pearl	BSDF File	16	@	M Screen 1% Pearl-Pearl.xml	1	0.15	0.782	0.782	0.089	0.0214	0.033	0.033	0.336	0.336	0.053	0.05	0.311	0.311

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}
47101	M Screen 1% Charcoal-Grey	BSDF File	16	@	M Screen 1% Charcoal-Grey.xml	1	0.15	0.786	0.786	0.099	0.0034	0.018	0.018	0.068	0.068	0.022	0.02	0.072	0.072
47102	M Screen 1% Charcoal-Charcoal	BSDF File	16	@	M Screen 1% Charcoal-Charcoal.xml	1	0.15	0.807	0.807	0.058	0.0021	0.018	0.018	0.039	0.039	0.018	0.02	0.039	0.039
47103	M Screen 1% White-Stone	BSDF File	16	@	M Screen 1% White-Stone.xml	1	0.15	0.787	0.787	0.087	0.1579	0.175	0.175	0.716	0.716	0.19	0.19	0.649	0.649
47104	M Screen 1% White-Linen	BSDF File	16	@	M Screen 1% White-Linen.xml	1	0.15	0.813	0.813	0.055	0.1168	0.124	0.124	0.721	0.721	0.150	0.15	0.655	0.655
47105	M Screen 1% Linen-Stone	BSDF File	16	@	M Screen 1% Linen-Stone.xml	1	0.15	0.792	0.792	0.091	0.1566	0.175	0.175	0.527	0.527	0.210	0.21	0.495	0.495
47106	M Screen 1% Linen-SableCocoa	BSDF File	16	@	M Screen 1% Linen-SableCocoa.xml	1	0.15	0.778	0.778	0.106	0.0682	0.085	0.085	0.415	0.415	0.11	0.11	0.385	0.385
47107	M Screen 1% Charcoal-Sable	BSDF File	16	@	M Screen 1% Charcoal-Sable.xml	1	0.15	0.795	0.795	0.083	0.0056	0.023	0.023	0.104	0.104	0.027	0.03	0.097	0.097
47108	M Screen 1% Charcoal-Cocoa	BSDF File	16	@	M Screen 1% Charcoal-Cocoa.xml	1	0.15	0.795	0.795	0.096	0.0019	0.014	0.014	0.053	0.053	0.015	0.02	0.051	0.051

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}
47115	M Screen 3% Charcoal-Apricot	BSDF File	16	@	M Screen 3% Charcoal-Apricot.xml	1	0.15	0.827	0.827	0.068	0.0134	0.047	0.047	0.146	0.146	0.055	0.06	0.141	0.141
47116	M Screen 3% White-White	BSDF File	16	@	M Screen 3% White-White.xml	1	0.15	0.784	0.784	0.073	0.1215	0.156	0.156	0.815	0.815	0.171	0.17	0.727	0.727
47117	M Screen 3% White-Pearl	BSDF File	16	@	M Screen 3% White-Pearl.xml	1	0.15	0.771	0.771	0.094	0.0438	0.067	0.067	0.586	0.586	0.092	0.09	0.537	0.537
47118	M Screen 3% Pearl-Linen	BSDF File	16	@	M Screen 3% Pearl-Linen.xml	1	0.15	0.798	0.798	0.077	0.0439	0.071	0.071	0.403	0.403	0.103	0.10	0.373	0.373
47119	M Screen 3% Pearl-Pearl	BSDF File	16	@	M Screen 3% Pearl-Pearl.xml	1	0.15	0.767	0.767	0.1	0.0299	0.060	0.060	0.36	0.36	0.086	0.09	0.335	0.335
47120	M Screen 3% Charcoal-Grey	BSDF File	16	@	M Screen 3% Charcoal-Grey.xml	1	0.15	0.799	0.799	0.094	0.005	0.035	0.035	0.084	0.084	0.04	0.04	0.088	0.088
47121	M Screen 3% Charcoal-Charcoal	BSDF File	16	@	M Screen 3% Charcoal-Charcoal.xml	1	0.15	0.804	0.804	0.074	0.0033	0.04	0.04	0.041	0.041	0.04	0.04	0.041	0.041
47122	M Screen 3% White-Stone	BSDF File	16	@	M Screen 3% White-Stone.xml	1	0.15	0.751	0.751	0.102	0.1575	0.191	0.191	0.684	0.684	0.208	0.21	0.616	0.616

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}
47123	M Screen 3% White-Linen	BSDF File	16	@	M Screen 3% White-Linen.xml	1	0.15	0.794	0.794	0.09	0.1105	0.137	0.137	0.684	0.684	0.166	0.17	0.622	0.622
47124	M Screen 3% Linen-Stone	BSDF File	16	@	M Screen 3% Linen-Stone.xml	1	0.15	0.779	0.779	0.097	0.1629	0.192	0.192	0.530	0.530	0.227	0.23	0.493	0.493
47125	M Screen 3% Linen-SableCocoa	BSDF File	16	@	M Screen 3% Linen-SableCocoa.xml	1	0.15	0.819	0.819	0.062	0.0437	0.068	0.068	0.374	0.374	0.092	0.09	0.346	0.346
47126	M Screen 3% Charcoal-Sable	BSDF File	16	@	M Screen 3% Charcoal-Sable.xml	1	0.15	0.792	0.792	0.099	0.0089	0.04	0.04	0.132	0.132	0.045	0.04	0.125	0.125
47127	M Screen 3% Charcoal-Cocoa	BSDF File	16	@	M Screen 3% Charcoal-Cocoa.xml	1	0.15	0.803	0.803	0.088	0.0037	0.040	0.040	0.051	0.051	0.041	0.04	0.050	0.050
47134	M Screen 5% Charcoal-Apricot	BSDF File	16	@	M Screen 5% Charcoal-Apricot.xml	1	0.15	0.816	0.816	0.075	0.015	0.061	0.061	0.138	0.138	0.069	0.07	0.134	0.134
47135	M Screen 5% White-White	BSDF File	16	@	M Screen 5% White-White.xml	1	0.15	0.782	0.782	0.089	0.1276	0.177	0.177	0.792	0.792	0.191	0.19	0.708	0.708
47136	M Screen 5% White-Pearl	BSDF File	16	@	M Screen 5% White-Pearl.xml	1	0.15	0.789	0.789	0.093	0.0562	0.102	0.102	0.582	0.582	0.123	0.12	0.521	0.521

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}
47137	M Screen 5% Pearl-Linen	BSDF File	16	@	M Screen 5% Pearl-Linen.xml	1	0.15	0.826	0.826	0.052	0.0478	0.086	0.086	0.393	0.393	0.116	0.12	0.364	0.364
47138	M Screen 5% Pearl-Pearl	BSDF File	16	@	M Screen 5% Pearl-Pearl.xml	1	0.15	0.793	0.793	0.095	0.0252	0.073	0.073	0.326	0.326	0.094	0.09	0.299	0.299
47139	M Screen 5% Charcoal-Grey	BSDF File	16	@	M Screen 5% Charcoal-Grey.xml	1	0.15	0.802	0.802	0.081	0.0067	0.056	0.056	0.080	0.080	0.061	0.06	0.085	0.085
47140	M Screen 5% Charcoal-Charcoal	BSDF File	16	@	M Screen 5% Charcoal-Charcoal.xml	1	0.15	0.769	0.769	0.065	0.004	0.043	0.043	0.044	0.044	0.043	0.04	0.042	0.042
47141	M Screen 5% White-Stone	BSDF File	16	@	M Screen 5% White-Stone.xml	1	0.15	0.763	0.763	0.121	0.153	0.212	0.212	0.677	0.677	0.230	0.23	0.613	0.613
47142	M Screen 5% White-Linen	BSDF File	16	@	M Screen 5% White-Linen.xml	1	0.15	0.792	0.792	0.083	0.1066	0.148	0.148	0.689	0.689	0.177	0.18	0.625	0.625
47143	M Screen 5% Linen-Stone	BSDF File	16	@	M Screen 5% Linen-Stone.xml	1	0.15	0.802	0.802	0.088	0.1647	0.208	0.208	0.524	0.524	0.243	0.24	0.486	0.486
47144	M Screen 5% Linen-SableCocoa	BSDF File	16	@	M Screen 5% Linen-SableCocoa.xml	1	0.15	0.799	0.799	0.083	0.0612	0.102	0.102	0.380	0.380	0.125	0.12	0.351	0.351

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}
47145	M Screen 5% Charcoal-Sable	BSDF File	16	@	M Screen 5% Charcoal-Sable.xml	1	0.15	0.783	0.783	0.111	0.0094	0.059	0.059	0.127	0.127	0.064	0.06	0.119	0.119
47146	M Screen 5% Charcoal-Cocoa	BSDF File	16	@	M Screen 5% Charcoal-Cocoa.xml	1	0.15	0.794	0.794	0.085	0.0034	0.042	0.042	0.051	0.051	0.043	0.04	0.051	0.051
47153	M Screen Deco 3% Flagstone	BSDF File	16	@	M Screen Deco 3% Flagstone.xml	1	0.15	0.806	0.806	0.072	0.0128	0.053	0.053	0.212	0.212	0.065	0.06	0.209	0.209
47154	M Screen Deco 3% River Rock	BSDF File	16	@	M Screen Deco 3% River Rock.xml	1	0.15	0.769	0.769	0.101	0.0209	0.053	0.053	0.348	0.348	0.067	0.07	0.318	0.318
47155	M Screen Deco 3% Hazelnut	BSDF File	16	@	M Screen Deco 3% Hazelnut.xml	1	0.15	0.784	0.784	0.099	0.0092	0.042	0.042	0.125	0.125	0.05	0.05	0.132	0.132
47156	M Screen Deco 3% Parchment	BSDF File	16	@	M Screen Deco 3% Parchment.xml	1	0.15	0.788	0.788	0.083	0.0834	0.117	0.117	0.727	0.727	0.144	0.14	0.659	0.659
47157	M Screen Deco 3% Tumbleweed	BSDF File	16	@	M Screen Deco 3% Tumbleweed.xml	1	0.15	0.805	0.805	0.074	0.0177	0.048	0.048	0.315	0.315	0.068	0.07	0.306	0.306
47158	M Screen Deco 3% Naturelle	BSDF File	16	@	M Screen Deco 3% Naturelle.xml	1	0.15	0.779	0.779	0.1	0.0462	0.086	0.086	0.556	0.556	0.130	0.13	0.534	0.534

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}
47159	M Screen Deco 3% Harvest	BSDF File	16	@	M Screen Deco 3% Harvest.xml	1	0.15	0.792	0.792	0.076	0.0115	0.045	0.045	0.153	0.153	0.055	0.05	0.162	0.162
47166	M Screen Deco 5% Flagstone	BSDF File	16	@	M Screen Deco 5% Flagstone.xml	1	0.15	0.794	0.794	0.072	0.0159	0.066	0.066	0.203	0.203	0.079	0.08	0.2	0.2
47167	M Screen Deco 5% River Rock	BSDF File	16	@	M Screen Deco 5% River Rock.xml	1	0.15	0.786	0.786	0.087	0.0321	0.086	0.086	0.361	0.361	0.099	0.1	0.326	0.326
47168	M Screen Deco 5% Hazelnut	BSDF File	16	@	M Screen Deco 5% Hazelnut.xml	1	0.15	0.809	0.809	0.07	0.0123	0.055	0.055	0.136	0.136	0.063	0.06	0.145	0.145
47169	M Screen Deco 5% Parchment	BSDF File	16	@	M Screen Deco 5% Parchment.xml	1	0.15	0.785	0.785	0.089	0.0905	0.144	0.144	0.701	0.701	0.171	0.17	0.636	0.636
47170	M Screen Deco 5% Tumbleweed	BSDF File	16	@	M Screen Deco 5% Tumbleweed.xml	1	0.15	0.767	0.767	0.121	0.0229	0.083	0.083	0.297	0.297	0.101	0.10	0.289	0.289
47171	M Screen Deco 5% Naturelle	BSDF File	16	@	M Screen Deco 5% Naturelle.xml	1	0.15	0.806	0.806	0.064	0.0505	0.112	0.112	0.543	0.543	0.149	0.15	0.508	0.508
47172	M Screen Deco 5% Harvest	BSDF File	16	@	M Screen Deco 5% Harvest.xml	1	0.15	0.795	0.795	0.081	0.0164	0.067	0.067	0.169	0.169	0.080	0.08	0.179	0.179

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}
47245	T Screen Naturals 1% Pebble	BSDF File	16	@	T Screen Naturals 1% Pebble.xml	1	0.15	0.793	0.778	0.07	0.0519	0.059	0.068	0.728	0.428	0.075	0.08	0.653	0.403
47246	T Screen Naturals 1% Sand	BSDF File	16	@	T Screen Naturals 1% Sand.xml	1	0.15	0.772	0.786	0.083	0.1145	0.125	0.135	0.771	0.632	0.145	0.15	0.691	0.590
47247	T Screen Naturals 1% Beach	BSDF File	16	@	T Screen Naturals 1% Beach.xml	1	0.15	0.763	0.801	0.077	0.1332	0.144	0.149	0.848	0.838	0.151	0.16	0.759	0.749
47248	T Screen Naturals 1% Dune	BSDF File	16	@	T Screen Naturals 1% Dune.xml	1	0.15	0.773	0.776	0.083	0.0679	0.08	0.089	0.723	0.450	0.101	0.11	0.656	0.447
47249	T Screen Naturals 1% Horizon	BSDF File	16	@	T Screen Naturals 1% Horizon.xml	1	0.15	0.781	0.794	0.079	0.0406	0.047	0.053	0.704	0.319	0.06	0.07	0.629	0.305
47256	T Screen Naturals 3% Pebble	BSDF File	16	@	T Screen Naturals 3% Pebble.xml	1	0.15	0.773	0.738	0.097	0.0686	0.088	0.102	0.712	0.442	0.102	0.12	0.634	0.405
47257	T Screen Naturals 3% Sand	BSDF File	16	@	T Screen Naturals 3% Sand.xml	1	0.15	0.749	0.781	0.102	0.1107	0.135	0.143	0.753	0.618	0.163	0.17	0.676	0.587
47258	T Screen Naturals 3% Beach	BSDF File	16	@	T Screen Naturals 3% Beach.xml	1	0.15	0.772	0.761	0.093	0.1443	0.169	0.175	0.813	0.804	0.176	0.18	0.724	0.715

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}
47259	T Screen Naturals 3% Dune	BSDF File	16	@	T Screen Naturals 3% Dune.xml	1	0.15	0.766	0.756	0.109	0.0773	0.104	0.117	0.699	0.448	0.135	0.15	0.633	0.451
47260	T Screen Naturals 3% Horizon	BSDF File	16	@	T Screen Naturals 3% Horizon.xml	1	0.15	0.778	0.754	0.095	0.0576	0.078	0.089	0.678	0.344	0.091	0.10	0.604	0.323
47267	T Screen Naturals 5% Pebble	BSDF File	16	@	T Screen Naturals 5% Pebble.xml	1	0.15	0.755	0.773	0.099	0.0577	0.108	0.113	0.638	0.403	0.123	0.13	0.571	0.372
47268	T Screen Naturals 5% Sand	BSDF File	16	@	T Screen Naturals 5% Sand.xml	1	0.15	0.702	0.774	0.117	0.1188	0.183	0.187	0.692	0.571	0.211	0.21	0.629	0.546
47269	T Screen Naturals 5% Beach	BSDF File	16	@	T Screen Naturals 5% Beach.xml	1	0.15	0.709	0.743	0.119	0.1546	0.226	0.230	0.763	0.753	0.232	0.24	0.681	0.67
47270	T Screen Naturals 5% Dune	BSDF File	16	@	T Screen Naturals 5% Dune.xml	1	0.15	0.723	0.755	0.117	0.0789	0.149	0.156	0.620	0.402	0.18	0.19	0.574	0.413
47271	T Screen Naturals 5% Horizon	BSDF File	16	@	T Screen Naturals 5% Horizon.xml	1	0.15	0.764	0.707	0.112	0.0555	0.113	0.12	0.583	0.296	0.127	0.13	0.525	0.283
47357	S Screen 4% Granite	BSDF File	16	@	S Screen 4% Granite.xml	1	0.15	0.788	0.788	0.064	0.0229	0.073	0.073	0.322	0.322	0.084	0.08	0.305	0.305

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}
47358	S Screen 4% Marble	BSDF File	16	@	S Screen 4% Marble.xml	1	0.15	0.675	0.675	0.144	0.0419	0.093	0.093	0.550	0.550	0.1	0.1	0.492	0.492
47359	S Screen 4% Porcelain	BSDF File	16	@	S Screen 4% Porcelain.xml	1	0.15	0.82	0.82	0.008	0.0546	0.105	0.105	0.633	0.633	0.119	0.12	0.578	0.578
47360	S Screen 4% Jute	BSDF File	16	@	S Screen 4% Jute.xml	1	0.15	0.718	0.718	0.114	0.0501	0.094	0.094	0.439	0.439	0.112	0.11	0.409	0.409
47361	S Screen 4% Cork	BSDF File	16	@	S Screen 4% Cork.xml	1	0.15	0.788	0.788	0.066	0.0308	0.081	0.081	0.346	0.346	0.096	0.1	0.336	0.336
47362	S Screen 4% Papyrus	BSDF File	16	@	S Screen 4% Papyrus.xml	1	0.15	0.782	0.782	0.066	0.0321	0.081	0.081	0.369	0.369	0.101	0.10	0.366	0.366
47363	S Screen 4% Sesame	BSDF File	16	@	S Screen 4% Sesame.xml	1	0.15	0.718	0.718	0.113	0.008	0.062	0.062	0.17	0.17	0.066	0.07	0.163	0.163
47364	S Screen 4% Ginger	BSDF File	16	@	S Screen 4% Ginger.xml	1	0.15	0.75	0.75	0.105	0.0238	0.08	0.08	0.283	0.283	0.092	0.09	0.274	0.274
47365	S Screen 4% Nougat	BSDF File	16	@	S Screen 4% Nougat.xml	1	0.15	0.762	0.762	0.086	0.023	0.07	0.07	0.349	0.349	0.087	0.09	0.348	0.348

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}
47366	S Screen 4% Coffee Bean	BSDF File	16	@	S Screen 4% Coffee Bean.xml	1	0.15	0.731	0.731	0.099	0.0067	0.052	0.052	0.132	0.132	0.055	0.06	0.123	0.123
47367	S Screen 4% Peppercorn	BSDF File	16	@	S Screen 4% Peppercorn.xml	1	0.15	0.706	0.706	0.124	0.0149	0.055	0.055	0.310	0.310	0.064	0.06	0.290	0.290
47368	S Screen 4% Seasalt	BSDF File	16	@	S Screen 4% Seasalt.xml	1	0.15	0.722	0.722	0.098	0.0355	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
2500	Horizon 90 Mesh, Grey/Grey	BSDF File	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
6000	Hexcel Screen2 (S2) 3%, White Pearl	BSDF File	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	BSDF File	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

Nysan

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}
6002	GreenScreen Eco 3%, Charcoal Bronze	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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

Nysan

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}
6010	SuperTwill 3%, Bronze Linen Pewter	BSDF File	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	BSDF File	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
6012	Serge (Helioscreen) 3% 2165, Grey White	BSDF File	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	BSDF File	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	BSDF File	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
22000	White Venetian Blind, 1.06" IG, Open (ODL)	Venetian	8	#							0.9873								
22001	White Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8	#							0.7570								
22002	White Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8	#							0.9820								
22006	Espresso Venetian Blind, 1" IG, Open (ODL)	Venetian	8	#							0.9846								

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
22007	Espresso Venetian Blind, 1" IG, Closed (ODL)	Venetian	8	#							0.7793								
22008	Espresso Venetian Blind, 1" IG, 45 (ODL)	Venetian	8	#							0.9782								
22009	Sand Veneitan Blind, 1" IG, Open (ODL)	Venetian	8	#							0.9846								
22010	Sand Venetian Blind, 1" IG, Closed (ODL)	Venetian	8	#							0.7793								
22011	Sand Venetian Blind, 1" IG, 45 (ODL)	Venetian	8	#							0.9782								
22012	Tan Veneitan Blind, 1" IG, Open (ODL)	Venetian	8	#							0.9846								
22013	Tan Venetian Blind, 1" IG, Closed (ODL)	Venetian	8	#							0.7793								
22014	Tan Venetian Blind, 1" IG, 45 (ODL)	Venetian	8	#							0.9782								
22015	White Veneitan Blind, 1" IG, Open (ODL)	Venetian	8	#							0.9844								
22016	White Venetian Blind, 1" IG, Closed (ODL)	Venetian	8	#							0.7764								
22017	Whjite Venetian Blind, 1" IG, 45 (ODL)	Venetian	8	#							0.978								
22020	Espresso Veneitan Blind, 1.06" IG, Open (ODL)	Venetian	8	#							0.9874								
22021	Espresso Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8	#							0.7602								
22022	Espresso Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8	#							0.9822								
22023	Sand Veneitan Blind, 1.06" IG, Open (ODL)	Venetian	8	#							0.9874								
22024	Sand Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8	#							0.7602								
22025	Sand Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8	#							0.9822								

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
22026	Tan Venetian Blind, 1.06" IG, Open (ODL)	Venetian	8	#							0.9874								
22027	Tan Venetian Blind, 1.06" IG, Closed (ODL)	Venetian	8	#							0.7602								
22028	Tan Venetian Blind, 1.06" IG, 45 (ODL)	Venetian	8	#							0.9822								
22029	White Venetian Blind, 7/8" IG, Tilt Only, Open (ODL)	Venetian	11	#							0.9827								
22030	White Venetian Blind, 7/8" IG, Tilt Only, Closed (ODL)	Venetian	11	#							0.7915								
22031	White Venetian Blind, 7/8" IG, Tilt Only, 45 (ODL)	Venetian	11	#							0.9759								
22032	Espresso Venetian Blind, 7/8" IG, Tilt Only, Open (ODL)	Venetian	11	#							0.983								
22033	Espresso Venetian Blind, 7/8" IG, Tilt Only, Closed (ODL)	Venetian	11	#							0.7938								
22034	Espresso Venetian Blind, 7/8" IG, Tilt Only, 45 (ODL)	Venetian	11	#							0.9762								
22035	Sand Venetian Blind, 7/8" IG, Tilt Only, Open (ODL)	Venetian	11	#							0.983								
22036	Sand Venetian Blind, 7/8" IG, Tilt Only, Closed (ODL)	Venetian	11	#							0.7938								
22037	Sand Venetian Blind, 7/8" IG, Tilt Only, 45 (ODL)	Venetian	11	#							0.9762								
22038	Tan Venetian Blind, 7/8" IG, Tilt Only, Open (ODL)	Venetian	11	#							0.983								
22039	Tan Venetian Blind, 7/8" IG, Tilt Only, Closed (ODL)	Venetian	11	#							0.7938								

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
22040	Tan Venetian Blind, 7/8" IG, Tilt Only, 45 (ODL)	Venetian	11	#							0.9762								
22041	White Venetian Blind, 7/8" IG, RLT, Open (ODL)	Venetian	11	#							0.9789								
22042	White Venetian Blind, 7/8" IG, RLT, Closed (ODL)	Venetian	11	#							0.8233								
22043	White Venetian Blind, 7/8" IG, RLT, 45 (ODL)	Venetian	11	#							0.9706								
22044	Espresso Venetian Blind, 7/8" IG, RLT, Open (ODL)	Venetian	11	#							0.9792								
22045	Espresso Venetian Blind, 7/8" IG, RLT, Closed (ODL)	Venetian	11	#							0.8253								
22046	Espresso Venetian Blind, 7/8" IG, RLT, 45 (ODL)	Venetian	11	#							0.971								
22047	Sand Venetian Blind, 7/8" IG, RLT, Open (ODL)	Venetian	11	#							0.9792								
22048	Sand Venetian Blind, 7/8" IG, RLT, Closed (ODL)	Venetian	11	#							0.8253								
22049	Sand Venetian Blind, 7/8" IG, RLT, 45 (ODL)	Venetian	11	#							0.971								
22050	Tan Venetian Blind, 7/8" IG, RLT, Open (ODL)	Venetian	11	#							0.9792								
22051	Tan Venetian Blind, 7/8" IG, RLT, Closed (ODL)	Venetian	11	#							0.8253								
22052	Tan Venetian Blind, 7/8" IG, RLT, 45 (ODL)	Venetian	11	#							0.971								

Pella

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
3000	Slim White VB Closed	Venetian	1	#							0.9546								
3001	Slim White VB 45	Venetian	1	#							0.9889								
3002	Slim White Open	Venetian	1	#							0.9917								
3003	Slim Marine Closed	Venetian	1	#							0.9917								
3004	Slim Marine 45	Venetian	1	#							0.9889								
3005	Slim Marine Open	Venetian	1	#							0.9921								

Phifer Incorporated

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
17000	sheerWeave 2360, P12 Oyster	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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

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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}
17005	sheerWeave 7300,R29 Hide	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	10	@	2014-SC20.XML	0	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	BSDF File	10	@	2014-SC21.XML	0	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
17011	sheerWeave 2390 Performance + P13 Oyster/Beige	BSDF File	10	@	2014-SC22.XML	0	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	BSDF File	10	@	2014-SC23.XML	0	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

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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}
17013	sheerWeave 2390 Performance + Q21 Beige/Pearl Gray	BSDF File	10	@	2014-SC24.XML	0	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	BSDF File	10	@	2014-SC25.XML	0	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	BSDF File	10	@	2014-SC26.XML	0	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	BSDF File	10	@	2014-SC27.XML	0	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	BSDF File	10	@	2014-SC28.XML	0	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	BSDF File	10	@	2014-SC29.XML	0	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	BSDF File	10	@	2014-SC30.XML	0	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
17020	sheerWeave 2410 Performance + Q21 Beige/Pearl Gray	BSDF File	10	@	2014-SC31.XML	0	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

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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}
17021	sheerWeave 2410 Performance + P12 Oyster	BSDF File	10	@	2014-SC33.XML	0	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	BSDF File	10	@	2014-SC34.XML	0	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	BSDF File	10	@	2014-SC35.XML	0	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	BSDF File	10	@	2014-SC36.XML	0	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	BSDF File	10	@	2014-SC37.XML	0	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	BSDF File	10	@	2014-SC38.XML	0	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	BSDF File	15	@	Suntex_95_Alpaca.xml	1	0.2	0.82	0.82	0.09	0.0121	0.070	0.071	0.398	0.4	0.096	0.1	0.386	0.388
17028	Suntex 95 Black	BSDF File	15	@	Suntex_95_Black.xml	1	0.2	0.84	0.84	0.08	0.0049	0.065	0.063	0.034	0.034	0.066	0.06	0.035	0.035

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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}
17029	Suntex 95 Carbon	BSDF File	15	@	Suntex_95_Carbon.xml	1	0.2	0.82	0.82	0.09	0.007	0.063	0.064	0.105	0.099	0.067	0.07	0.102	0.099
17030	Suntex 95 Chestnut	BSDF File	15	@	Suntex_95_Chestnut.xml	1	0.2	0.81	0.81	0.09	0.0328	0.088	0.088	0.413	0.416	0.122	0.12	0.392	0.393
17031	Suntex 95 Dark Bronze	BSDF File	15	@	Suntex_95_Dark_Bronze.xml	1	0.2	0.83	0.83	0.08	0.0045	0.061	0.062	0.044	0.044	0.063	0.06	0.049	0.05
17032	Suntex 95 Mocha	BSDF File	15	@	Suntex_95_Mocha.xml	1	0.2	0.81	0.81	0.1	0.0089	0.068	0.067	0.224	0.223	0.086	0.09	0.240	0.24
17033	Suntex 95 Sand	BSDF File	15	@	Suntex_95_Sand.xml	1	0.2	0.82	0.82	0.09	0.023	0.073	0.075	0.454	0.453	0.129	0.13	0.452	0.451
17034	Suntex 95 Stucco	BSDF File	15	@	Suntex_95_Stucco.xml	1	0.2	0.83	0.83	0.08	0.0456	0.098	0.096	0.529	0.529	0.154	0.15	0.511	0.512
17035	Suntex 95 White	BSDF File	15	@	Suntex_95_White.xml	1	0.2	0.83	0.83	0.08	0.1015	0.161	0.163	0.798	0.798	0.201	0.20	0.702	0.702
17036	Suntex 95 White Grey	BSDF File	15	@	Suntex_95_White_Grey.xml	1	0.2	0.82	0.82	0.09	0.0478	0.105	0.104	0.598	0.601	0.132	0.13	0.527	0.53

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}
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Ricky Richards

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
1000	Black, Close Weave	BSDF File	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	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
50000	3000 Net 1% - White/White	BSDF File	15	@	3000 Net 1% - White-White.xml	1	0.15	0.792	0.792	0.069	0.119	0.125	0.125	0.854	0.860	0.172	0.17	0.746	0.75
50001	3000 Net 1% - White/Beige	BSDF File	15	@	3000 Net 1% - White-Beige.xml	1	0.15	0.805	0.782	0.083	0.101	0.104	0.107	0.716	0.718	0.162	0.16	0.642	0.644
50002	3000 Net 1% - White/Gray	BSDF File	15	@	3000 Net 1% - White-Gray.xml	1	0.15	0.779	0.779	0.093	0.043	0.048	0.052	0.597	0.595	0.090	0.09	0.530	0.53
50003	3000 Net 1% - Beige/Beige	BSDF File	15	@	3000 Net 1% - Beige-Beige.xml	1	0.15	0.805	0.794	0.078	0.1076	0.109	0.116	0.562	0.562	0.174	0.18	0.523	0.523
50004	3000 Net 1% - Beige/Gray	BSDF File	15	@	3000 Net 1% - Beige-Gray.xml	1	0.15	0.826	0.788	0.076	0.0421	0.056	0.056	0.432	0.428	0.101	0.10	0.404	0.401
50005	3000 Net 1% - Gray/Gray	BSDF File	15	@	3000 Net 1% - Gray-Gray.xml	1	0.15	0.811	0.78	0.082	0.0117	0.015	0.016	0.323	0.324	0.047	0.05	0.312	0.314

Rollease 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}
50006	3000 Net 1% - Charcoal/Charcoal	BSDF File	15	@	3000 Net 1% - Charcoal-Charcoal.xml	1	0.15	0.794	0.804	0.083	0.001	0.007	0.006	0.036	0.036	0.007	0.007	0.035	0.036
50007	3000 Net 1% - Charcoal/Bronze	BSDF File	15	@	3000 Net 1% - Charcoal-Bronze.xml	1	0.15	0.813	0.813	0.067	0.001	0.005	0.005	0.052	0.053	0.007	0.006	0.056	0.057
50008	3000 Net 1% - Charcoal/Gray	BSDF File	15	@	3000 Net 1% - Charcoal-Gray.xml	1	0.15	0.779	0.779	0.105	0.0014	0.005	0.005	0.126	0.126	0.008	0.008	0.116	0.115
50009	3000 Net 3% - White/White	BSDF File	15	@	3000 Net 3% - White-White.xml	1	0.15	0.81	0.774	0.093	0.1165	0.153	0.149	0.808	0.806	0.202	0.2	0.713	0.712
50010	3000 Net 3% - White/Beige	BSDF File	15	@	3000 Net 3% - White-Beige.xml	1	0.15	0.801	0.801	0.098	0.105	0.139	0.140	0.679	0.679	0.198	0.2	0.608	0.609
50011	3000 Net 3% - White/Gray	BSDF File	15	@	3000 Net 3% - White-Gray.xml	1	0.15	0.769	0.769	0.119	0.0328	0.058	0.061	0.53	0.533	0.101	0.11	0.478	0.481
50012	3000 Net 3% - Beige/Beige	BSDF File	15	@	3000 Net 3% - Beige-Beige.xml	1	0.15	0.81	0.774	0.09	0.102	0.126	0.124	0.562	0.554	0.191	0.19	0.522	0.516
50013	3000 Net 3% - Beige/Gray	BSDF File	15	@	3000 Net 3% - Beige-Gray.xml	1	0.15	0.807	0.805	0.082	0.0505	0.088	0.085	0.415	0.414	0.137	0.13	0.391	0.390

Rollease 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}
50014	3000 Net 3% - Gray/Gray	BSDF File	15	@	3000 Net 3% - Gray-Gray.xml	1	0.15	0.773	0.792	0.094	0.0158	0.046	0.047	0.327	0.324	0.081	0.08	0.319	0.316
50015	3000 Net 3% - Charcoal/Charcoal	BSDF File	15	@	3000 Net 3% - Charcoal-Charcoal.xml	1	0.15	0.761	0.802	0.1	0.0029	0.041	0.041	0.034	0.035	0.042	0.04	0.034	0.035
50016	3000 Net 3% - Charcoal/Bronze	BSDF File	15	@	3000 Net 3% - Charcoal-Bronze.xml	1	0.15	0.779	0.828	0.09	0.003	0.032	0.033	0.062	0.063	0.035	0.04	0.069	0.071
50017	3000 Net 3% - Charcoal/Gray	BSDF File	15	@	3000 Net 3% - Charcoal-Gray.xml	1	0.15	0.781	0.825	0.078	0.0057	0.037	0.037	0.168	0.169	0.043	0.04	0.154	0.155
50018	3000 Net 5% - White/White	BSDF File	15	@	3000 Net 5% - White-White.xml	1	0.15	0.8	0.752	0.106	0.1177	0.172	0.172	0.787	0.785	0.224	0.22	0.687	0.685
50019	3000 Net 5% - White/Beige	BSDF File	15	@	3000 Net 5% - White-Beige.xml	1	0.15	0.772	0.779	0.108	0.1176	0.181	0.181	0.636	0.638	0.239	0.24	0.572	0.573
50020	3000 Net 5% - White/Gray	BSDF File	15	@	3000 Net 5% - White-Gray.xml	1	0.15	0.789	0.756	0.117	0.0429	0.104	0.103	0.489	0.49	0.151	0.15	0.446	0.446
50021	3000 Net 5% - Beige/Beige	BSDF File	15	@	3000 Net 5% - Beige-Beige.xml	1	0.15	0.774	0.783	0.12	0.1269	0.191	0.193	0.527	0.529	0.251	0.25	0.488	0.490

Rollease 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}
50022	3000 Net 5% - Beige/Gray	BSDF File	15	@	3000 Net 5% - Beige-Gray.xml	1	0.15	0.78	0.794	0.095	0.0515	0.099	0.100	0.402	0.401	0.152	0.15	0.384	0.383
50023	3000 Net 5% - Gray/Gray	BSDF File	15	@	3000 Net 5% - Gray-Gray.xml	1	0.15	0.807	0.784	0.087	0.0222	0.088	0.086	0.306	0.305	0.128	0.12	0.299	0.297
50024	3000 Net 5% - Charcoal/Charcoal	BSDF File	15	@	3000 Net 5% - Charcoal-Charcoal.xml	1	0.15	0.796	0.788	0.099	0.0037	0.055	0.055	0.035	0.035	0.056	0.06	0.035	0.035
50025	3000 Net 5% - Charcoal/Bronze	BSDF File	15	@	3000 Net 5% - Charcoal-Bronze.xml	1	0.15	0.782	0.782	0.107	0.0054	0.072	0.069	0.06	0.059	0.078	0.08	0.068	0.067
50026	3000 Net 5% - Charcoal/Gray	BSDF File	15	@	3000 Net 5% - Charcoal-Gray.xml	1	0.15	0.8	0.764	0.094	0.0113	0.077	0.073	0.171	0.169	0.088	0.08	0.158	0.156
50027	3000 Net 10% - White/White	BSDF File	15	@	3000 Net 10% - White-White.xml	1	0.15	0.765	0.757	0.127	0.1201	0.203	0.204	0.76	0.757	0.251	0.25	0.667	0.664
50028	3000 Net 10% - White/Beige	BSDF File	15	@	3000 Net 10% - White-Beige.xml	1	0.15	0.733	0.767	0.126	0.1223	0.204	0.205	0.637	0.633	0.257	0.26	0.574	0.57
50029	3000 Net 10% - White/Gray	BSDF File	15	@	3000 Net 10% - White-Gray.xml	1	0.15	0.773	0.773	0.084	0.042	0.099	0.102	0.487	0.490	0.145	0.15	0.444	0.446

Rollease 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}
50030	3000 Net 10% - Charcoal/Charcoal	BSDF File	15	@	3000 Net 10% - Charcoal-Charcoal.xml	1	0.15	0.77	0.77	0.129	0.004	0.086	0.085	0.037	0.037	0.087	0.09	0.036	0.037
50031	3000 HT 3% - White/White	BSDF File	15	@	3000 HT 3% - White-White.xml	1	0.15	0.765	0.765	0.116	0.144	0.189	0.186	0.764	0.77	0.233	0.23	0.675	0.679
50032	3000 HT 3% - White/Beige	BSDF File	15	@	3000 HT 3% - White-Beige.xml	1	0.15	0.762	0.763	0.11	0.1323	0.196	0.206	0.651	0.573	0.245	0.25	0.585	0.531
50033	3000 HT 3% - White/Light Gray	BSDF File	15	@	3000 HT 3% - White-Light Gray.xml	1	0.15	0.753	0.786	0.113	0.0838	0.136	0.142	0.611	0.435	0.183	0.19	0.553	0.425
50034	3000 HT 3% - White/Dim Gray	BSDF File	15	@	3000 HT 3% - White-Dim Gray.xml	1	0.15	0.818	0.755	0.827	0.0357	0.08	0.086	0.536	0.238	0.111	0.12	0.479	0.245
50035	3000 HT 3% - White/Bronze	BSDF File	15	@	3000 HT 3% - White-Bronze.xml	1	0.15	0.796	0.759	0.092	0.0251	0.079	0.080	0.491	0.161	0.105	0.11	0.431	0.166
50036	3000 HT 3% - White/Charcoal	BSDF File	15	@	3000 HT 3% - White-Charcoal.xml	1	0.15	0.776	0.778	0.107	0.0179	0.071	0.071	0.484	0.122	0.075	0.08	0.405	0.099
50037	3000 HT 5% - White/White	BSDF File	15	@	3000 HT 5% - White-White.xml	0	0.15	0.774	0.772	0.11	0.1388	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
50038	3000 HT 5% - White/Beige	BSDF File	15	@	3000 HT 5% - White-Beige.xml	0	0.15	0.797	0.745	0.101	0.142	0.205	0.206	0.653	0.579	0.253	0.25	0.589	0.538
50039	3000 HT 5% - White/Light Gray	BSDF File	15	@	3000 HT 5% - White-Light Gray.xml	0	0.15	0.766	0.75	0.13	0.0911	0.162	0.171	0.615	0.45	0.215	0.22	0.553	0.436
50040	3000 HT 5% - White/Dim Gray	BSDF File	15	@	3000 HT 5% - White-Dim Gray.xml	0	0.15	0.756	0.745	0.131	0.0479	0.123	0.138	0.539	0.262	0.158	0.17	0.481	0.264
50041	3000 HT 5% - White/Bronze	BSDF File	15	@	3000 HT 5% - White-Bronze.xml	0	0.15	0.789	0.762	0.107	0.023	0.073	0.080	0.502	0.167	0.098	0.11	0.442	0.175
50042	3000 HT 5% - White/Charcoal	BSDF File	15	@	3000 HT 5% - White-Charcoal.xml	0	0.15	0.779	0.778	0.095	0.0154	0.059	0.062	0.487	0.121	0.063	0.07	0.412	0.102
50043	SilverScreen 2% - White	BSDF File	16	@	SilverScreen 2% - White.xml	0	0.15	0.084	0.757	0.471	0.0095	0.030	0.029	0.766	0.785	0.031	0.03	0.789	0.717
50044	SilverScreen 2% - Beige	BSDF File	16	@	SilverScreen 2% - Beige.xml	0	0.15	0.093	0.786	0.056	0.0124	0.040	0.038	0.764	0.672	0.041	0.04	0.784	0.634
50045	SilverScreen 2% - Light Gray	BSDF File	16	@	SilverScreen 2% - Light Gray.xml	0	0.15	0.084	0.767	0.063	0.0098	0.032	0.031	0.777	0.606	0.032	0.03	0.798	0.565

Rollease 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}
50046	SilverScreen 2% - Black	BSDF File	16	@	SilverScreen 2% - Black.xml	0	0.15	0.086	0.76	0.074	0.0063	0.027	0.021	0.786	0.055	0.028	0.02	0.808	0.053
50047	SilverScreen 2% - Dark Gray	BSDF File	16	@	SilverScreen 2% - Dark Gray.xml	0	0.15	0.089	0.787	0.059	0.0072	0.031	0.027	0.778	0.085	0.031	0.03	0.797	0.088
50048	SilverScreen 2% - Bronze	BSDF File	16	@	SilverScreen 2% - Bronze.xml	0	0.15	0.084	0.782	0.065	0.0085	0.038	0.03	0.779	0.128	0.038	0.03	0.798	0.125
50049	SilverScreen 2% - Steel Gray	BSDF File	16	@	SilverScreen 2% - Steel Gray.xml	0	0.15	0.082	0.729	0.065	0.0074	0.027	0.023	0.773	0.294	0.027	0.02	0.793	0.304
50050	SilverScreen 4% - White	BSDF File	16	@	SilverScreen 4% - White.xml	0	0.15	0.102	0.776	0.062	0.0160	0.052	0.050	0.738	0.767	0.052	0.05	0.759	0.696
50051	SilverScreen 4% - Beige	BSDF File	16	@	SilverScreen 4% - Beige.xml	0	0.15	0.223	0.767	0.065	0.6513	0.060	0.055	0.638	0.651	0.062	0.06	0.676	0.611
50052	SilverScreen 4% - Light Gray	BSDF File	16	@	SilverScreen 4% - Light Gray.xml	0	0.15	0.125	0.808	0.046	0.0144	0.054	0.048	0.714	0.573	0.055	0.05	0.747	0.527
50053	SilverScreen 4% - Bronze	BSDF File	16	@	SilverScreen 4% - Bronze.xml	0	0.15	0.107	0.772	0.07	0.0080	0.042	0.038	0.716	0.126	0.042	0.04	0.749	0.12

Rollease Acmeda

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50054	SilverScreen 4% - Dark Gray	BSDF File	16	@	SilverScreen 4% - Dark Gray.xml	0	0.15	0.097	0.76	0.072	0.0091	0.045	0.039	0.734	0.082	0.046	0.04	0.760	0.088
50055	SilverScreen 4% - Black	BSDF File	16	@	SilverScreen 4% - Black.xml	0	0.15	0.119	0.801	0.047	0.0098	0.054	0.049	0.702	0.046	0.054	0.05	0.734	0.044
50056	SilverScreen 4% - Chocolate Brown	BSDF File	16	@	SilverScreen 4% - Chocolate Brown.xml	0	0.15	0.119	0.81	0.038	0.0098	0.051	0.044	0.723	0.055	0.051	0.04	0.752	0.055
50057	SilverScreen 4% - Misty Gray	BSDF File	16	@	SilverScreen 4% - Misty Gray.xml	0	0.15	0.119	0.778	0.05	0.0142	0.052	0.047	0.733	0.376	0.053	0.05	0.760	0.357
50058	SilverScreen 4% - Steel Gray	BSDF File	16	@	SilverScreen 4% - Steel Gray.xml	0	0.15	0.101	0.788	0.042	0.0112	0.051	0.044	0.737	0.299	0.052	0.05	0.758	0.306
50059	SilverScreen 4% - Dark Beige	BSDF File	16	@	SilverScreen 4% - Dark Beige.xml	0	0.15	0.121	0.766	0.063	0.0141	0.054	0.053	0.718	0.555	0.056	0.05	0.747	0.535
50060	OmniaScreen 3% - White-White	BSDF File	16	@	OmniaScreen 3% - White-White.xml	1	0.15	0.149	0.776	0.059	0.0163	0.046	0.043	0.729	0.801	0.048	0.05	0.752	0.716
50061	OmniaScreen 3% - White-Beige	BSDF File	16	@	OmniaScreen 3% - White-Beige.xml	1	0.15	0.14	0.81	0.051	0.0169	0.060	0.056	0.668	0.654	0.063	0.06	0.699	0.602
50062	OmniaScreen 3% - White-Gray	BSDF File	16	@	OmniaScreen 3% - White-Gray.xml	1	0.15	0.134	0.78	0.056	0.0116	0.042	0.035	0.802	0.524	0.042	0.04	0.812	0.476

Rollease Acmeda

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50063	OmniaScreen 3% - Charcoal-Charcoal	BSDF File	16	@	OmniaScreen 3% - Charcoal-Charcoal.xml	1	0.15	0.127	0.768	0.039	0.0071	0.039	0.033	0.686	0.039	0.04	0.03	0.715	0.038
50064	OmniaScreen 3% - Charcoal-Bronze	BSDF File	16	@	OmniaScreen 3% - Charcoal-Bronze.xml	1	0.15	0.129	0.727	0.083	0.0082	0.039	0.035	0.746	0.066	0.039	0.03	0.773	0.072
50065	OmniaScreen 3% - Charcoal-Dark Gray	BSDF File	16	@	OmniaScreen 3% - Charcoal-Dark Gray.xml	1	0.15	0.115	0.804	0.055	0.0090	0.049	0.045	0.689	0.085	0.049	0.05	0.710	0.085
50066	EnviroScreen 2% - Light Gray	BSDF File	16	@	EnviroScreen 2% - Light Gray.xml	0	0.15	0.212	0.759	0.047	0.0215	0.033	0.04	0.714	0.622	0.035	0.04	0.733	0.601
50067	EnviroScreen 2% - Beige	BSDF File	16	@	EnviroScreen 2% - Beige.xml	0	0.15	0.203	0.772	0.059	0.0183	0.032	0.041	0.717	0.526	0.035	0.04	0.736	0.555
50068	EnviroScreen 2% - Tan	BSDF File	16	@	EnviroScreen 2% - Tan.xml	0	0.15	0.218	0.775	0.057	0.0163	0.029	0.038	0.734	0.442	0.034	0.04	0.753	0.535
50069	EnviroScreen 2% - Black	BSDF File	16	@	EnviroScreen 2% - Black.xml	0	0.15	0.256	0.759	0.054	0.0028	0.016	0.015	0.649	0.033	0.034	0.04	0.673	0.347
50070	EnviroScreen 2% - Steel Gray	BSDF File	16	@	EnviroScreen 2% - Steel Gray.xml	0	0.15	0.254	0.791	0.053	0.0102	0.023	0.027	0.723	0.213	0.032	0.04	0.742	0.433
50071	EnviroScreen 2% - Dark Gray	BSDF File	16	@	EnviroScreen 2% - Dark Gray.xml	0	0.15	0.233	0.764	0.049	0.0043	0.017	0.018	0.724	0.072	0.028	0.03	0.745	0.367

Rollease Acmeda

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50072	Balmoral BO - Pearl	BSDF File	15	@	Balmoral BO - Pearl.xml	1	0.15	0.863	0.842	0	0	3E-05	3E-05	0.81	0.802	1E-04	9E-05	0.697	0.728
50073	Balmoral BO - Pyrite	BSDF File	15	@	Balmoral BO - Pyrite.xml	1	0.15	0.871	0.828	0	0	3E-05	2E-05	0.819	0.269	9E-05	7E-05	0.721	0.288
50074	Balmoral BO - Dove	BSDF File	15	@	Balmoral BO - Dove.xml	1	0.15	0.875	0.823	0	0	4E-05	3E-05	0.811	0.401	1E-04	8E-05	0.716	0.432
50075	Balmoral BO - Putty	BSDF File	15	@	Balmoral BO - Putty.xml	1	0.15	0.871	0.827	0	0	3E-05	2E-05	0.765	0.652	9E-05	7E-05	0.677	0.618
50076	Balmoral BO - Birch	BSDF File	15	@	Balmoral BO - Birch.xml	1	0.15	0.869	0.832	0	0	3E-05	2E-05	0.802	0.652	9E-05	8E-05	0.704	0.622
50077	Balmoral BO - Concrete	BSDF File	15	@	Balmoral BO - Concrete.xml	1	0.15	0.873	0.836	0	0	3E-05	8E-06	0.787	0.558	8E-05	8E-05	0.678	0.563
50078	Balmoral BO - White	BSDF File	15	@	Balmoral BO - White.xml	1	0.15	0.886	0.774	0	0	3E-05	4E-05	0.835	0.797	7E-05	9E-05	0.716	0.727
50079	Balmoral BO - Bourneville	BSDF File	15	@	Balmoral BO - Bourneville.xml	1	0.15	0.86	0.838	0	0	2E-05	2E-05	0.815	0.084	6E-05	6E-05	0.718	0.107

Rollease Acmeda

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50080	Balmoral BO - Jet	BSDF File	15	@	Balmoral BO - Jet.xml	1	0.15	0.871	0.842	0	0	1E-05	2E-05	0.79	0.057	6E-05	6E-05	0.686	0.063
50081	Balmoral Blackout (Steel)	BSDF File	15	@	Balmoral Blackout - Steel.xml	1	0.15	0.834	0.887	0	0	0	2E-05	0.862	0.194	7E-05	6E-05	0.746	0.199
50082	Balmoral LF - Pearl	BSDF File	15	@	Balmoral LF - Pearl.xml	0	0.15	0.724	0.735	0.12	0.4222	0.467	0.470	0.499	0.51	0.461	0.46	0.48	0.491
50083	Balmoral LF - Pyrite	BSDF File	15	@	Balmoral LF - Pyrite.xml	0	0.15	0.735	0.745	0.115	0.1035	0.135	0.141	0.156	0.191	0.155	0.16	0.17	0.204
50084	Balmoral LF - Dove	BSDF File	15	@	Balmoral LF - Dove.xml	0	0.15	0.74	0.751	0.096	0.2182	0.257	0.258	0.304	0.291	0.295	0.3	0.33	0.324
50085	Balmoral LF - Putty	BSDF File	15	@	Balmoral LF - Putty.xml	0	0.15	0.704	0.77	0.107	0.3514	0.388	0.387	0.458	0.435	0.397	0.4	0.456	0.436
50086	Balmoral Blackout (Birch)	BSDF File	15	@	Balmoral Light Filtering - Birch.xml	1	0.15	0.718	0.718	0.113	0.367	0.393	0.398	0.445	0.444	0.403	0.41	0.443	0.441
50087	Balmoral LF - Concrete	BSDF File	15	@	Balmoral LF - Concrete.xml	0	0.15	0.754	0.726	0.11	0.2956	0.330	0.323	0.388	0.385	0.353	0.35	0.405	0.401

Rollease Acmeda

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50088	Balmoral LF - White	BSDF File	15	@	Balmoral LF - White.xml	0	0.15	0.748	0.74	0.105	0.4243	0.451	0.452	0.509	0.527	0.443	0.44	0.492	0.510
50089	Balmoral LF - Bourneville	BSDF File	15	@	Balmoral LF - Bourneville.xml	0	0.15	0.781	0.747	0.084	0.0381	0.073	0.075	0.073	0.060	0.087	0.09	0.085	0.067
50090	Balmoral Blackout (Jet)	BSDF File	14	@	Balmoral Light Filtering - Jet.xml	1	0.15	0.736	0.756	0.0934	0.022	0.060	0.055	0.043	0.048	0.065	0.06	0.045	0.053
50091	Balmoral Blackout (Steel)	BSDF File	14	@	Balmoral Blackout - Steel.xml	1	0.15	0.834	0.887	0	0	0	2E-05	0.862	0.194	7E-05	6E-05	0.746	0.199
50092	Mesa - Dove White	BSDF File	15	@	Mesa - Dove White.xml	1	0.15	0.795	0.824	0	0	4E-05	4E-05	0.832	0.835	9E-05	0.0001	0.723	0.765
50093	Mesa - White	BSDF File	15	@	Mesa - White.xml	1	0.15	0.867	0.878	0	0	4E-05	5E-05	0.846	0.871	0.0001	0.0001	0.749	0.789
50094	Mesa - Pearl	BSDF File	15	@	Mesa - Pearl.xml	1	0.15	0.874	0.88	0	0	4E-05	2E-05	0.840	0.766	9E-05	0.0001	0.727	0.72
50095	Mesa - Latte	BSDF File	15	@	Mesa - Latte.xml	1	0.15	0.864	0.877	0	0	7E-05	2E-05	0.332	0.838	0.0001	7E-05	0.341	0.739

Rollase Acmeda

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50096	Mesa - Seal	BSDF File	15	@	Mesa - Seal.xml	1	0.15	0.883	0.893	0	0	4E-05	3E-05	0.784	0.214	8E-05	9E-05	0.687	0.195
50097	Mesa - Cocoa	BSDF File	15	@	Mesa - Cocoa.xml	1	0.15	0.871	0.865	0	0	6E-05	5E-05	0.823	0.062	0.0001	8E-05	0.724	0.062
50098	Mesa - Slate	BSDF File	15	@	Mesa - Slate.xml	1	0.15	0.84	0.875	0	0	5E-05	2E-05	0.863	0.140	1E-04	8E-05	0.764	0.122
50099	Mesa Blackout (Black)	BSDF File	14	@	Mesa Blackout - Black.xml	1	0.15	0.842	0.874	0	0	1E-05	1E-05	0.849	0.038	7E-05	6E-05	0.747	0.036
50100	Tempe - Polar	BSDF File	15	@	Tempe - Polar.xml	0	0.15	0.877	0.842	0	0	8E-05	4E-05	0.765	0.809	0.0002	0.0002	0.647	0.687
50101	Tempe - Linen	BSDF File	15	@	Tempe - Linen.xml	0	0.15	0.875	0.878	0	0	4E-05	6E-05	0.778	0.772	0.001	0.001	0.661	0.648
50102	Tempe - Almond	BSDF File	15	@	Tempe - Almond.xml	0	0.15	0.875	0.856	0	0	3E-05	6E-05	0.764	0.716	0.0005	0.0005	0.663	0.631
50103	Tempe - Straw	BSDF File	15	@	Tempe - Straw.xml	0	0.15	0.869	0.861	0	0	4E-05	5E-05	0.757	0.698	0.0009	0.0009	0.643	0.603

Rollease Acmeda

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50104	Tempe - Cloud	BSDF File	15	@	Tempe - Cloud.xml	0	0.15	0.876	0.852	0	0	4E-05	5E-05	0.774	0.57	0.0009	0.0009	0.651	0.489
50105	Tempe - Wheat	BSDF File	15	@	Tempe - Wheat.xml	0	0.15	0.878	0.875	0	0	5E-05	4E-05	0.772	0.488	0.001	0.001	0.649	0.446
50106	Tempe - Desert	BSDF File	15	@	Tempe - Desert.xml	0	0.15	0.874	0.863	0	0	4E-05	5E-05	0.774	0.388	0.0007	0.0007	0.65	0.346
50107	Tempe - Espresso	BSDF File	15	@	Tempe - Espresso.xml	0	0.15	0.869	0.893	0	0	5E-05	5E-05	0.757	0.084	0.0001	1E-04	0.637	0.08
50108	X-Weave - Sand	BSDF File	16	@	X-Weave - Sand.xml	1	0.15	0.765	0.765	0.11	0.0971	0.169	0.169	0.541	0.541	0.231	0.23	0.497	0.497
50109	X-Weave - Stone Gray	BSDF File	16	@	X-Weave - Stone Gray.xml	1	0.15	0.791	0.791	0.081	0.0136	0.083	0.083	0.294	0.294	0.11	0.11	0.282	0.282
50110	X-Weave - Slate	BSDF File	16	@	X-Weave - Slate.xml	1	0.15	0.755	0.755	0.129	0.0047	0.075	0.075	0.081	0.081	0.077	0.08	0.075	0.075
50111	X-Weave - Mohogany	BSDF File	16	@	X-Weave - Mohogany.xml	1	0.15	0.75	0.75	0.142	0.0057	0.088	0.088	0.057	0.057	0.091	0.09	0.057	0.057

Rollease Acmeda

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50112	X-Weave - Graphite	BSDF File	16	@	X-Weave - Graphite.xml	1	0.15	0.761	0.761	0.125	0.0554	0.128	0.128	0.122	0.122	0.128	0.13	0.114	0.114
50113	X-Weave - Onyx	BSDF File	16	@	X-Weave - Onyx.xml	1	0.15	0.761	0.761	0.127	0.0051	0.088	0.088	0.028	0.028	0.088	0.09	0.026	0.026
50114	3000 Net Privacy - White-White	BSDF File	16	@	3000 Net Privacy - White-White.xml	1	0.15	0.768	0.768	0.096	0.1104	0.113	0.113	0.834	0.834	0.164	0.16	0.733	0.733
50115	3000 Net Privacy - White-Beige	BSDF File	16	@	3000 Net Privacy - White-Beige.xml	1	0.15	0.707	0.707	0.154	0.0378	0.039	0.039	0.601	0.601	0.078	0.08	0.539	0.539
50116	3000 Net Privacy - White-Gray	BSDF File	16	@	3000 Net Privacy - White-Gray.xml	1	0.15	0.754	0.754	0.119	0.0974	0.098	0.098	0.731	0.731	0.155	0.16	0.654	0.654
50117	3000 Net Privacy - Gray-Gray	BSDF File	16	@	3000 Net Privacy - Gray-Gray.xml	1	0.15	0.762	0.762	0.113	0.0109	0.011	0.011	0.326	0.326	0.044	0.04	0.318	0.318
50118	3000 Net Privacy - Charcoal-Gray	BSDF File	16	@	3000 Net Privacy - Charcoal-Gray.xml	1	0.15	0.776	0.776	0.102	0.0003	0.0003	0.0003	0.12	0.12	0.002	0.002	0.108	0.108
50119	3000 Net Privacy - Charcoal-Bronze	BSDF File	16	@	3000 Net Privacy - Charcoal-Bronze.xml	1	0.15	0.801	0.801	0.055	5E-05	0.0001	0.0001	0.052	0.052	0.001	0.001	0.055	0.055
50120	3000 Net Privacy - Charcoal-Charcoal	BSDF File	16	@	3000 Net Privacy - Charcoal-Charcoal.xml	1	0.15	0.831	0.831	0.036	0.0003	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)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24500	White Venetian Blind Open (Shanghai King Shine)	Venetian	7	#							0.9859								
24501	White Venetian Blind Closed (Shanghai King Shine)	Venetian	7	#							0								
24502	White Venetian Blind 45 (Shanghai King Shine)	Venetian	7	#							0.9801								

Shaw

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
1500	Alabaster 2772	BSDF File	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	BSDF File	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)	ϵ_f	ϵ_b	Tir	Perm	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
48000	SCES Venetian Blind White - Open	Venetian	16	#							0.9789								
48001	SCES Venetian Blind White - 45	Venetian	16	#							0.9707								
48002	SCES Venetian Blind White - Closed	Venetian	16	#							0.7200								

Solar Comfort

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
18000	Solar Comfort Radiant Barrier	Perforated Screen	4	@							0.3700								

Springs Windows Fashions

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}
21000	Cocoon Mist 3812	BSDF File	10	@	2014-SC5.XML	0	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	BSDF File	10	@	2014-SC6.XML	0	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	BSDF File	10	@	2014-SC7.XML	0	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	BSDF File	10	@	2014-SC8.XML	0	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	BSDF File	10	@	2014-SC9.XML	0	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	BSDF File	10	@	2014-SC10.XML	0	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
27000	Sunset White Venetian Blind Open	Venetian	10	#							0.9768								
27001	Sunset White Venetian Blind Closed	Venetian	10	#							0.669								

Sunset Windows and Doors LL

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
27002	Sunset White Venetian Blind 45	Venetian	10	#							0.9672								

Trimlite

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
25000	White Venetian Blind Open (Trimlite)	Venetian	7	#							0.9857								
25001	White Venetian Blind Closed (Trimlite)	Venetian	7	#							0.7947								
25002	White Venetian Blind 45 (Trimlite)	Venetian	7	#							0.9797								

Twitchell

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
19000	ShadeView, Light Grey	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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

Twitchell

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}
19004	Textilene 90, Black	BSDF File	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
4000	Uniview Charcoal	BSDF File	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)	ϵ_f	ϵ_b	T _{ir}	Perm	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
20000	EnviroScreen 810/998, grey(dark)silver	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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

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}
20004	SilverScreen EB01,black/silver	BSDF File	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	BSDF File	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/silver	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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	BSDF File	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
20011	Silverscreen 205ED02	BSDF File	10	@	Verosol Silverscreen 205ED02- SE21.xml	0	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

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}
20012	Silverscreen 205EC01	BSDF File	10	@	Verosol Silverscreen 205EC01-SE22rev.xml	0	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	BSDF File	10	@	Verosol 205-EB03-SE23rev.xml	0	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	BSDF File	10	@	Verosol 205-ED01-SE24rev.xml	0	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	BSDF File	10	@	Verosol 205-ED04-SE25rev.xml	0	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	BSDF File	10	@	Verosol 205-ED03-SE26rev.xml	0	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	BSDF File	10	@	Verosol 205-EB04-SE27rev.xml	0	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	BSDF File	10	@	Verosol 205-EB02-SE28rev.xml	0	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	BSDF File	10	@	Verosol 202-ED01-SE29rev.xml	0	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

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}
20020	205-EC02	BSDF File	10	@	Verosol 205-EC02-SE31rev.xml	0	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	BSDF File	10	@	Verosol 205-EB01-SE32rev.xml	0	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	BSDF File	10	@	Verosol SWC M392-SE40rev.xml	0	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
20023	304 CC20	BSDF File	10	@	Verosol 304 CC20-SE41rev.xml	0	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	BSDF File	10	@	Verosol 805 000-SE42rev.xml	0	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	BSDF File	10	@	Verosol 805 711-SE43rev.xml	0	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	BSDF File	10	@	Verosol 805 765-SE44rev.xml	0	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	BSDF File	10	@	Verosol 802 765-SE45rev.xml	0	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

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}
20028	802 000	BSDF File	10	@	Verosol 802 000-SE46rev.xml	0	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	BSDF File	10	@	Verosol 802 711-SE47rev.xml	0	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	BSDF File	10	@	Verosol 802 829-SE48rev.xml	0	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	BSDF File	10	@	Verosol 802 936-SE49rev.xml	0	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	BSDF File	10	@	Verosol 802 998-SE50rev.xml	0	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	BSDF File	10	@	Verosol 805 998-SE51rev.xml	0	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	BSDF File	10	@	Verosol 805 936-SE52rev.xml	0	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
20035	805 829	BSDF File	10	@	Verosol 805 829-SE53rev.xml	0	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%	Fritted Glass	1								0									
5001	Simulated Sandblast (V-1086) 70%	Fritted Glass	1								0									

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	BSDF File	10	@	WBI1W.xml	0	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	BSDF File	10	@	WBI1W_5.xml	0	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	BSDF File	10	@	WBI1W_10.xml	0	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	BSDF File	10	@	WBI2W.xml	0	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	BSDF File	10	@	WBI3W.xml	0	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