

Complex Glazing Database: Version 6.1

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

Notes for 6.1:

Several products that were released in 6.0 have been re-released in 6.1 due to lack of data for solar transmittance and reflectance in the 6.0 XML files.

ID # 6011 was referencing the wrong XML file (2011-SA11.xml) but has now been changed to reference the correct XML file (2011-SA6.XML)

ID # 6009 was referencing the wrong XML file (2011-SA9.xml) but has now been changed to reference the correct XML file (2011-SA8.XML)

Alkenz - Sunshadow

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7005	3000 NET 5% N901 Charcoal/Charcoal (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N901 Charcoal- Charcoal-SE01.xml	0.8	0.3	0.848	0.848	0.0662	0.066	0.054	0.054	0.048	0.048	0.055	0.055	0.047	0.047
7006	4000 NET 5% N901 Charcoal/Charcoal (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 5 N901 Charcoal- Charcoal-SE02.xml	0.8	0.3	0.841	0.841	0.074	0.074	0.060	0.060	0.044	0.044	0.061	0.061	0.042	0.042
7007	3000 NET 5% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N001 White-White- SE03.xml	0.8	0.3	0.831	0.831	0.0877	0.088	0.197	0.197	0.780	0.780	0.249	0.249	0.68	0.68
7008	3000 NET 5% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 5 N001 White-White- SE04.xml	0.8	0.3	0.843	0.843	0.074	0.074	0.161	0.161	0.776	0.776	0.211	0.211	0.688	0.688
7009	3000 HT 5% HT01 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT01 White-White- SE05.xml	0.8	0.3	0.835	0.835	0.0811	0.081	0.204	0.204	0.761	0.761	0.254	0.254	0.671	0.671
7010	3000 HT 5% HT03 White/Light Gray (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT03 White-Light Gray-SE06rev.xml	0.8	0.3	0.864	0.808	0.0864	0.086	0.154	0.159	0.641	0.467	0.209	0.214	0.575	0.451
7011	3000 HT 5% HT09 White/Charcoal (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT09 White- Charcoal-SE07rev.xml	0.8	0.3	0.86	0.863	0.0574	0.057	0.078	0.085	0.511	0.153	0.084	0.094	0.427	0.126
7012	3000 NET 5% N901 Beige/Sable (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N901 Beige-Sable- SE08rev.xml	0.8	0.3	0.845	0.845	0.0741	0.074	0.126	0.126	0.451	0.451	0.199	0.199	0.454	0.454
7013	4000 NET 5% N901 Beige/Sable (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 5 N901 Beige-Sable- SE09.xml	0.8	0.3	0.834	0.834	0.081	0.081	0.107	0.107	0.446	0.446	0.169	0.169	0.448	0.448

Alkenz - Sunshadow

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7014	3000 CA 3% CA01 White/Floral White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 CA 3 CA01 White-Floral White-SE10.xml	0.8	0.3	0.851	0.851	0.0663	0.066	0.217	0.217	0.768	0.768	0.265	0.265	0.677	0.677
7015	3000 NET 1% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 1 N001 White-White-SE11.xml	0.8	0.3	0.895	0.895	0.0333	0.033	0.124	0.124	0.845	0.845	0.175	0.175	0.740	0.740
7016	3000 NET 3% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 3 N001 White-White-SE12.xml	0.8	0.3	0.839	0.839	0.0813	0.081	0.156	0.156	0.813	0.813	0.208	0.208	0.711	0.711
7017	3000 NET 5% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 5 N001 White-White-SE13.xml	0.8	0.3	0.864	0.864	0.0668	0.067	0.179	0.179	0.789	0.789	0.230	0.230	0.69	0.69
7018	3000 NET 10% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 NET 10 N001 White-White-SE14.xml	0.8	0.3	0.825	0.825	0.1111	0.111	0.218	0.218	0.759	0.759	0.268	0.268	0.661	0.661
7019	3000 HT 3% HT01 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 3 HT01 White-White-SE15.xml	0.8	0.3	0.93	0.93	0.0001	0.0001	0.175	0.175	0.766	0.766	0.224	0.224	0.677	0.677
7020	3000 HT 5% HT01 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 3000 HT 5 HT01 White-White-SE16.xml	0.8	0.3	0.880	0.880	0.0581	0.058	0.19	0.19	0.769	0.769	0.245	0.245	0.673	0.673
7021	VIEW R 15% R103 White/Gray (WS)	BSDF File	6.1	Alkenz-Sunshadow VIEW R 15 R103 White-Gray-SE17.xml	0.8	0.3	0.748	0.748	0.1995	0.2	0.232	0.232	0.511	0.511	0.262	0.262	0.455	0.455
7022	4700 P Q 1% P012 White/Beige/Beige (WS)	BSDF File	6.1	Alkenz-Sunshadow 4700 P Q 1 P012 White-Beige-Beige-SE18.xml	0.8	0.3	0.917	0.917	0.0001	0.0001	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 (WS)	BSDF File	6.1	Alkenz-Sunshadow 4700 P Q 1 Q001 White-Cream-Alabaster Beige-SE19rev.xml	0.8	0.3	0.813	0.813	0.0931	0.093	0.124	0.131	0.769	0.729	0.171	0.178	0.681	0.657
7024	4000 NET 3% N001 White/White (WS)	BSDF File	6.1	Alkenz-Sunshadow 4000 NET 3 N001 White-White-SE20.xml	0.8	0.3	0.833	0.833	0.0655	0.066	0.151	0.151	0.78	0.78	0.199	0.199	0.693	0.693

Alkenz USA Inc

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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Alkenz USA Inc

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7000	Sunshadow 3000, N901 Charcoal (WS)	BSDF File	2	2011-SA31.XML	1	0.15	0.847	0.847	0.0661	0.066	0.052	0.052	0.043	0.043	0.052	0.052	0.041	0.041
7001	Sunshadow 3100, N002 white/bone (WS)	BSDF File	2	2011-SA30.XML	1	0.15	0.785	0.785	0.128	0.128	0.228	0.228	0.605	0.605	0.292	0.292	0.541	0.541
7002	Sunshadow 4000, N902 Charcoal/Bronze (WS)	BSDF File	2	2011-SA27.XML	1	0.15	0.815	0.815	0.0933	0.093	0.073	0.073	0.062	0.062	0.079	0.079	0.072	0.072
7003	Sunshadow 4100, N301 Grey (WS)	BSDF File	2	2011-SA28.XML	1	0.15	0.785	0.785	0.1186	0.119	0.08	0.08	0.314	0.314	0.108	0.108	0.305	0.305
7004	Sunshadow CA, CA02 White Moccasin (WS)	BSDF File	2	2011-SA29.XML	1	0.15	0.817	0.817	0.087	0.087	0.208	0.208	0.666	0.666	0.255	0.255	0.609	0.609

Comfortex

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
8000	E5035 White (WS)	BSDF File	2	2011-SA32.XML	1	0.15	0.551	0.551	0.2796	0.28	0.679	0.679	0.518	0.518	0.693	0.693	0.297	0.297
8001	PSB38 White (WS)	BSDF File	2	2011-SA33.XML	1	0.15	0.662	0.662	0.1695	0.17	0.629	0.629	0.369	0.369	0.637	0.637	0.356	0.356
8002	MT78097718I White (WS)	BSDF File	2	2011-SA34.XML	1	0.15	0.845	0.845	0.0003	0.0003	6E-06	6E-06	0.800	0.800	0.00020	0.0002	0.676	0.676
8003	E5070 White (WS)	BSDF File	2	2011-SA35.XML	1	0.15	0.708	0.708	0.1261	0.126	0.466	0.466	0.531	0.531	0.482	0.482	0.501	0.501
8004	E5035DK WhiteX (WS)	BSDF File	2	2011-SA36.XML	1	0.15	0.807	0.807	0.0451	0.045	6E-06	6E-06	0.801	0.801	0.00030	0.0003	0.641	0.641

Dickson - Glen Raven

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10020	SWN-M005 (WS)	BSDF File	6.1	Dickson-Glen Raven SWN-M005-SE33.xml	0.8	0.3	0.733	0.733	0.1944	0.194	0.291	0.291	0.671	0.671	0.311	0.311	0.602	0.602
10021	SWN-M652 (WS)	BSDF File	6.1	Dickson-Glen Raven SWN-M652-SE34.xml	0.8	0.3	0.731	0.731	0.1974	0.197	0.155	0.155	0.242	0.242	0.17	0.17	0.231	0.231
10022	SWK M005 (WS)	BSDF File	6.1	Dickson-Glen Raven SWK-M005-SE35.xml	0.8	0.3	0.819	0.819	0.0804	0.080	0.263	0.263	0.722	0.722	0.291	0.291	0.647	0.647

Dickson - Glen Raven

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10023	SWK M391 (WS)	BSDF File	6.1	Dickson-Glen Raven SWK-M391-SE36.xml	0.8	0.3	0.743	0.743	0.1647	0.165	0.067	0.067	0.128	0.128	0.068	0.068	0.054	0.054
10024	SWK M654 (WS)	BSDF File	6.1	Dickson-Glen Raven SWK-M654-SE37.xml	0.8	0.3	0.803	0.803	0.1042	0.104	0.155	0.155	0.502	0.502	0.189	0.189	0.459	0.459
10025	SWC M005 (WS)	BSDF File	6.1	Dickson-Glen Raven SWC-M005-SE38.xml	0.8	0.3	0.856	0.83	0.044	0.044	0.279	0.279	0.694	0.694	0.299	0.299	0.629	0.629
10026	SWC M392 (WS)	BSDF File	6.1	Dickson-Glen Raven SWC-M392-SE39.xml	0.8	0.3	0.888	0.838	0.0232	0.023	0.056	0.055	0.244	0.244	0.056	0.055	0.068	0.081
10027	SWC M654 (WS)	BSDF File	6.1	Dickson-Glen Raven SWC-M654-SE54.xml	0.8	0.3	0.853	0.848	0.0464	0.046	0.149	0.188	0.495	0.48	0.179	0.217	0.465	0.453
10028	SWN M654 (WS)	BSDF File	6.1	Dickson-Glen Raven SWN-M654-SE55.xml	0.8	0.3	0.722	0.718	0.2021	0.202	0.200	0.206	0.459	0.447	0.221	0.226	0.417	0.405

Ferrari Textiles Corporation

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9000	Preconstraint 502, 8861 - Vanilla (WS)	BSDF File	2	2011-SA41.XML	1	0.15	0.894	0.894	0.0002	0.0002	0.03	0.03	3.186	3.186	0.09	0.09	0.644	0.644
9001	Soltis 86, 2002 - Sand (WS)	BSDF File	2	2011-SA40.XML	1	0.15	0.716	0.716	0.2078	0.208	0.208	0.208	0.463	0.463	0.255	0.255	0.476	0.476
9002	Soltis 92, 2002 - Sand (WS)	BSDF File	2	2011-SA39.XML	1	0.15	0.801	0.801	0.1147	0.115	0.130	0.130	0.536	0.536	0.185	0.185	0.543	0.543
9003	Soltis 93, 3002 - Sand (WS)	BSDF File	2	2011-SA38.XML	1	0.15	0.837	0.837	0.0739	0.074	0.1	0.1	0.546	0.546	0.157	0.157	0.561	0.561
9004	Soltis B92N, 1043 - Bronze (WS)	BSDF File	2	2011-SA37.XML	1	0.15	0.828	0.828	0.0001	0.0001	2E-05	2E-05	0.293	0.293	0	0	0.132	0.132

Flexo Solutions

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13000	Flexo Solutions Basil 4008 SC64 - 3 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_3_genBSDF.xml	0.04	0.172	0.960	0.944	6E-06	0	0	0	0.045	0.200	0	0	0.055	0.205
13001	Flexo Solutions Basil 4008 SC64 - 10 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_10_genBSDF.xml	0.04	0.181	0.941	0.916	1E-05	0	0	0	0.137	0.523	0	0	0.160	0.529

Flexo Solutions

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13002	Flexo Solutions Basil 4008 SC64 - 17 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_17_genBSDF.xml	0.04	0.248	0.919	0.885	1E-05	0	0	0	0.215	0.678	0	0	0.249	0.683
13003	Flexo Solutions Basil 4008 SC64 - 24 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_24_genBSDF.xml	0.03	0.217	0.895	0.853	1E-05	0	0	0	0.28	0.749	0	0	0.32	0.755
13004	Flexo Solutions Basil 4008 SC64 - 31 mm cell height	BSDF File	6	Flexo Solutions Basil 4008 SC64_31_genBSDF.xml	0.02	0.130	0.871	0.821	1E-05	0	0	0	0.336	0.812	0	0	0.381	0.816
13005	Flexo Solutions Black 4020 SC65 - 3 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_3_genBSDF.xml	0.04	0.143	0.972	0.958	6E-06	0	0	0	0.009	0.147	0	0	0.011	0.144
13006	Flexo Solutions Black 4020 SC65 - 9 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_9_genBSDF.xml	0.04	0.148	0.96	0.939	3E-05	0	0	0	0.028	0.382	0	0	0.035	0.377
13007	Flexo Solutions Black 4020 SC65 - 15 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_15_genBSDF.xml	0.03	0.194	0.945	0.917	6E-06	0	0	0	0.045	0.533	0	0	0.054	0.526
13008	Flexo Solutions Black 4020 SC65 - 21 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_21_genBSDF.xml	0.03	0.172	0.929	0.893	1E-05	0	0	0	0.061	0.627	0	0	0.072	0.618
13009	Flexo Solutions Black 4020 SC65 - 27 mm cell height	BSDF File	5	Flexo Solutions Black 4020 SC65_27_genBSDF.xml	0.02	0.126	0.912	0.869	1E-05	0	0	0	0.078	0.687	0	0	0.094	0.679
13015	Flexo Solutions Light Mocha 4007 SC62 - 3 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_3_genBSDF.xml	0.03	0.146	0.956	0.94	6E-06	0	0	0	0.069	0.194	0	0	0.087	0.2
13016	Flexo Solutions Light Mocha 4007 SC62 - 8 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_8_genBSDF.xml	0.03	0.149	0.938	0.915	2E-05	0	0	0	0.166	0.439	0	0	0.203	0.447
13017	Flexo Solutions Light Mocha 4007 SC62 - 14 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_14_genBSDF.xml	0.03	0.187	0.913	0.882	6E-06	0	0	0	0.264	0.620	0	0	0.317	0.630

Flexo Solutions

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13018	Flexo Solutions Light Mocha 4007 SC62 - 20 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_20_genBSDF.xml	0.03	0.153	0.887	0.848	1E-05	0	0	0	0.342	0.714	0	0	0.405	0.723
13019	Flexo Solutions Light Mocha 4007 SC62 - 25 mm cell height	BSDF File	5	Flexo Solutions Light Mocha 4007 SC62_25_genBSDF.xml	0.02	0.114	0.864	0.82	6E-06	0	0	0	0.396	0.761	0	0	0.462	0.769
13020	Flexo Solutions Seaside Blue 4010 SC54 - 3 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_3_genBSDF.xml	0.03	0.135	0.950	0.932	3E-05	0	0.004	0.003	0.058	0.173	0.004	0.003	0.082	0.168
13021	Flexo Solutions Seaside Blue 4010 SC54 - 8 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_8_genBSDF.xml	0.03	0.138	0.93	0.906	0.0006	0	0.028	0.026	0.132	0.368	0.032	0.031	0.182	0.360
13022	Flexo Solutions Seaside Blue 4010 SC54 - 14 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_14_genBSDF.xml	0.03	0.174	0.902	0.872	0.0030	0	0.076	0.074	0.198	0.483	0.088	0.087	0.264	0.475
13023	Flexo Solutions Seaside Blue 4010 SC54 - 20 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_20_genBSDF.xml	0.03	0.136	0.872	0.837	0.0068	0	0.117	0.117	0.249	0.538	0.136	0.136	0.323	0.534
13024	Flexo Solutions Seaside Blue 4010 SC54 - 25 mm cell height	BSDF File	5	Flexo Solutions Seaside Blue 4010 SC54_25_genBSDF.xml	0.02	0.100	0.846	0.808	0.0101	0	0.143	0.144	0.285	0.564	0.165	0.165	0.362	0.564
13025	Flexo Solutions Toffee 4005 SC56 - 3 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_3_genBSDF.xml	0.04	0.150	0.952	0.939	2E-05	0	0.048	0.083	0.054	0.035	0.006	0.003	0.073	0.176
13026	Flexo Solutions Toffee 4005 SC56 - 10 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_10_genBSDF.xml	0.04	0.159	0.928	0.908	0.0006	0	0.15	0.201	0.145	0.105	0.047	0.041	0.194	0.441

Flexo Solutions

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13027	Flexo Solutions Toffee 4005 SC56 - 16 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_16_genBSDF.xml	0.03	0.212	0.904	0.879	0.0021	0	0.22	0.27	0.192	0.150	0.099	0.095	0.263	0.542
13028	Flexo Solutions Toffee 4005 SC56 - 22 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_22_genBSDF.xml	0.03	0.187	0.879	0.848	0.0043	0	0.275	0.322	0.219	0.182	0.142	0.141	0.317	0.591
13029	Flexo Solutions Toffee 4005 SC56 - 29 mm cell height	BSDF File	5	Flexo Solutions Toffee 4005 SC56_29_genBSDF.xml	0.02	0.112	0.849	0.812	0.0072	0	0.327	0.37	0.238	0.204	0.176	0.175	0.367	0.622
13030	Flexo Solutions True Camel 4006 SC63 - 3 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_3_genBSDF.xml	0.04	0.158	0.960	0.945	6E-06	0	0	0	0.066	0.181	0	0	0.092	0.184
13031	Flexo Solutions True Camel 4006 SC63 - 9 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_9_genBSDF.xml	0.04	0.163	0.942	0.919	3E-05	0	0	0	0.179	0.464	0	0	0.244	0.469
13032	Flexo Solutions True Camel 4006 SC63 - 15 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_15_genBSDF.xml	0.03	0.21	0.921	0.890	6E-06	0	0	0	0.273	0.625	0	0	0.359	0.632
13033	Flexo Solutions True Camel 4006 SC63 - 21 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_21_genBSDF.xml	0.03	0.187	0.898	0.860	1E-05	0	0	0	0.347	0.711	0	0	0.443	0.718
13034	Flexo Solutions True Camel 4006 SC63 - 27 mm cell height	BSDF File	5	Flexo Solutions True Camel 4006 SC63_27_genBSDF.xml	0.02	0.121	0.875	0.830	1E-05	0	0	0	0.408	0.766	0	0	0.509	0.771
13035	Flexo Solutions True Camel 4021 SC61 - 4 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_4_genBSDF.xml	0.04	0.156	0.964	0.959	6E-06	0	0	0	0.063	0.191	0	0	0.092	0.194

Flexo Solutions

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
13036	Flexo Solutions True Camel 4021 SC61 - 11 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_11_genBSDF.xml	0.04	0.169	0.947	0.941	0.0002	0	0	0	0.157	0.443	0	0	0.221	0.450
13037	Flexo Solutions True Camel 4021 SC61 - 18 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_18_genBSDF.xml	0.04	0.242	0.929	0.921	0.0008	0	0	0	0.237	0.600	0	0	0.321	0.608
13038	Flexo Solutions True Camel 4021 SC61 - 25 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_25_genBSDF.xml	0.03	0.211	0.909	0.899	0.0017	0	0	0	0.304	0.69	0	0	0.402	0.697
13039	Flexo Solutions True Camel 4021 SC61 - 32 mm cell height	BSDF File	5	Flexo Solutions True Camel 4021 SC61_32_genBSDF.xml	0.02	0.145	0.888	0.876	0.0028	0	0	0	0.361	0.744	0	0	0.466	0.75

Generic

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1	Venetian A0	Venetian	2															
2	Venetian A45	Venetian	2															
3	Venetian A90	Venetian	2															
4	Venetian B0	Venetian	2															
5	Venetian B45	Venetian	2															
6	Venetian B90	Venetian	2															
7	Venetian C0	Venetian	2															
8	Venetian C45	Venetian	2															
9	Venetian C80	Venetian	2															
10	Venetian C90	Venetian	2															
11	Venetian D0	Venetian	2															
12	Venetian D45	Venetian	2															
13	Venetian D90	Venetian	2															
16	WINDAT Shade with Spectral Data	Venetian	2															

Generic

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	εf	εb	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
19	Generic Woven Shade	Woven Shade	2															
20	Off White Blind 24 mm slat at 45 degrees	Venetian	2															
21	Dark Blue Blind 24 mm slat at 45 degrees	Venetian	2															
23	Woven shade - 30% refl. gray, 3% openness	Woven Shade	2															
24	Woven shade - 30% refl. gray, 10% openness	Woven Shade	2															
28	Perforated screen - circular	Perforated Screen	2															
29	1" horizontal VB (white) - 45 deg	Venetian	2															
30	3" horizontal VB (white) - 45 deg	Venetian	2															
32	0.4" inbetween VB (white) - 45 deg	Venetian	2															
50	Cellular Shade -- Opaque -- Dark	BSDF File	2	privacyDark_GenBSDF.xml	0.04	0.193	0.903	0.903	0.003	0	0.001	0.001	0.074	0.074	0.035	0.035	0.306	0.307
51	Cellular Shade -- Opaque -- Medium	BSDF File	2	PrivacyMedium_GenBSDF.xml	0.04	0.184	0.879	0.879	0.0168	0	0.089	0.088	0.32	0.320	0.127	0.127	0.334	0.334
52	Cellular Shade -- Opaque -- Light	BSDF File	2	PrivacyLight_GenBSDF.xml	0.04	0.196	0.907	0.907	0.002	0	0.001	0.001	0.201	0.201	0.039	0.039	0.371	0.372
53	Cellular Shade -- Sheer -- Dark	BSDF File	2	SeethroughDark_GenBSDF.xml	0.03	0.143	0.776	0.776	0.1205	0	0.258	0.258	0.021	0.021	0.425	0.424	0.102	0.102
54	Cellular Shade -- Sheer -- Medium	BSDF File	2	SeethroughMedium_GenBSDF.xml	0.03	0.167	0.896	0.896	0.0353	0	0.099	0.099	0.101	0.101	0.111	0.111	0.116	0.116
55	Cellular Shade -- Sheer -- Light	BSDF File	2	SeethroughLight_GenBSDF.xml	0.03	0.141	0.757	0.757	0.1329	0	0.625	0.625	0.245	0.246	0.643	0.644	0.231	0.230

Generic

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
56	Cellular Shade -- Opaque -- White Outside -- Dark Inside	BSDF File	2	privacyWhiteFront_Dark_ GenBSDF.xml	0.04	0.195	0.907	0.904	0.0024	0	0.001	0.001	0.200	0.074	0.037	0.037	0.368	0.308
57	Cellular Shade -- Opaque -- White Outside -- Medium Inside	BSDF File	2	privacyWhiteFront_Mediu m_GenBSDF.xml	0.04	0.184	0.903	0.891	0.0058	0	0.01	0.009	0.201	0.314	0.069	0.069	0.369	0.341

Glen Raven

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10001	Firesist, Sand 82006 (WS)	BSDF File	2	2011-SA55.XML	1	0.15	0.835	0.835	0.0459	0.046	0.024	0.024	0.29	0.29	0.054	0.054	0.327	0.327
10002	Firesist, Black 82008 (WS)	BSDF File	2	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 (WS)	BSDF File	2	2011-SA45.XML	1	0.15	0.835	0.835	0.0565	0.057	2E-05	2E-05	0.022	0.022	9E-06	9E-06	0.021	0.021
10004	Sunbrella awning, Taupe 4648 (WS)	BSDF File	2	2011-SA46.XML	1	0.15	0.764	0.764	0.0438	0.044	0.0009	0.0009	0.149	0.149	0.005	0.005	0.19	0.19
10005	Sunbrella awning, Heather Beige 4672 (WS)	BSDF File	2	2011-SA47.XML	1	0.15	0.805	0.805	0.0002	0.0002	0.008	0.008	0.245	0.245	0.034	0.034	0.323	0.323
10006	Sunbrella awning, Brass 4658 (WS)	BSDF File	2	2011-SA48.XML	1	0.15	0.76	0.76	0.0626	0.063	0.011	0.011	0.239	0.239	0.038	0.038	0.305	0.305
10007	Sunbrella awning, Oyster 4642 (WS)	BSDF File	2	2011-SA49.XML	1	0.15	0.771	0.771	0.0441	0.044	0.137	0.137	0.562	0.562	0.18	0.18	0.608	0.608
10008	Sunbrella awning, Natural 4604 (WS)	BSDF File	2	2011-SA50.XML	1	0.15	0.79	0.79	6E-05	6E-05	0.207	0.207	0.684	0.684	0.21	0.21	0.676	0.676
10009	Sunbrella awning, Linen 4633 (WS)	BSDF File	2	2011-SA51.XML	1	0.15	0.781	0.781	0.0311	0.031	0.033	0.033	0.371	0.371	0.125	0.125	0.52	0.52
10010	Sunbrella awning, Cadet Gray 4630 (WS)	BSDF File	2	2011-SA52.XML	1	0.15	0.761	0.761	0.0437	0.044	0.011	0.011	0.277	0.277	0.118	0.118	0.479	0.479
10011	Sunbrella awning, Green 4637 (WS)	BSDF File	2	2011-SA53.XML	1	0.15	0.837	0.837	0.0002	0.0002	7E-06	7E-06	0.042	0.042	0.0003	0.0003	0.074	0.074

Glen Raven

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
10012	Sunbrella awning, Dubonnet Tweed 4606 (WS)	BSDF File	2	2011-SA54.XML	1	0.15	0.861	0.861	0.0009	0.0009	0.0002	0.0002	0.044	0.044	0.011	0.011	0.124	0.124
10013	Sunbrella shade, Black 4608 (WS)	BSDF File	2	2011-SA57.XML	1	0.15	0.835	0.835	0.0565	0.057	6E-06	6E-06	0.024	0.024	2E-05	2E-05	0.024	0.024
10014	Sunbrella shade, Ebony 318 (WS)	BSDF File	2	2011-SA58.XML	1	0.15	0.802	0.802	0.0643	0.064	0.041	0.041	0.062	0.062	0.046	0.046	0.075	0.075
10015	Sunbrella shade, Eggshell 173 (WS)	BSDF File	2	2011-SA56.XML	1	0.15	0.704	0.704	0.0867	0.087	0.284	0.284	0.559	0.559	0.301	0.301	0.569	0.569
10016	Sunvision Ecru	BSDF File	4	2014-SC39.XML	0.7	0.15	0.669	0.669	0.1831	0.183	0.345	0.345	0.590	0.590	0.364	0.364	0.559	0.559
10017	Sunvision Ardoise	BSDF File	4	2014-SC40.XML	0.7	0.15	0.685	0.685	0.1655	0.165	0.144	0.144	0.079	0.079	0.155	0.155	0.097	0.097
10018	Sunvision Perle	BSDF File	4	2014-SC41.XML	0.7	0.15	0.657	0.657	0.1817	0.182	0.189	0.189	0.243	0.243	0.222	0.222	0.255	0.255

Goodearl and Bailey

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
3500	Dickson Orchestra #0681 Dune (WS)	BSDF File	6.1	Goodearl and Bailey-Dickson Orchestra 0681 Dune-oz03.xml	1.001	0.14	0.755	0.755	0.0436	0.044	0.069	0.069	0.398	0.398	0.126	0.126	0.474	0.474

Helioscreen

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
7500	Platinum Charcoal (WS)	BSDF File	6.1	Helioscreen-Platinum Charcoal-oz02.xml	1.001	0.14	0.538	0.884	0.0493	0.049	0.038	0.038	0.354	0.354	0.113	0.105	0.413	0.283
7501	Platinum Iron (WS)	BSDF File	6.1	Helioscreen-Platinum Iron-oz01.xml	1.001	0.14	0.630	0.923	0.0004	0.0004	0.110	0.106	0.431	0.431	0.14	0.132	0.451	0.396

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14000	Duette C20-951 (SA62) - 3 mm cell height	BSDF File	5	Duette C20-951 SA62_3_genBSDF.xml	0.04	0.120	0.937	0.937	2E-05	0.05	6E-05	7E-05	0.112	0.104	7E-05	6E-05	0.099	0.093
14001	Duette C20-951 (SA62) - 10 mm cell height	BSDF File	5	Duette C20-951 SA62_10_genBSDF.xml	0.04	0.144	0.911	0.911	0.0006	0.05	0.003	0.003	0.293	0.29	0.003	0.003	0.261	0.259

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14002	Duette C20-951 (SA62) - 16 mm cell height	BSDF File	5	Duette C20-951 SA62_16_genBSDF.xml	0.04	0.158	0.885	0.885	0.0023	0.05	0.010	0.011	0.409	0.407	0.011	0.011	0.367	0.366
14003	Duette C20-951 (SA62) - 22 mm cell height	BSDF File	5	Duette C20-951 SA62_22_genBSDF.xml	0.04	0.14	0.858	0.858	0.0049	0.05	0.020	0.020	0.497	0.496	0.022	0.022	0.449	0.448
14004	Duette C20-951 (SA62) - 29 mm cell height	BSDF File	5	Duette C20-951 SA62_29_genBSDF.xml	0.03	0.099	0.826	0.826	0.0086	0.05	0.031	0.031	0.570	0.570	0.034	0.034	0.52	0.520
14005	Duette C22-951 (SA61) - 3 mm cell height	BSDF File	5	Duette C22-951 SA61_3_genBSDF.xml	0.04	0.123	0.92	0.92	2E-05	0.05	7E-05	7E-05	0.104	0.097	7E-05	8E-05	0.096	0.090
14006	Duette C22-951 (SA61) - 10 mm cell height	BSDF File	5	Duette C22-951 SA61_10_genBSDF.xml	0.04	0.149	0.886	0.886	0.0008	0.05	0.003	0.003	0.276	0.273	0.004	0.004	0.255	0.253
14007	Duette C22-951 (SA61) - 17 mm cell height	BSDF File	5	Duette C22-951 SA61_17_genBSDF.xml	0.04	0.169	0.848	0.848	0.0033	0.05	0.013	0.013	0.403	0.403	0.014	0.014	0.375	0.373
14008	Duette C22-951 (SA61) - 24 mm cell height	BSDF File	5	Duette C22-951 SA61_24_genBSDF.xml	0.03	0.133	0.81	0.81	0.0070	0.05	0.026	0.026	0.498	0.498	0.027	0.026	0.465	0.464
14009	Duette C22-951 (SA61) - 30 mm cell height	BSDF File	5	Duette C22-951 SA61_30_genBSDF.xml	0.03	0.102	0.777	0.777	0.0103	0.05	0.036	0.036	0.559	0.558	0.037	0.037	0.524	0.523
14010	Duette C22-951 (SA89) - 3 mm cell height	BSDF File	5	Duette C22-951 SA89_3_genBSDF.xml	0.05	0.147	0.968	0.968	6E-06	0.05	0	1E-06	0.008	0.008	2E-05	7E-06	0.045	0.042
14011	Duette C22-951 (SA89) - 10 mm cell height	BSDF File	5	Duette C22-951 SA89_10_genBSDF.xml	0.05	0.152	0.954	0.954	1E-05	0.05	1E-05	1E-05	0.027	0.027	0.0006	0.0006	0.133	0.132
14012	Duette C22-951 (SA89) - 16 mm cell height	BSDF File	5	Duette C22-951 SA89_16_genBSDF.xml	0.04	0.18	0.940	0.940	1E-05	0.05	5E-05	5E-05	0.043	0.043	0.002	0.002	0.198	0.198
14013	Duette C22-951 (SA89) - 22 mm cell height	BSDF File	5	Duette C22-951 SA89_22_genBSDF.xml	0.04	0.161	0.926	0.926	1E-05	0.05	0.0001	0.0001	0.058	0.058	0.004	0.004	0.255	0.255

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14014	Duette C22-951 (SA89) - 29 mm cell height	BSDF File	5	Duette C22-951 SA89_29_genBSDF.xml	0.03	0.105	0.908	0.907	1E-05	0.05	0.0002	0.0002	0.075	0.075	0.007	0.007	0.312	0.312
14015	Duette C22-989 (SA91) - 3 mm cell height	BSDF File	5	Duette C22-989 SA91_3_genBSDF.xml	0.05	0.146	0.954	0.954	2E-05	0.05	3E-05	3E-05	0.065	0.059	3E-05	4E-05	0.071	0.065
14016	Duette C22-989 (SA91) - 10 mm cell height	BSDF File	5	Duette C22-989 SA91_10_genBSDF.xml	0.04	0.151	0.935	0.935	0.0009	0.05	0.002	0.002	0.181	0.172	0.002	0.002	0.194	0.185
14017	Duette C22-989 (SA91) - 16 mm cell height	BSDF File	5	Duette C22-989 SA91_16_genBSDF.xml	0.04	0.179	0.917	0.917	0.0038	0.05	0.006	0.006	0.261	0.252	0.008	0.008	0.278	0.269
14018	Duette C22-989 (SA91) - 22 mm cell height	BSDF File	5	Duette C22-989 SA91_22_genBSDF.xml	0.04	0.16	0.897	0.897	0.0086	0.05	0.012	0.012	0.328	0.317	0.015	0.015	0.348	0.337
14019	Duette C22-989 (SA91) - 29 mm cell height	BSDF File	5	Duette C22-989 SA91_29_genBSDF.xml	0.03	0.106	0.872	0.872	0.0157	0.05	0.019	0.019	0.393	0.381	0.025	0.024	0.414	0.401
14020	Duette C50-916 (SA98) - 3 mm cell height	BSDF File	5	Duette C50-916 SA98_3_genBSDF.xml	0.05	0.146	0.958	0.958	2E-05	0.05	2E-05	1E-05	0.043	0.041	3E-05	4E-05	0.046	0.043
14021	Duette C50-916 (SA98) - 10 mm cell height	BSDF File	5	Duette C50-916 SA98_10_genBSDF.xml	0.04	0.152	0.940	0.940	0.0009	0.05	0.0005	0.0005	0.119	0.121	0.001	0.001	0.123	0.125
14022	Duette C50-916 (SA98) - 16 mm cell height	BSDF File	5	Duette C50-916 SA98_16_genBSDF.xml	0.04	0.179	0.924	0.924	0.0038	0.05	0.002	0.002	0.176	0.18	0.004	0.004	0.179	0.184
14023	Duette C50-916 (SA98) - 23 mm cell height	BSDF File	5	Duette C50-916 SA98_23_genBSDF.xml	0.04	0.146	0.902	0.902	0.0097	0.05	0.004	0.004	0.234	0.24	0.009	0.009	0.235	0.241
14024	Duette C50-916 (SA98) - 29 mm cell height	BSDF File	5	Duette C50-916 SA98_29_genBSDF.xml	0.03	0.108	0.883	0.883	0.0162	0.05	0.006	0.005	0.277	0.283	0.013	0.013	0.277	0.284
14025	Duette C50-951 (SA63) - 3 mm cell height	BSDF File	5	Duette C50-951 SA63_3_genBSDF.xml	0.04	0.145	0.949	0.949	3E-05	0.05	9E-05	7E-05	0.107	0.100	0.0001	1E-04	0.095	0.089

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14026	Duette C50-951 (SA63) - 10 mm cell height	BSDF File	5	Duette C50-951 SA63_10_genBSDF.xml	0.04	0.151	0.927	0.927	0.0015	0.05	0.004	0.004	0.283	0.28	0.004	0.005	0.249	0.247
14027	Duette C50-951 (SA63) - 17 mm cell height	BSDF File	5	Duette C50-951 SA63_17_genBSDF.xml	0.04	0.183	0.902	0.902	0.0067	0.05	0.014	0.014	0.416	0.415	0.017	0.017	0.370	0.369
14028	Duette C50-951 (SA63) - 23 mm cell height	BSDF File	5	Duette C50-951 SA63_23_genBSDF.xml	0.03	0.159	0.879	0.879	0.0138	0	0.025	0.026	0.500	0.5	0.030	0.03	0.448	0.449
14029	Duette C50-951 (SA63) - 30 mm cell height	BSDF File	5	Duette C50-951 SA63_30_genBSDF.xml	0.03	0.099	0.851	0.851	0.0236	0.05	0.037	0.038	0.573	0.572	0.045	0.044	0.519	0.52
14030	Duette C50-955 (SA97) - 3 mm cell height	BSDF File	5	Duette C50-955 SA97_3_genBSDF.xml	0.05	0.146	0.953	0.953	2E-05	0.05	4E-05	3E-05	0.077	0.073	5E-05	4E-05	0.076	0.071
14031	Duette C50-955 (SA97) - 10 mm cell height	BSDF File	5	Duette C50-955 SA97_10_genBSDF.xml	0.04	0.152	0.934	0.934	0.001	0.05	0.002	0.002	0.212	0.21	0.002	0.003	0.204	0.202
14032	Duette C50-955 (SA97) - 16 mm cell height	BSDF File	5	Duette C50-955 SA97_16_genBSDF.xml	0.04	0.179	0.916	0.916	0.0039	0.05	0.007	0.007	0.303	0.302	0.009	0.009	0.292	0.290
14033	Duette C50-955 (SA97) - 23 mm cell height	BSDF File	5	Duette C50-955 SA97_23_genBSDF.xml	0.04	0.146	0.892	0.892	0.0098	0.05	0.014	0.014	0.389	0.389	0.019	0.019	0.372	0.373
14034	Duette C50-955 (SA97) - 29 mm cell height	BSDF File	5	Duette C50-955 SA97_29_genBSDF.xml	0.03	0.108	0.871	0.871	0.0162	0.05	0.021	0.021	0.447	0.447	0.028	0.029	0.43	0.429
14035	Duette C50-916931 (SA95) - 3 mm cell height	BSDF File	5	Duette C50-916931 SA95_3_genBSDF.xml	0.05	0.146	0.957	0.957	2E-05	0.05	2E-05	2E-05	0.053	0.049	4E-05	5E-05	0.059	0.055
14036	Duette C50-916931 (SA95) - 10 mm cell height	BSDF File	5	Duette C50-916931 SA95_10_genBSDF.xml	0.05	0.151	0.940	0.940	0.0006	0.05	0.001	0.001	0.150	0.149	0.002	0.002	0.165	0.162
14037	Duette C50-916931 (SA95) - 16 mm cell height	BSDF File	5	Duette C50-916931 SA95_16_genBSDF.xml	0.04	0.177	0.923	0.923	0.0026	0.05	0.005	0.005	0.22	0.219	0.007	0.007	0.236	0.235

Hunter Douglas

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
14038	Duette C50-916931 (SA95) - 22 mm cell height	BSDF File	5	Duette C50-916931 SA95_22_genBSDF.xml	0.04	0.16	0.905	0.905	0.006	0.05	0.010	0.010	0.279	0.279	0.015	0.015	0.298	0.297
14039	Duette C50-916931 (SA95) - 29 mm cell height	BSDF File	5	Duette C50-916931 SA95_29_genBSDF.xml	0.03	0.108	0.883	0.883	0.0111	0.05	0.017	0.017	0.338	0.338	0.024	0.025	0.357	0.358
14040	Duette G2-862 (SA64) - 3 mm cell height	BSDF File	5	Duette G2-862 SA64_3_genBSDF.xml	0.04	0.145	0.949	0.949	3E-05	0.05	8E-05	9E-05	0.107	0.100	9E-050.0001	0.094	0.089	
14041	Duette G2-862 (SA64) - 10 mm cell height	BSDF File	5	Duette G2-862 SA64_10_genBSDF.xml	0.04	0.151	0.927	0.927	0.0015	0.05	0.004	0.004	0.283	0.28	0.005	0.005	0.25	0.247
14042	Duette G2-862 (SA64) - 17 mm cell height	BSDF File	5	Duette G2-862 SA64_17_genBSDF.xml	0.04	0.183	0.902	0.902	0.0067	0.05	0.014	0.014	0.415	0.415	0.017	0.017	0.37	0.369
14043	Duette G2-862 (SA64) - 23 mm cell height	BSDF File	5	Duette G2-862 SA64_23_genBSDF.xml	0.03	0.150	0.879	0.879	0.0138	0.05	0.025	0.025	0.501	0.5	0.030	0.03	0.449	0.449
14044	Duette G2-862 (SA64) - 30 mm cell height	BSDF File	5	Duette G2-862 SA64_30_genBSDF.xml	0.03	0.099	0.851	0.851	0.0236	0.05	0.037	0.037	0.573	0.573	0.044	0.045	0.519	0.519
14050	ECOVUEW(R) Plus Midnight Storm	BSDF File	6.1	Hunter Douglas-ECOVUEW Plus Midnight Storm-oz27.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.076	0.076	0.092	0.092	0.08	0.08	0.099	0.099
14051	NOVASCREEN Granite	BSDF File	6.1	Hunter Douglas-NOVASCREEN Granite-oz26.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.078	0.077	0.367	0.367	0.080	0.08	0.323	0.131

Inflector Windows Insulators

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
12000	In'Flector Radiant Barrier Window Insulator	BSDF File	2	2011-SA99.XML	1	0.15	0.706	0.592	0.1664	0.166	0.253	0.253	2.287	2.287	0.254	0.254	0.061	0.061
12001	Solar Selective Window Insulator	BSDF File	2															

Intigral

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24000	Alabaster Venetian Blind Open (Intigral)	Venetian	6															
24001	Alabaster Venetian Blind Closed (Intigral)	Venetian	6															
24002	Alabaster Venetian Blind 45 (Intigral)	Venetian	6															
24003	White Satin Venetian Blind Open (Intigral)	Venetian	6															
24004	White Satin Venetian Blind Closed (Intigral)	Venetian	6															
24005	White Satin Venetian Blind 45 (Intigral)	Venetian	6															

Levolor

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
11000	Origami	BSDF File	4	2014-SC42.XML	0.8	0.15	0.690	0.690	0.1018	0.102	0.033	0.033	0.305	0.305	0.102	0.102	0.427	0.427

Living Shade

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
2000	Twilight 279-A10 Light Grey (WS)	BSDF File	6.1	Living Shade-Twilight 279-A10 Light Grey-oz12.xml	1.001	0.14	0.430	0.818	0.0821	0.082	0.166	0.170	0.493	0.493	0.164	0.167	0.507	0.378

MechoShade

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
15000	EuroTwill Reversible Twill Weave Shadecloth 3%,6220 black/white (WS)	BSDF File	2	2011-SA59.XML	1	0.15	0.827	0.827	0.0875	0.088	0.093	0.09	0.382	0.626	0.106	0.101	0.32	0.534

MechoShade

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
15001	EuroTwill Reversible Twill Weave Shadecloth 3%,6020 white/black (WS)	BSDF File	2	2011-SA60.XML	1	0.15	0.828	0.828	0.1001	0.100	0.083	0.08	0.377	0.636	0.096	0.091	0.318	0.548

Mermet

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
16000	Natte White (WS)	BSDF File	2	2011-SA24.XML	1	0.15	0.774	0.774	0.1487	0.149	0.262	0.262	0.698	0.698	0.279	0.279	0.625	0.625
16001	Natte Charcoal (WS)	BSDF File	2	2011-SA43.XML	1	0.15	0.787	0.787	0.1415	0.142	0.116	0.116	0.060	0.060	0.117	0.117	0.06	0.06
16002	Satine Charcoal (WS)	BSDF File	2	2011-SA25.XML	1	0.15	0.82	0.82	0.0935	0.094	0.055	0.055	0.059	0.059	0.057	0.057	0.059	0.059
16003	Satine White (WS)	BSDF File	2	2011-SA26.XML	1	0.15	0.826	0.826	0.0807	0.081	0.214	0.214	0.747	0.747	0.228	0.228	0.673	0.673
16004	Vienne Charcoal (WS)	BSDF File	2	2011-SA44.XML	1	0.15	0.827	0.827	0.0939	0.094	0.102	0.102	0.064	0.064	0.103	0.103	0.065	0.065
16010	Lintex 60040 White 9038	BSDF File	6.1	Mermet-Lintex 60040 White 9038-oz33.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.468	0.468	0.482	0.482	0.476	0.476	0.465	0.465
16011	M-Screen 8505 White 0202	BSDF File	6.1	Mermet-M-Screen 8505 White 0202-oz32.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.182	0.182	0.785	0.785	0.204	0.204	0.703	0.703

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23000	Newell Rubbermaid 1830199 - 2 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_2_genBSDF.xml	0.03	0.12	0.903	0.481	0.0403	0	9E-05	4E-05	0.085	0.137	0.0002	8E-05	0.119	0.137
23001	Newell Rubbermaid 1830199 - 7 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_7_genBSDF.xml	0.03	0.123	0.933	0.815	0.0076	0	0.001	0.0008	0.244	0.414	0.002	0.001	0.326	0.413
23002	Newell Rubbermaid 1830199 - 12 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_12_genBSDF.xml	0.03	0.144	0.918	0.836	0.0031	0	0.003	0.002	0.347	0.577	0.004	0.004	0.44	0.577

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23003	Newell Rubbermaid 1830199 - 16 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_16_genBSDF.xml	0.02	0.14	0.901	0.819	0.0020	0	0.003	0.003	0.408	0.658	0.005	0.005	0.502	0.658
23004	Newell Rubbermaid 1830199 - 21 mm cell height	BSDF File	6	Newell Rubbermaid 1830199_21_genBSDF.xml	0.02	0.098	0.879	0.793	0.0013	0	0.004	0.004	0.472	0.720	0.006	0.006	0.565	0.720
23005	Newell Rubbermaid FCL7000970140 - 2 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_2_genBS DF.xml	0.03	0.115	0.903	0.518	0.0366	0	0.005	0.002	0.09	0.153	0.005	0.002	0.109	0.150
23006	Newell Rubbermaid FCL7000970140 - 7 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_7_genBS DF.xml	0.03	0.118	0.916	0.829	0.0062	0	0.044	0.04	0.255	0.403	0.048	0.044	0.302	0.399
23007	Newell Rubbermaid FCL7000970140 - 11 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_11_genB SDF.xml	0.03	0.131	0.896	0.842	0.0038	0	0.095	0.091	0.336	0.501	0.103	0.101	0.389	0.496
23008	Newell Rubbermaid FCL7000970140 - 15 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_15_genB SDF.xml	0.02	0.124	0.871	0.824	0.0042	0	0.137	0.135	0.394	0.555	0.149	0.147	0.45	0.554
23009	Newell Rubbermaid FCL7000970140 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCL7000970140_20_genB SDF.xml	0.02	0.084	0.839	0.796	0.0057	0	0.171	0.17	0.450	0.598	0.184	0.183	0.504	0.598
23010	Newell Rubbermaid FCL9000770108 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_3_genBS DF.xml	0.03	0.129	0.933	0.596	0.0213	0	0.020	0.016	0.129	0.184	0.02	0.017	0.153	0.185
23011	Newell Rubbermaid FCL9000770108 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_8_genBS DF.xml	0.03	0.133	0.936	0.819	0.0057	0	0.078	0.073	0.282	0.378	0.085	0.081	0.325	0.379

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23012	Newell Rubbermaid FCL9000770108 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_14_genB SDF.xml	0.03	0.17	0.915	0.831	0.0067	0	0.169	0.166	0.382	0.476	0.19	0.187	0.429	0.482
23013	Newell Rubbermaid FCL9000770108 - 19 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_19_genB SDF.xml	0.03	0.145	0.894	0.810	0.0110	0	0.230	0.229	0.433	0.51	0.257	0.257	0.476	0.517
23014	Newell Rubbermaid FCL9000770108 - 24 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000770108_24_genB SDF.xml	0.02	0.099	0.871	0.787	0.0163	0	0.272	0.272	0.465	0.532	0.304	0.303	0.503	0.538
23015	Newell Rubbermaid FCL9000970124 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_3_genBS DF.xml	0.04	0.139	0.903	0.569	0.0333	0	0.002	0.002	0.178	0.151	0.002	0.003	0.183	0.165
23016	Newell Rubbermaid FCL9000970124 - 9 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_9_genBS DF.xml	0.03	0.146	0.912	0.823	0.0064	0	0.04	0.04	0.427	0.368	0.044	0.044	0.435	0.396
23017	Newell Rubbermaid FCL9000970124 - 15 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_15_genB SDF.xml	0.03	0.191	0.887	0.831	0.0036	0	0.097	0.097	0.552	0.488	0.107	0.107	0.561	0.519
23018	Newell Rubbermaid FCL9000970124 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_20_genB SDF.xml	0.03	0.168	0.863	0.811	0.0039	0	0.132	0.132	0.616	0.554	0.144	0.144	0.623	0.581
23019	Newell Rubbermaid FCL9000970124 - 26 mm cell height	BSDF File	6	Newell Rubbermaid FCL9000970124_26_genB SDF.xml	0.02	0.106	0.833	0.784	0.0049	0	0.155	0.154	0.666	0.609	0.167	0.167	0.672	0.637
23020	Newell Rubbermaid FCL9001070300 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_3_genBS DF.xml	0.03	0.129	0.908	0.582	0.0293	0	0.016	0.016	0.187	0.186	0.016	0.015	0.183	0.181

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23021	Newell Rubbermaid FCL9001070300 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_8_genBS DF.xml	0.03	0.133	0.912	0.827	0.0077	0	0.088	0.087	0.384	0.383	0.086	0.085	0.375	0.374
23022	Newell Rubbermaid FCL9001070300 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_14_genB SDF.xml	0.03	0.171	0.886	0.853	0.0082	0	0.217	0.216	0.488	0.488	0.215	0.215	0.473	0.473
23023	Newell Rubbermaid FCL9001070300 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_20_genB SDF.xml	0.03	0.136	0.854	0.834	0.0149	0	0.323	0.323	0.529	0.527	0.322	0.323	0.509	0.508
23024	Newell Rubbermaid FCL9001070300 - 25 mm cell height	BSDF File	6	Newell Rubbermaid FCL9001070300_25_genB SDF.xml	0.02	0.101	0.827	0.815	0.0217	0	0.383	0.383	0.538	0.538	0.389	0.389	0.515	0.516
23025	Newell Rubbermaid FCR7000370505 - 4 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_4_genBS DF.xml	0.04	0.167	0.894	0.602	0.0358	0	0	0	0.118	0.178	0	0	0.132	0.179
23026	Newell Rubbermaid FCR7000370505 - 11 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_11_genB SDF.xml	0.04	0.181	0.905	0.832	0.0076	0	0	0	0.292	0.422	0	0	0.322	0.424
23027	Newell Rubbermaid FCR7000370505 - 18 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_18_genB SDF.xml	0.04	0.255	0.881	0.844	0.0031	0	0	0	0.417	0.577	0	0	0.454	0.579
23028	Newell Rubbermaid FCR9000370501 - 25 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_25_genB SDF.xml	0.02	0.116	0.822	0.789	0.0012	0	0	0	0.679	0.729	0	0	0.690	0.723
23029	Newell Rubbermaid FCR7000370505 - 32 mm cell height	BSDF File	6	Newell Rubbermaid FCR7000370505_32_genB SDF.xml	0.02	0.142	0.822	0.801	0.0009	0	0	0	0.571	0.723	0	0	0.609	0.725

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23030	Newell Rubbermaid FCR9000370501 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_3_genBS DF.xml	0.04	0.138	0.888	0.565	0.0403	0	0	0	0.152	0.173	0	0	0.158	0.172
23031	Newell Rubbermaid FCR9000370501 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_8_genBS DF.xml	0.04	0.142	0.906	0.811	0.0098	0	0	0	0.361	0.405	0	0	0.371	0.399
23032	Newell Rubbermaid FCR9000370501 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_14_genB SDF.xml	0.03	0.179	0.881	0.835	0.0035	0	0	0	0.526	0.581	0	0	0.538	0.574
23033	Newell Rubbermaid FCR9000370501 - 20 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000370501_20_genB SDF.xml	0.03	0.158	0.85	0.812	0.0019	0	0	0	0.625	0.679	0	0	0.638	0.672
23034	Newell Rubbermaid FCR9000370501 - 25 mm cell height	BSDF File	6															
23035	Newell Rubbermaid FCR9000560500 - 3 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_3_genBS DF.xml	0.03	0.126	0.900	0.593	0.0392	0	0	0	0.022	0.170	0	0	0.032	0.167
23036	Newell Rubbermaid FCR9000560500 - 8 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_8_genBS DF.xml	0.03	0.129	0.928	0.838	0.0114	0	0	0	0.06	0.400	0	0	0.085	0.394
23037	Newell Rubbermaid FCR9000560500 - 14 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_14_genB SDF.xml	0.03	0.166	0.916	0.864	0.0051	0	0	0	0.102	0.572	0	0	0.143	0.564
23038	Newell Rubbermaid FCR9000560500 - 19 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_19_genB SDF.xml	0.03	0.149	0.899	0.851	0.0035	0	0	0	0.134	0.656	0	0	0.185	0.648

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23039	Newell Rubbermaid FCR9000560500 - 24 mm cell height	BSDF File	6	Newell Rubbermaid FCR9000560500_24_genB SDF.xml	0.02	0.118	0.88	0.834	0.0026	0	0	0	0.165	0.71	0	0	0.226	0.703
23040	Newell Rubbermaid SCL3000672749 - 4 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_4_genB DF.xml	0.04	0.149	0.942	0.592	0.0162	0	0.090	0.084	0.12	0.123	0.1	0.094	0.143	0.148
23041	Newell Rubbermaid SCL3000672749 - 11 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_11_genB SDF.xml	0.04	0.165	0.937	0.818	0.0063	0	0.167	0.164	0.246	0.245	0.194	0.191	0.289	0.286
23042	Newell Rubbermaid SCL3000672749 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_18_genB SDF.xml	0.04	0.238	0.918	0.829	0.0127	0	0.228	0.239	0.312	0.316	0.268	0.281	0.362	0.358
23043	Newell Rubbermaid SCL3000672749 - 25 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_25_genB SDF.xml	0.03	0.207	0.895	0.806	0.025	0	0.261	0.307	0.372	0.326	0.305	0.360	0.423	0.364
23044	Newell Rubbermaid SCL3000672749 - 32 mm cell height	BSDF File	6	Newell Rubbermaid SCL3000672749_32_genB SDF.xml	0.02	0.125	0.872	0.780	0.0396	0	0.277	0.32	0.423	0.403	0.320	0.372	0.469	0.432
23045	Newell Rubbermaid SCL7160070552 - 2 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_2_genB DF.xml	0.03	0.119	0.908	0.519	0.0364	0	0	0	0.009	0.135	0	0	0.013	0.137
23046	Newell Rubbermaid SCL7160070552 - 7 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_7_genB DF.xml	0.03	0.122	0.93	0.83	0.0064	0	0	0	0.032	0.399	0	0	0.046	0.404
23047	Newell Rubbermaid SCL7160070552 - 11 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_11_genB SDF.xml	0.03	0.136	0.915	0.842	0.0029	0	0	0	0.049	0.535	0	0	0.070	0.541

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23048	Newell Rubbermaid SCL7160070552 - 15 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_15_genB SDF.xml	0.02	0.129	0.895	0.825	0.0018	0	0	0	0.066	0.623	0	0	0.093	0.627
23049	Newell Rubbermaid SCL7160070552 - 20 mm cell height	BSDF File	6	Newell Rubbermaid SCL7160070552_20_genB SDF.xml	0.02	0.092	0.869	0.797	0.0011	0	0	0	0.087	0.692	0	0	0.122	0.696
23050	Newell Rubbermaid SCL9001272199 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_3_genBS DF.xml	0.03	0.134	0.93	0.592	0.0231	0	0.009	0.005	0.195	0.2	0.009	0.005	0.191	0.199
23051	Newell Rubbermaid SCL9001272199 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_8_genBS DF.xml	0.03	0.138	0.936	0.825	0.0052	0	0.058	0.053	0.408	0.429	0.058	0.054	0.399	0.421
23052	Newell Rubbermaid SCL9001272199 - 13 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_13_genB SDF.xml	0.03	0.166	0.921	0.843	0.0020	0	0.127	0.124	0.516	0.548	0.128	0.124	0.504	0.538
23053	Newell Rubbermaid SCL9001272199 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_18_genB SDF.xml	0.03	0.16	0.903	0.825	0.0011	0	0.179	0.176	0.583	0.614	0.180	0.178	0.568	0.604
23054	Newell Rubbermaid SCL9001272199 - 23 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001272199_23_genB SDF.xml	0.02	0.109	0.885	0.802	0.0007	0	0.206	0.206	0.627	0.657	0.211	0.209	0.613	0.645
23055	Newell Rubbermaid SCL9001372700 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_3_genBS DF.xml	0.04	0.128	0.928	0.552	0.0230	0	0.989	0.989	0.008	0.007	0.129	0.12	0.179	0.206
23056	Newell Rubbermaid SCL9001372700 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_8_genBS DF.xml	0.04	0.132	0.928	0.806	0.0071	0	0.997	0.997	0.003	0.003	0.240	0.230	0.354	0.36

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23057	Newell Rubbermaid SCL9001372700 - 14 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_14_genB SDF.xml	0.03	0.17	0.908	0.836	0.01	0	0.998	0.997	0.002	0.003	0.33	0.342	0.456	0.445
23058	Newell Rubbermaid SCL9001372700 - 20 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_20_genB SDF.xml	0.03	0.144	0.883	0.815	0.0200	0	0.999	0.998	0.001	0.002	0.365	0.431	0.530	0.456
23059	Newell Rubbermaid SCL9001372700 - 25 mm cell height	BSDF File	6	Newell Rubbermaid SCL9001372700_25_genB SDF.xml	0.02	0.107	0.862	0.793	0.0306	0	0.998	0.999	0.002	0.0007	0.372	0.429	0.569	0.515
23060	Newell Rubbermaid SCL9002990108 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_3_genBS DF.xml	0.03	0.124	0.932	0.596	0.0192	0	0.035	0.009	0.133	0.194	0.035	0.009	0.158	0.193
23061	Newell Rubbermaid SCL9002990108 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_8_genBS DF.xml	0.03	0.128	0.93	0.814	0.0051	0	0.095	0.063	0.281	0.414	0.099	0.069	0.327	0.411
23062	Newell Rubbermaid SCL9002990108 - 13 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_13_genB SDF.xml	0.03	0.156	0.915	0.823	0.0052	0	0.155	0.132	0.374	0.524	0.166	0.146	0.423	0.523
23063	Newell Rubbermaid SCL9002990108 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_18_genB SDF.xml	0.03	0.145	0.9	0.797	0.0084	0	0.198	0.182	0.439	0.585	0.216	0.2	0.490	0.585
23064	Newell Rubbermaid SCL9002990108 - 23 mm cell height	BSDF File	6	Newell Rubbermaid SCL9002990108_23_genB SDF.xml	0.02	0.098	0.884	0.768	0.0125	0	0.222	0.211	0.489	0.621	0.241	0.232	0.537	0.621
23065	Newell Rubbermaid SCL9003080219 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_3_genBS DF.xml	0.03	0.126	0.928	0.591	0.0212	0	0.046	0.009	0.034	0.189	0.047	0.01	0.085	0.190

Newell Rubbermaid

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23066	Newell Rubbermaid SCL9003080219 - 8 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_8_genBS DF.xml	0.03	0.13	0.927	0.822	0.0055	0	0.095	0.045	0.087	0.399	0.107	0.06	0.194	0.400
23067	Newell Rubbermaid SCL9003080219 - 13 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_13_genB SDF.xml	0.03	0.157	0.912	0.838	0.005	0	0.123	0.082	0.135	0.497	0.153	0.117	0.273	0.504
23068	Newell Rubbermaid SCL9003080219 - 18 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_18_genB SDF.xml	0.03	0.151	0.895	0.817	0.0077	0	0.14	0.110	0.175	0.546	0.185	0.159	0.334	0.557
23069	Newell Rubbermaid SCL9003080219 - 23 mm cell height	BSDF File	6	Newell Rubbermaid SCL9003080219_23_genB SDF.xml	0.02	0.101	0.878	0.791	0.0115	0	0.149	0.128	0.211	0.576	0.202	0.184	0.383	0.589
23070	Newell Rubbermaid SCR7000970602 - 2 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_2_genBS DF.xml	0.03	0.125	0.881	0.498	0.048	0	0	0	0.108	0.125	0	0	0.11	0.122
23071	Newell Rubbermaid SCR7000970602 - 7 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_7_genBS DF.xml	0.03	0.129	0.909	0.834	0.0087	0	0	0	0.329	0.376	0	0	0.335	0.365
23072	Newell Rubbermaid SCR7000970602 - 12 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_12_genB SDF.xml	0.03	0.149	0.886	0.857	0.0033	0	0	0	0.479	0.538	0	0	0.485	0.525
23073	Newell Rubbermaid SCR7000970602 - 17 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_17_genB SDF.xml	0.02	0.132	0.856	0.841	0.0018	0	0	0	0.575	0.634	0	0	0.581	0.621
23074	Newell Rubbermaid SCR7000970602 - 22 mm cell height	BSDF File	6	Newell Rubbermaid SCR7000970602_22_genB SDF.xml	0.02	0.094	0.825	0.819	0.0010	0	0	0	0.640	0.695	0	0	0.646	0.683

Newell Rubbermaid

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
23075	Newell Rubbermaid SK07210670216 - 3 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_3_genBS DF.xml	0.03	0.138	0.931	0.578	0.0233	0	0.006	0.002	0.018	0.185	0.007	0.005	0.072	0.183
23076	Newell Rubbermaid SK07210670216 - 9 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_9_genBS DF.xml	0.03	0.145	0.936	0.829	0.005	0	0.02	0.014	0.055	0.406	0.044	0.041	0.189	0.409
23077	Newell Rubbermaid SK07210670216 - 15 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_15_genB SDF.xml	0.03	0.190	0.916	0.838	0.0049	0	0.036	0.032	0.088	0.478	0.100	0.097	0.269	0.497
23078	Newell Rubbermaid SK07210670216 - 20 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_20_genB SDF.xml	0.03	0.163	0.896	0.821	0.0074	0	0.049	0.046	0.113	0.494	0.140	0.139	0.319	0.529
23079	Newell Rubbermaid SK07210670216 - 26 mm cell height	BSDF File	6	Newell Rubbermaid SK07210670216_26_genB SDF.xml	0.02	0.103	0.871	0.798	0.0111	0	0.062	0.060	0.141	0.501	0.176	0.175	0.366	0.550

Nolan.UDA

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
2500	Horizon 90 Mesh Grey/Grey (WS)	BSDF File	6.1	Nolan_UDA-Horizon 90 Mesh Grey-Grey-oz24.xml	0.001	0.14	0.9	0.9	0.0002	0.0002	0.221	0.221	0.262	0.262	0.241	0.241	0.259	0.259

Nysan

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
6000	Hexcel Screen2 (S2) 3%, White Pearl (WS)	BSDF File	2	2011-SA9.XML	1	0.15	0.792	0.792	0.1140	0.114	0.153	0.168	0.618	0.441	0.185	0.199	0.569	0.436
6001	GreenScreen Eco 3%, Pewter Platinum (WS)	BSDF File	2	2011-SA2.XML	1	0.15	0.873	0.564	0.0625	0.062	0.040	0.040	0.113	0.113	0.095	0.095	0.32	0.32

Nysan

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
6002	GreenScreen Eco 3%, Charcoal Bronze (WS)	BSDF File	2	2011-SA4.XML	1	0.15	0.82	0.82	0.0935	0.094	0.087	0.087	0.146	0.146	0.333	0.333	0.291	0.291
6003	GreenScreen Eco Dual Tone 3%, Pewter Pearl (WS)	BSDF File	2	2011-SA3.XML	1	0.15	0.837	0.558	0.0643	0.064	0.154	0.154	0.401	0.401	0.328	0.328	0.329	0.329
6004	GreenScreen Eco 1%, Pearl (WS)	BSDF File	2	2011-SA11.XML	1	0.15	0.838	0.838	0.0812	0.081	0.238	0.238	0.321	0.321	0.379	0.379	0.421	0.421
6005	GreenScreen Eco 1%, Pewter (WS)	BSDF File	2	2011-SA12.XML	1	0.15	0.848	0.848	0.0662	0.066	0.095	0.089	0.106	0.117	0.329	0.327	0.328	0.332
6006	Satine 5500 5%, White Pearl (WS)	BSDF File	2	2011-SA1.XML	1	0.15	0.796	0.796	0.1092	0.109	0.096	0.094	0.482	0.56	0.118	0.116	0.465	0.526
6007	Satine 5500 5%, Dark Grey White (WS)	BSDF File	2	2011-SA5.XML	1	0.15	0.834	0.834	0.0737	0.074	0.079	0.078	0.317	0.433	0.109	0.108	0.327	0.415
6008	SuperScreen (300) 3%, White Pearl (WS)	BSDF File	2	2011-SA7.XML	1	0.15	0.856	0.856	0.0573	0.057	0.136	0.136	0.612	0.612	0.168	0.168	0.547	0.547
6009	SuperScreen 3%, Pewter (WS)	BSDF File	2	2011-SA8.XML	1	0.15	0.868	0.868	0.0468	0.047	0.045	0.045	0.170	0.170	0.088	0.088	0.208	0.208
6010	SuperTwill 3%, Bronze Linen Pewter (WS)	BSDF File	2	2011-SA10.XML	1	0.15	0.836	0.836	0.0656	0.066	0.074	0.067	0.220	0.374	0.106	0.098	0.226	0.356
6011	SuperWeave 5%, Pewter (WS)	BSDF File	2	2011-SA6.XML	1	0.15	0.823	0.823	0.0938	0.094	0.078	0.078	0.171	0.171	0.115	0.115	0.209	0.209
6012	Serge (Helioscreen) 3% 2165, Grey White (WS)	BSDF File	2	2011-SA82.XML	1	0.15	0.862	0.854	0.0519	0.052	0.069	0.067	0.316	0.434	0.095	0.092	0.329	0.420
6013	Serge 2165, Pearl White (WS)	BSDF File	2	2011-SA81.XML	1	0.15	0.84	0.832	0.0734	0.073	0.123	0.124	0.498	0.568	0.142	0.143	0.460	0.518
6014	Paradise 11600, White (WS)	BSDF File	2	2011-SA80.XML	1	0.15	0.882	0.882	0.0472	0.047	0.312	0.312	0.632	0.632	0.302	0.302	0.601	0.601

ODL

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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ODL

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
22000	White Veneitan Blind Open (ODL)	Venetian	4															
22001	White Venetian Blind Closed (ODL)	Venetian	4															
22002	White Venetian Blind 45 (ODL)	Venetian	4															
22003	Tan Veneitan Blind Open (ODL)	Venetian	4															
22004	Tan Venetian Blind Closed (ODL)	Venetian	4															
22005	Tan Venetian Blind 45 (ODL)	Venetian	4															

Pella

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
3000	Slim White VB Closed	Venetian	2															
3001	Slim White VB 45	Venetian	2															
3002	Slim White Open	Venetian	2															
3003	Slim Marine Closed	Venetian	2															
3004	Slim Marine 45	Venetian	2															
3005	Slim Marine Open	Venetian	2															

Phifer Incorporated

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
17000	sheerWeave 2360, P12 Oyster (WS)	BSDF File	2	2011-SA23.XML	1	0.15	0.778	0.778	0.1364	0.136	0.255	0.255	0.699	0.699	0.278	0.278	0.622	0.622
17001	sheerWeave 2703, P13 Oyster/Beige (WS)	BSDF File	2	2011-SA14.XML	1	0.15	0.817	0.817	0.0934	0.093	0.165	0.154	0.555	0.664	0.186	0.176	0.512	0.597
17002	sheerWeave 4000, V 10 Ebony (WS)	BSDF File	2	2011-SA13.XML	1	0.15	0.808	0.808	0.0988	0.099	0.070	0.070	0.035	0.035	0.071	0.071	0.034	0.034

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ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
17003	sheerWeave 4100,V07 Pewter (WS)	BSDF File	2	2011-SA15.XML	1	0.15	0.803	0.803	0.1042	0.104	0.101	0.101	0.316	0.316	0.108	0.108	0.293	0.293
17004	sheerWeave 5000,Q94 Tweed/Oatmeal (WS)	BSDF File	2	2011-SA42.XML	1	0.15	0.808	0.808	0.0725	0.073	0.079	0.079	0.314	0.377	0.113	0.112	0.319	0.419
17005	sheerWeave 7300,R29 Hide (WS)	BSDF File	2	2011-SA16.XML	1	0.15	0.86	0.87	0.0002	0.0002	1E-05	1E-05	0.807	0.17	6E-06	6E-06	0.731	0.446
17006	SunTex 80, Brown (WS)	BSDF File	2	2011-SA17.XML	1	0.15	0.670	0.670	0.2558	0.256	0.285	0.285	0.035	0.035	0.285	0.285	0.035	0.035
17007	SunTex 90, Black (WS)	BSDF File	2	2011-SA84.XML	1	0.15	0.782	0.782	0.1231	0.123	0.143	0.143	0.034	0.034	0.143	0.143	0.035	0.035
17008	SuperSolar Screening +, Charcoal (WS)	BSDF File	2	2011-SA83.XML	1	0.15	0.722	0.722	0.1898	0.19	0.147	0.147	0.047	0.047	0.147	0.147	0.051	0.051
17009	sheerWeave 2390 Performance + Q20 Beige	BSDF File	4	2014-SC20.XML	0.5	0.15	0.162	0.793	0.0465	0.047	0.08	0.077	0.696	0.541	0.083	0.080	0.705	0.507
17010	sheerWeave 2410 Performance + P13 Oyster/Beige	BSDF File	4	2014-SC21.XML	0.5	0.15	0.203	0.831	5E-05	5E-05	0.053	0.053	0.704	0.651	0.055	0.055	0.714	0.601
17011	sheerWeave 2390 Performance + P13 Oyster/Beige	BSDF File	4	2014-SC22.XML	0.5	0.15	0.168	0.804	0.0279	0.028	0.082	0.080	0.704	0.65	0.084	0.083	0.713	0.594
17012	sheerWeave 2390 Performance + P12 Oyster	BSDF File	4	2014-SC23.XML	0.5	0.15	0.195	0.822	0.0386	0.039	0.084	0.081	0.687	0.742	0.086	0.083	0.697	0.665
17013	sheerWeave 2390 Performance + Q21 Beige/Pearl Gray	BSDF File	4	2014-SC24.XML	0.5	0.15	0.187	0.824	0.0234	0.023	0.077	0.072	0.689	0.453	0.08	0.074	0.698	0.423
17014	sheerWeave 2410 Performance + V20 Pearl Gray	BSDF File	4	2014-SC25.XML	0.5	0.15	0.142	0.828	0.0475	0.047	0.046	0.041	0.714	0.363	0.048	0.042	0.724	0.347

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ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
17015	sheerWeave 2410 Performance + Q20 Beige	BSDF File	4	2014-SC26.XML	0.5	0.15	0.179	0.831	0.023	0.023	0.059	0.055	0.702	0.556	0.062	0.058	0.712	0.525
17016	sheerWeave 2410 Performance + V21 Charcoal	BSDF File	4	2014-SC27.XML	0.5	0.15	0.171	0.845	0.0226	0.023	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	4	2014-SC28.XML	0.5	0.15	0.176	0.805	0.0446	0.045	0.077	0.072	0.687	0.101	0.077	0.072	0.696	0.095
17018	sheerWeave 2390 Performance + P14 Oyster/Pearl Gray	BSDF File	4	2014-SC29.XML	0.5	0.15	0.161	0.814	0.0660	0.066	0.079	0.075	0.693	0.539	0.081	0.077	0.701	0.493
17019	sheerWeave 2390 Performance + V20 Pearl Gray	BSDF File	4	2014-SC30.XML	0.5	0.15	0.156	0.806	0.0218	0.022	0.068	0.063	0.716	0.356	0.07	0.064	0.726	0.34
17020	sheerWeave 2410 Performance + Q21 Beige/Pearl Gray	BSDF File	4	2014-SC31.XML	0.5	0.15	0.183	0.810	0.0335	0.033	0.077	0.072	0.689	0.449	0.079	0.074	0.699	0.419
17021	sheerWeave 2410 Performance + P12 Oyster	BSDF File	4	2014-SC33.XML	0.5	0.15	0.21	0.862	0.0002	0.0002	0.049	0.048	0.703	0.779	0.050	0.049	0.712	0.699
17022	sheerWeave 2410 Performance + P14 Oyster/Pearl Gray	BSDF File	4	2014-SC34.XML	0.5	0.15	0.179	0.875	0.023	0.023	0.041	0.040	0.710	0.533	0.043	0.042	0.720	0.484
17023	sheerWeave 2390 Performance + V21 Charcoal	BSDF File	4	2014-SC35.XML	0.5	0.15	0.177	0.806	0.0482	0.048	0.083	0.074	0.681	0.044	0.084	0.074	0.691	0.044
17024	sheerWeave 2410 Performance + V22 Charcoal Gray	BSDF File	4	2014-SC36.XML	0.5	0.15	0.172	0.843	0.0227	0.023	0.045	0.041	0.697	0.109	0.046	0.041	0.706	0.101
17025	sheerWeave 2390 Performance + V24 CCL/Chestnut	BSDF File	4	2014-SC37.XML	0.5	0.15	0.185	0.784	0.0553	0.055	0.082	0.073	0.652	0.057	0.083	0.073	0.661	0.067

Phifer Incorporated

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
17026	sheerWeave 2410 Performance + V24 CCL/Chestnut	BSDF File	4	2014-SC38.XML	0.5	0.15	0.181	0.832	0.0006	0.0006	0.047	0.041	0.696	0.058	0.048	0.042	0.708	0.069

Ricky Richards

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1000	Black, Close Weave (WS)	BSDF File	6.1	Ricky Richards-Black Close Weave-oz20.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.045	0.045	0.066	0.066	0.045	0.045	0.061	0.061
1001	Black, Open Weave (WS)	BSDF File	6.1	Ricky Richards-Black Open Weave-oz21.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.076	0.076	0.076	0.076	0.076	0.076	0.069	0.069

Shanghai King Shine Plastic M

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
24500	White Venetian Blind Open (Shanghai King Shine)	Venetian	6.1															
24501	White Venetian Blind Closed (Shanghai King Shine)	Venetian	6.1															
24502	White Venetian Blind 45 (Shanghai King Shine)	Venetian	6.1															

Shaw

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
1500	Alabaster 2772 (WS)	BSDF File	6.1	Shaw-Alabaster 2772-oz35.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0	0	0.826	0.826	7E-05	3E-05	0.759	0.673
1501	Urbanshade White 2685 (WS)	BSDF File	6.1	Shaw-Urbanshade White 2685-oz34.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0	0	0.850	0.850	0	0	0.798	0.739

Solar Comfort

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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Solar Comfort

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
18000	Solar Comfort Radiant Barrier	Perforated Screen	4															

Springs Windows Fashions

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
21000	Cocoon Mist 3812	BSDF File	4	2014-SC5.XML	0.5	0.15	0.761	0.761	7E-05	7E-05	0.0006	0.0006	0.605	0.721	0.001	0.001	0.662	0.720
21001	Solitude Coffee 1707	BSDF File	4	2014-SC6.XML	0.5	0.15	0.712	0.712	3E-05	3E-05	0.0001	0.0001	0.214	0.688	0.00030	0.0003	0.441	0.710
21002	Zest Spruce 2203	BSDF File	4	2014-SC7.XML	0.5	0.15	0.699	0.699	0.0973	0.097	0.389	0.459	0.345	0.544	0.429	0.461	0.432	0.536
21003	Iron Gate 2441	BSDF File	4	2014-SC8.XML	0.5	0.15	0.715	0.715	0.0875	0.087	0.122	0.465	0.082	0.553	0.282	0.466	0.303	0.547
21004	Daydream Camel	BSDF File	4	2014-SC9.XML	0.5	0.15	0.717	0.717	0.1269	0.127	0.438	0.605	0.241	0.391	0.467	0.608	0.257	0.386
21005	Ferrari FT381	BSDF File	4	2014-SC10.XML	0.5	0.15	0.507	0.623	0.2946	0.295	0.253	0.254	0.412	0.428	0.258	0.259	0.400	0.410

Twitchell

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
19000	ShadeView, Light Grey (WS)	BSDF File	2	2011-SA19.XML	1	0.15	0.768	0.768	0.144	0.144	0.272	0.272	0.303	0.303	0.288	0.288	0.286	0.286
19001	Sunsure, Royal Blue (WS)	BSDF File	2	2011-SA20.XML	1	0.15	0.821	0.821	0.0732	0.073	0.087	0.087	0.109	0.109	0.201	0.201	0.303	0.303
19002	Textilene,awning White (WS)	BSDF File	2	2011-SA18.XML	1	0.15	0.829	0.829	0.0734	0.073	0.132	0.132	0.819	0.819	0.176	0.176	0.73	0.73
19003	Textilene 80, Black (WS)	BSDF File	2	2011-SA22.XML	1	0.15	0.645	0.645	0.2829	0.283	0.290	0.290	0.029	0.029	0.289	0.289	0.028	0.028
19004	Textilene 90, Black (WS)	BSDF File	2	2011-SA21.XML	1	0.15	0.781	0.781	0.1277	0.128	0.142	0.142	0.035	0.035	0.142	0.142	0.034	0.034

Uniline

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	T _{ir}	O	T _{visF}	T _{visB}	R _{visF}	R _{visB}	T _{solF}	T _{solB}	R _{solF}	R _{solB}
4000	Uniview Charcoal	BSDF File	6.1	Uniline-Uniview Charcoal-oz61.xml	1.001	0.14	0.9	0.9	0.0002	0.0002	0.07	0.07	0.038	0.038	0.07	0.07	0.037	0.037

Verosol

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20000	EnviroScreen 810/998, grey(dark)silver (WS)	BSDF File	2	2011-SA69.XML	1	0.15	0.688	0.293	0.1462	0.146	0.119	0.119	0.115	0.115	0.131	0.131	0.377	0.377
20001	EnviroScreen 810/000, silver/silver (WS)	BSDF File	2	2011-SA70.XML	1	0.15	0.284	0.284	0.0984	0.098	0.155	0.155	0.543	0.543	0.155	0.155	0.537	0.537
20002	EnviroScreen 810/711, gold/silver (WS)	BSDF File	2	2011-SA71.XML	1	0.15	0.689	0.301	0.1469	0.147	0.141	0.141	0.508	0.508	0.143	0.143	0.529	0.529
20003	EnviroScreen 810/936, grey(light)/silver (WS)	BSDF File	2	2011-SA72.XML	1	0.15	0.68	0.282	0.1488	0.149	0.125	0.125	0.261	0.261	0.133	0.133	0.440	0.440
20004	SilverScreen EB01,black/silver (WS)	BSDF File	2	2011-SA73.XML	1	0.15	0.839	0.144	0.0664	0.066	0.041	0.041	0.054	0.054	0.041	0.041	0.052	0.052
20005	SilverScreen EB03,white+light grey/silver (WS)	BSDF File	2	2011-SA77.XML	1	0.15	0.843	0.164	0.0409	0.041	0.035	0.035	0.14	0.14	0.035	0.035	0.134	0.134
20006	SilverScreen EB04,black+brow n/silver (WS)	BSDF File	2	2011-SA76.XML	1	0.15	0.810	0.138	0.0675	0.067	0.040	0.040	0.064	0.064	0.040	0.040	0.065	0.065
20007	SilverScreen EC01,dark grey/silver (WS)	BSDF File	2	2011-SA79.XML	1	0.15	0.848	0.124	0.057	0.057	0.047	0.047	0.392	0.392	0.047	0.047	0.378	0.378
20008	SilverScreen EC02,dark+light grey/silver (WS)	BSDF File	2	2011-SA74.XML	1	0.15	0.841	0.171	0.0442	0.044	0.044	0.044	0.297	0.297	0.045	0.045	0.307	0.307
20009	SilverScreen ED03,light grey/silver (WS)	BSDF File	2	2011-SA78.XML	1	0.15	0.819	0.135	0.063	0.063	0.045	0.045	0.587	0.587	0.045	0.045	0.529	0.529
20010	SilverScreen ED04,tan+pearl/si lver (WS)	BSDF File	2	2011-SA75.XML	1	0.15	0.841	0.132	0.0593	0.059	0.042	0.042	0.586	0.586	0.043	0.043	0.562	0.562
20011	Silverscreen 205ED02	BSDF File	6.1	Verosol Silverscreen 205ED02-SE21.xml	0.8	0.3	0.881	0.117	0.02	0.02	0.046	0.046	0.679	0.679	0.047	0.047	0.633	0.633

Verosol

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20012	Silverscreen 205EC01	BSDF File	6.1	Verosol Silverscreen 205EC01-SE22rev.xml	0.8	0.3	0.106	0.861	0.02	0.02	0.053	0.048	0.742	0.378	0.054	0.048	0.762	0.358
20013	205-EB03	BSDF File	6.1	Verosol 205-EB03- SE23rev.xml	0.8	0.3	0.11	0.850	0.0541	0.054	0.053	0.045	0.743	0.131	0.053	0.045	0.763	0.124
20014	205-ED01	BSDF File	6.1	Verosol 205-ED01- SE24rev.xml	0.8	0.3	0.077	0.833	0.0492	0.049	0.059	0.054	0.762	0.770	0.060	0.054	0.783	0.693
20015	205-ED04	BSDF File	6.1	Verosol 205-ED04- SE25rev.xml	0.8	0.3	0.096	0.791	0.0735	0.073	0.059	0.053	0.758	0.557	0.060	0.054	0.774	0.534
20016	205-ED03	BSDF File	6.1	Verosol 205-ED03- SE26rev.xml	0.8	0.3	0.105	0.833	0.0524	0.052	0.057	0.052	0.746	0.587	0.057	0.052	0.766	0.535
20017	205-EB04	BSDF File	6.1	Verosol 205-EB04- SE27rev.xml	0.8	0.3	0.104	0.875	0.0354	0.035	0.054	0.046	0.743	0.064	0.055	0.046	0.762	0.064
20018	205-EB02	BSDF File	6.1	Verosol 205-EB02- SE28rev.xml	0.8	0.3	0.109	0.841	0.0547	0.055	0.045	0.039	0.757	0.088	0.049	0.039	0.783	0.092
20019	202-ED01	BSDF File	6.1	Verosol 202-ED01- SE29rev.xml	0.8	0.3	0.094	0.854	0.0233	0.023	0.03	0.026	0.749	0.813	0.028	0.027	0.77	0.741
20020	205-EC02	BSDF File	6.1	Verosol 205-EC02- SE31rev.xml	0.9	0.3	0.114	0.825	0.0567	0.057	0.052	0.045	0.746	0.286	0.053	0.046	0.767	0.293
20021	205-EB01	BSDF File	6.1	Verosol 205-EB01- SE32rev.xml	0.8	0.3	0.111	0.800	0.0875	0.088	0.045	0.04	0.749	0.054	0.045	0.04	0.764	0.053
20022	SWC M392	BSDF File	6.1	Verosol SWC M392- SE40rev.xml	0.8	0.3	0.103	0.771	0.1046	0.105	0.041	0.04	0.736	0.112	0.041	0.04	0.755	0.062
20023	304 CC20	BSDF File	6.1	Verosol 304 CC20- SE41rev.xml	0.8	0.3	0.109	0.721	0.1224	0.122	0.052	0.056	0.739	0.509	0.054	0.059	0.756	0.522
20024	805 000	BSDF File	6.1	Verosol 805 000- SE42rev.xml	0.8	0.3	0.272	0.786	0.0569	0.057	0.072	0.081	0.678	0.589	0.075	0.083	0.694	0.563
20025	805 711	BSDF File	6.1	Verosol 805 711- SE43rev.xml	0.8	0.3	0.211	0.774	0.0934	0.093	0.069	0.069	1.494	1.494	0.073	0.073	0.692	0.692
20026	805 765	BSDF File	6.1	Verosol 805 765- SE44rev.xml	0.8	0.3	0.216	0.766	0.0969	0.097	0.068	0.074	0.686	0.391	0.074	0.081	0.701	0.49
20027	802 765	BSDF File	6.1	Verosol 802 765- SE45rev.xml	0.8	0.3	0.216	0.827	0.052	0.052	0.029	0.037	0.706	0.431	0.034	0.043	0.725	0.528
20028	802 000	BSDF File	6.1	Verosol 802 000- SE46rev.xml	0.8	0.3	0.057	0.846	0.0411	0.041	0.034	0.033	0.713	0.623	0.036	0.035	0.73	0.596
20029	802 711	BSDF File	6.1	Verosol 802 711- SE47rev.xml	0.8	0.3	0.209	0.858	0.0452	0.045	0.032	0.04	0.707	0.518	0.036	0.044	0.724	0.553

Verosol

ID	Name	Type	DB Ver #	Filename	t (mm)	k (W/m-k)	ϵ_f	ϵ_b	Tir	O	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
20030	802 829	BSDF File	6.1	Verosol 802 829-SE48rev.xml	0.8	0.3	0.221	0.817	0.056	0.056	0.016	0.017	0.708	0.058	0.028	0.034	0.726	0.372
20031	802 936	BSDF File	6.1	Verosol 802 936-SE49rev.xml	0.8	0.3	0.206	0.795	0.0669	0.067	0.023	0.029	0.711	0.252	0.031	0.039	0.729	0.461
20032	802 998	BSDF File	6.1	Verosol 802 998-SE50rev.xml	0.8	0.3	0.23	0.858	0.0164	0.016	0.013	0.016	0.719	0.094	0.025	0.031	0.736	0.394
20033	805 998	BSDF File	6.1	Verosol 805 998-SE51rev.xml	0.8	0.3	0.197	0.753	0.1095	0.11	0.052	0.054	0.69	0.105	0.064	0.071	0.706	0.381
20034	805 936	BSDF File	6.1	Verosol 805 936-SE52rev.xml	0.8	0.3	0.206	0.831	0.0615	0.061	0.058	0.063	0.692	0.230	0.068	0.075	0.707	0.437
20035	805 829	BSDF File	6.1	Verosol 805 829-SE53rev.xml	0.8	0.3	0.206	0.76	0.0918	0.092	0.055	0.054	0.681	0.044	0.070	0.075	0.699	0.348