

# Complex Glazing Database: Version 39.0

## Shade Materials

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

The shade materials from CGDB V 37.0 can be used in WINDOW 8.1 to model louvered shutters.

### Cardinal Glass Industries

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
54500	6.9 i89 SG_WHT50	1	35	#	6.9 i89 SG_WHT50	6.9	0.426	0.84	0.84	0	0.549	0.543	0.216	0.214	0.395	0.4	0.126	0.110
54501	6.9 SG_WHT50	1	35	#	6.9 SG_WHT50	6.9	0.426	0.84	0.847	0	0.583	0.583	0.241	0.241	0.462	0.46	0.134	0.134
54502	6.9 SG_WHT65	1	35	#	6.9 SG_WHT65	6.9	0.426	0.84	0.84	0	0.65	0.65	0.189	0.189	0.477	0.48	0.104	0.104
54503	6.9 SG_WHT80	1	35	#	6.9 SG_WHT80	6.9	0.426	0.84	0.84	0	0.658	0.658	0.116	0.116	0.431	0.43	0.064	0.064
54504	7.6 SG_WHT50	1	35	#	7.6 SG_WHT50	7.6	0.482	0.84	0.84	0	0.578	0.578	0.235	0.235	0.45	0.45	0.128	0.128
54505	8.6 i89 SG_WHT50	1	35	#	8.6 i89 SG_WHT50	8.6	0.471	0.84	0.84	0	0.551	0.548	0.22	0.213	0.392	0.40	0.121	0.105
54506	8.6 LI SG_WHT50	1	35	#	8.6 LI SG_WHT50	8.6	0.471	0.84	0.84	0	0.605	0.605	0.262	0.262	0.518	0.52	0.171	0.171
54507	8.6 LI SG_WHT65	1	35	#	8.6 LI SG_WHT65	8.6	0.471	0.84	0.84	0	0.675	0.675	0.210	0.210	0.537	0.54	0.136	0.136
54508	8.6 LI SG_WHT80	1	35	#	8.6 LI SG_WHT80	8.6	0.471	0.84	0.84	0	0.683	0.683	0.121	0.121	0.467	0.47	0.078	0.078
54509	8.6 SG_WHT50	1	35	#	8.6 SG_WHT50	8.6	0.471	0.84	0.84	0	0.570	0.570	0.234	0.234	0.436	0.44	0.124	0.124
54510	8.6 SG_WHT65	1	35	#	8.6 SG_WHT65	8.6	0.471	0.84	0.84	0	0.637	0.637	0.182	0.182	0.457	0.46	0.095	0.095
54511	8.6 SG_WHT80	1	35	#	8.6 SG_WHT80	8.6	0.471	0.84	0.84	0	0.655	0.655	0.110	0.110	0.418	0.42	0.058	0.058

**Cardinal Glass Industries**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
54512	10.1 SG_WHT50	1	35	#	10.1 SG_WHT50	10	0.542	0.84	0.84	0	0.561	0.561	0.228	0.228	0.414	0.41	0.117	0.117
54513	11.7 SG_WHT50	1	35	#	11.7 SG_WHT50	12	0.578	0.84	0.84	0	0.547	0.547	0.220	0.220	0.394	0.39	0.11	0.11
54514	13.6 I89 SG_WHT50	1	35	#	13.6 I89 SG_WHT50	14	0.625	0.84	0.84	0	0.52	0.515	0.196	0.198	0.335	0.34	0.097	0.089
54515	13.6 LI SG_WHT50	1	35	#	13.6 LI SG_WHT50	14	0.696	0.84	0.84	0	0.597	0.597	0.233	0.233	0.501	0.50	0.150	0.150
54516	13.6 LI SG_WHT65	1	35	#	13.6 LI SG_WHT65	14	0.696	0.84	0.84	0	0.659	0.659	0.180	0.180	0.507	0.51	0.114	0.114
54517	13.6 LI SG_WHT80	1	35	#	13.6 LI SG_WHT80	14	0.696	0.84	0.84	0	0.661	0.661	0.114	0.114	0.449	0.45	0.073	0.073
54518	13.6 SG_WHT50	1	35	#	13.6 SG_WHT50	14	0.625	0.84	0.84	0	0.532	0.532	0.210	0.210	0.37	0.37	0.099	0.099
54519	13.6 SG_WHT65	1	35	#	13.6 SG_WHT65	14	0.625	0.84	0.84	0	0.603	0.603	0.158	0.158	0.394	0.39	0.074	0.074
54520	13.6 SG_WHT80	1	35	#	13.6 SG_WHT80	14	0.625	0.84	0.84	0	0.620	0.620	0.097	0.097	0.367	0.37	0.046	0.046
54521	13.8 E366 SG_WHT50	1	35	#	13.8 E366 SG_WHT50	14	0.607	0.84	0.84	0	0.354	0.347	0.078	0.158	0.137	0.13	0.028	0.202

**CHANGSHU HIGH-TECH ENERGY-SAVING DORWIN**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
42000	slats-white.txt	1	19		slats-white.txt	0.2	160	0.799	0.799	0	0	0	0.774	0.774	0	0	0.684	0.684
42001	slats-tan.txt	1	19		slats-tan.txt	0.2	160	0.81	0.81	0	0	0	0.359	0.359	0	0	0.357	0.357

**Changshu Zhongxin Building Material**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
43800	ZX white blinds.txt	1	39	#	ZX white blinds.txt	0.2	160	0.793	0.793	0	0	0	0.753	0.757	0	0	0.692	0.694

**Comfortex**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
46015	Linen Weave 0.75" Light Filtering.txt	1	19	@	Linen Weave 0.75" Light Filtering.txt	0.3	0.12	0.647	0.602	0.198	0.61	0.61	0.387	0.385	0.607	0.61	0.374	0.373
46016	Linen Weave 0.75" Room Darkening.txt	1	19	@	Linen Weave 0.75" Room Darkening.txt	0.2	0.12	0.776	0.882	0	0.0001	0.0001	0.828	0.828	0.0002	0.0002	0.660	0.638
46017	Verona 0.75" Light Filtering.txt	1	19	@	Verona 0.75" Light Filtering.txt	0.3	0.12	0.766	0.713	0.075	0.468	0.468	0.532	0.526	0.463	0.46	0.510	0.501
46018	Verona 0.75" Room Darkening.txt	1	19	@	Verona 0.75" Room Darkening.txt	0.2	0.12	0.787	0.882	0	4E-05	4E-05	0.825	0.834	0.0002	0.0002	0.676	0.647
46019	Boutique 0.75" Light Filtering.txt	1	19	@	Boutique 0.75" Light Filtering.txt	0.2	0.12	0.684	0.671	0.169	0.539	0.539	0.460	0.453	0.54	0.54	0.444	0.437
46020	Boutique 0.75" Room Darkening.txt	1	19	@	Boutique 0.75" Room Darkening.txt	0.2	0.12	0.818	0.867	0	2E-07	2E-07	0.826	0.838	0.0001	0.0001	0.663	0.651
46021	Aspen 0.375" Double Cell Light Filtering.txt	1	19	@	Aspen 0.375" Double Cell Light Filtering.txt	0.2	0.12	0.673	0.652	0.185	0.6	0.6	0.400	0.406	0.598	0.6	0.387	0.393
46022	SlumberShade 0.75" Blackout.txt	1	19	@	SlumberShade 0.75" Blackout.txt	0.2	0.12	0.842	0.867	0	3E-11	3E-11	0.839	0.859	1E-04	1E-04	0.679	0.669

**Flexo**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
34149	13013 Flexo 4041.txt	1	27	@	13013 Flexo 4041.txt	0.2	0.12	0.664	0.7	0.128	0.472	0.472	0.522	0.518	0.467	0.47	0.503	0.501
34150	13015 Flexo 4051.txt	1	27	@	13015 Flexo 4051.txt	0.4	0.12	0.566	0.567	0.193	0.587	0.587	0.402	0.41	0.584	0.58	0.390	0.398
34151	13014 Flexo 4043.txt	1	27	@	13014 Flexo 4043.txt	0.2	0.12	0.654	0.693	0.138	0.471	0.471	0.509	0.508	0.467	0.47	0.492	0.491
34152	13012 Flexo 4039 - 2.txt	1	27	@	13012 Flexo 4039 - 2.txt	0.1	0.12	0.669	0.669	0.169	0.505	0.505	0.483	0.47	0.515	0.52	0.448	0.443
34153	13011 Flexo 4039 - 1.txt	1	27	@	13011 Flexo 4039 - 1.txt	0.7	0.12	0.723	0.746	0	7E-05	7E-05	0.794	0.811	0.0001	0.0001	0.771	0.792

**Flexo**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
34154	13010 Flexo 4033 - 2.txt	1	27	@	13010 Flexo 4033 - 2.txt	0.1	0.12	0.642	0.642	0.206	0.567	0.567	0.423	0.425	0.567	0.57	0.403	0.407
34155	13009 Flexo 4033 - 1.txt	1	27	@	13009 Flexo 4033 - 1.txt	0.6	0.12	0.628	0.541	0.141	0.498	0.498	0.499	0.488	0.492	0.49	0.484	0.471
34156	13008 Flexo 4023.txt	1	27	@	13008 Flexo 4023.txt	0.1	0.12	0.789	0.022	0	0.0002	0.0002	0.782	0.913	0.0003	0.0003	0.771	0.921
34157	13007 Flexo 4022.txt	1	27	@	13007 Flexo 4022.txt	0.1	0.12	0.762	0.028	0	0.0004	0.0004	0.796	0.908	0.0005	0.0005	0.772	0.917
34158	13006 Flexo 4021.txt	1	27	@	13006 Flexo 4021.txt	0.2	0.12	0.798	0.027	0	0.0002	0.0002	0.785	0.907	0.0002	0.0002	0.773	0.917
34159	13005 Flexo 4020.txt	1	27	@	13005 Flexo 4020.txt	0.2	0.12	0.812	0	0.031	0.0003	0.0003	0.788	0.908	0.0003	0.0003	0.774	0.917
34160	13004 Flexo 4008.txt	1	27	@	13004 Flexo 4008.txt	0.3	0.12	0.745	0.763	0	0.0002	0.0002	0.791	0.865	0.0003	0.0003	0.780	0.86
34161	13003 Flexo 4006.txt	1	27	@	13003 Flexo 4006.txt	0.3	0.12	0.745	0.775	0	0.0002	0.0002	0.790	0.856	0.0002	0.0002	0.777	0.851
34162	13002 Flexo 4005.txt	1	27	@	13002 Flexo 4005.txt	0.5	0.12	0.537	0.571	0.156	0.469	0.469	0.511	0.518	0.465	0.47	0.493	0.503
34163	13001 Flexo 4004.txt	1	27	@	13001 Flexo 4004.txt	0.4	0.12	0.459	0.618	0.164	0.513	0.513	0.46	0.474	0.507	0.51	0.448	0.460
34164	13000 Flexo 4003.txt	1	27	@	13000 Flexo 4003.txt	0.5	0.12	0.533	0.536	0.152	0.504	0.504	0.472	0.475	0.498	0.5	0.46	0.464

**Generic**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
30101	Slat Metal A	0	19		Slat Metal A	0.6	160	0.9	0.9	0	0	0	0.7	0.7	0	0	0.7	0.7
30102	Slat Metal B	0	19		Slat Metal B	0.6	160	0.9	0.9	0	0	0	0.55	0.55	0	0	0.55	0.55
30103	Slat Metal C	0	19		Slat Metal C	0.6	160	0.9	0.9	0	0	0	0.7	0.4	0	0	0.7	0.4

**Generic**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
30104	Slat Metal D	0	19		Slat Metal D	0.6	160	0.55	0.55	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.5
30105	NFRC default Venetian blind slat.txt	1	26	#	NFRC default Venetian blind slat.txt	0.5	160	0.9	0.9	0	0	0	0.05	0.05	0	0	0.05	0.05
30110	WhiteLouveredShutter.txt	1	37		WhiteLouveredShutter.txt	10	0.18	0.815	0.815	0	0	0	0.943	0.943	0	0	0.870	0.870
30111	GrayLouveredShutter.txt	1	37		GrayLouveredShutter.txt	10	0.18	0.815	0.815	0	0	0	0.472	0.472	0	0	0.435	0.435
30112	BlackLouveredShutter.txt	1	37		BlackLouveredShutter.txt	10	0.18	0.815	0.815	0	0	0	0.038	0.038	0	0	0.035	0.035
31002	Diffusing shade material	0	19		Diffusing shade material	2	0.9	0.84	0.84	0	0.4	0.4	0.2	0.2	0.5	0.5	0.3	0.3
31006	Woven Shade Material	0	19		Woven Shade Material	0.6	0.3	0.9	0.9	0	0	0	0.5	0.5	0	0	0.5	0.5
31008	vb02_glf14.txt	1	19		vb02_glf14.txt	2.9	0.12	0.733	0.733	0	3E-06	3E-06	0.829	0.829	0.003	0.003	0.814	0.814
31009	vb14_pk138.txt	1	19		vb14_pk138.txt	3.1	0.12	0.866	0.866	0.0577	3E-06	3E-06	0.133	0.133	0.001	0.001	0.234	0.234
31010	vt01_Mocha.txt	1	19		vt01_Mocha.txt	1	0.12	0.825	0.825	0.0456	0.052	0.052	0.201	0.201	0.213	0.21	0.449	0.449
31011	vt02_Snow.txt	1	19		vt02_Snow.txt	1	0.12	0.766	0.766	0.0843	0.0004	0.0004	0.866	0.866	0.029	0.03	0.831	0.831
31012	vt03_Presidential.txt	1	19		vt03_Presidential.txt	1	0.12	0.851	0.851	0.0744	1E-05	1E-05	0.337	0.337	0.003	0.003	0.347	0.347
31013	rs_AntiqueWhite.txt	1	19		rs_AntiqueWhite.txt	4	0.034	0.78	0.78	0	0	0	0.705	0.705	0	0	0.655	0.655
31014	rs_Bronze.txt	1	19		rs_Bronze.txt	4	0.034	0.782	0.782	0	0	0	0.076	0.076	0	0	0.087	0.087
31015	rs_Silver.txt	1	19		rs_Silver.txt	4	0.034	0.654	0.654	0	0	0	0.54	0.54	0	0	0.565	0.565
31016	rs_TrueWhite.txt	1	19		rs_TrueWhite.txt	4	0.034	0.816	0.816	0	0	0	0.833	0.833	0	0	0.735	0.735

**Generic**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
31017	ILC2019_1 Diffuse Interlayer	1	27		ILC2019_1 Diffuse Interlayer	10	0.818	0.84	0.84	0	0.681	0.681	0.144	0.144	0.608	0.61	0.097	0.097
31018	ILC2019_2 Low-e on frits 12mm substrate	1	27		ILC2019_2 Low-e on frits 12mm substrate	12	1	0.84	0.035	0	0.286	0.283	0.067	0.091	0.116	0.11	0.052	0.239
40009	BSDF Material	0	19		BSDF Material	0.6	160	0.9	0.9	0	0	0	0.7	0.7	0	0	0.7	0.7

**Hongding Industrial Co., Ltd.**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
33000	trimliteslat.txt	1	19	#	trimliteslat.txt	0.1	160	0.81	0.81	0	0	0	0.757	0.757	0	0	0.683	0.683

**Hunter Douglas**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
31033	C23_innerwalls.txt	1	19	@	C23_innerwalls.txt	0.2	0.12	0.784	0.04	0	0	0	0.816	0.851	0	0	0.828	0.868
31034	C22-951_innerwalls.txt	1	19	@	C22-951_innerwalls.txt	0.2	0.12	0.68	0.68	0.14	0.480	0.480	0.461	0.461	0.484	0.48	0.441	0.441
31035	C22-951_outerwalls.txt	1	19	@	C22-951_outerwalls.txt	0.2	0.12	0.72	0.72	0.12	0.453	0.453	0.494	0.494	0.459	0.46	0.457	0.457
31036	C22-951_glueline.txt	1	19	@	C22-951_glueline.txt	0.2	0.12	0.78	0.78	0.03	0.309	0.309	0.657	0.657	0.312	0.31	0.599	0.599
31037	C82_TransparentPlastic.txt	1	19	@	C82_TransparentPlastic.txt	0.2	0.12	0.17	0.17	0.71	0.905	0.905	0.095	0.095	0.906	0.91	0.092	0.092
31038	D2_WhiteWallMaterial.txt	1	19	@	D2_WhiteWallMaterial.txt	0.2	0.12	0.69	0.69	0.19	0.620	0.620	0.376	0.376	0.636	0.64	0.352	0.352
31039	D7_WhiteOnSilverBack.txt	1	19	@	D7_WhiteOnSilverBack.txt	0.2	0.12	0.84	0.04	0	0	0	0.735	0.927	0	0	0.723	0.936
31040	D8_WhiteSheer.txt	1	19	@	D8_WhiteSheer.txt	0.2	0.12	0.37	0.37	0.58	0.884	0.884	0.116	0.116	0.890	0.89	0.107	0.107

**Hunter Douglas**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
34001	BO25g.txt	1	19	@	BO25g.txt	0.1	0.12	0.076	0.03	0	0	0	0.822	0.908	0	0	0.829	0.917
34002	BO25g_flip.txt	1	19	@	BO25g_flip.txt	0.1	0.12	0.003	0.076	0	0	0	0.908	0.822	0	0	0.917	0.829
34003	C90PET.txt	1	19	@	C90PET.txt	0.1	0.12	0.182	0.182	0.696	0.907	0.907	0.093	0.093	0.905	0.90	0.092	0.092
34004	D7_WhiteOnSilverBack.txt	1	19	@	D7_WhiteOnSilverBack.txt	0.1	0.12	0.84	0.04	0	0	0	0.723	0.912	0	0	0.714	0.918
34005	D7_WhiteOnSilverBack_flip.txt	1	19	@	D7_WhiteOnSilverBack_flip.txt	0.1	0.12	0.04	0.84	0	0	0	0.912	0.723	0	0	0.918	0.714
34006	Architella_Elan_Outer.txt	1	19	@	Architella_Elan_Outer.txt	0.1	0.12	0.833	0.833	0.158	0.504	0.504	0.494	0.494	0.518	0.52	0.452	0.452
34007	Architella_Elan_Semi- Opaque_Inner_Cell.txt	1	19	@	Architella_Elan_Semi- Opaque_Inner_Cell.txt	0.1	0.12	0.798	0.789	0.1911	0.558	0.558	0.429	0.443	0.556	0.56	0.413	0.427
34008	Architella_Elan_Opaque_Inner_ Cell.txt	1	19	@	Architella_Elan_Opaque_Inner_ Cell.txt	0.09	0.12	0.756	0.034	0	2E-06	2E-06	0.807	0.927	7E-05	7E-05	0.813	0.934
34009	Architella_Reception_Outer.txt	1	19	@	Architella_Reception_Outer.txt	0.1	0.12	0.8	0.842	0.1282	0.431	0.431	0.568	0.553	0.442	0.44	0.524	0.522
34010	Applause_Semi-Opaque.txt	1	19	@	Applause_Semi-Opaque.txt	0.2	0.12	0.821	0.821	0.1812	0.504	0.504	0.494	0.494	0.518	0.52	0.452	0.452
34011	Applause_Opaque.txt	1	19	@	Applause_Opaque.txt	0.2	0.12	0.825	0.026	0	1E-05	1E-05	0.735	0.922	0.0001	0.0001	0.716	0.927
34012	Classic .375" Semi Opaque (D1).txt	1	19	@	Classic .375" Semi Opaque (D1).txt	0.1	0.12	0.63	0.616	0.231	0.571	0.571	0.428	0.412	0.603	0.60	0.365	0.360
34013	Classic .75" Semi Opaque (D2).txt	1	19	@	Classic .75" Semi Opaque (D2).txt	0.2	0.12	0.771	0.655	0.125	0.495	0.495	0.504	0.485	0.520	0.52	0.441	0.43
34014	Legends .375" Opaque (E4).txt	1	19	@	Legends .375" Opaque (E4).txt	0.1	0.12	0.731	0.032	0	0.0001	0.0001	0.740	0.923	0.0002	0.0002	0.725	0.933
34015	Architella Classic .75" (C50- C51).txt	1	19	@	Architella Classic .75" (C50- C51).txt	0.2	0.12	0.681	0.693	0.16	0.508	0.508	0.491	0.483	0.547	0.55	0.416	0.418

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ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
34016	Applause .375" Semi Opaque (E42).txt	1	19	@	Applause .375" Semi Opaque (E42).txt	0.2	0.12	0.641	0.626	0.2	0.611	0.611	0.388	0.382	0.627	0.63	0.347	0.349
34017	Legends .75" Opaque (E3).txt	1	19	@	Legends .75" Opaque (E3).txt	0.2	0.12	0.841	0.03	0	0.0001	0.0001	0.761	0.915	0.0002	0.0002	0.726	0.926
34018	Vintage .75" Semi Opaque (E50).txt	1	19	@	Vintage .75" Semi Opaque (E50).txt	0.1	0.12	0.68	0.614	0.146	0.49	0.49	0.509	0.5	0.505	0.51	0.459	0.467
34019	Madison .75" Semi Opaque (F50).txt	1	19	@	Madison .75" Semi Opaque (F50).txt	0.1	0.12	0.682	0.695	0.183	0.527	0.527	0.455	0.452	0.539	0.54	0.416	0.414
34020	Vintage .75" Opaque (E51).txt	1	19	@	Vintage .75" Opaque (E51).txt	0.1	0.12	0.801	0.028	0	0.0002	0.0002	0.751	0.918	0.0002	0.0002	0.745	0.927
34021	Architella Bamboo .75" (C95-C96).txt	1	19	@	Architella Bamboo .75" (C95-C96).txt	0.4	0.12	0.664	0.624	0.153	0.48	0.48	0.515	0.499	0.474	0.47	0.496	0.482
34022	Architella Calypso .75" (X89-X90).txt	1	19	@	Architella Calypso .75" (X89-X90).txt	0.1	0.12	0.624	0.649	0.158	0.464	0.464	0.536	0.535	0.470	0.47	0.516	0.515
34023	Commercial .75" Opaque (D23).txt	1	19	@	Commercial .75" Opaque (D23).txt	0.2	0.12	0.799	0.029	0	0.0002	0.0002	0.742	0.914	0.0002	0.0002	0.739	0.923
34024	Reception .75" Opaque (D57).txt	1	19	@	Reception .75" Opaque (D57).txt	0.1	0.12	0.77	0.028	0	0.0001	0.0001	0.746	0.922	0.0002	0.0002	0.744	0.931
34025	PL Solid Print .375" Opaque (F9).txt	1	19	@	PL Solid Print .375" Opaque (F9).txt	0.05	0.12	0.796	0.031	0	7E-05	7E-05	0.712	0.92	0.0001	0.0001	0.71	0.93
34026	Architella AlexaM .75" Semi Opaque (X45).txt	1	19	@	Architella AlexaM .75" Semi Opaque (X45).txt	0.05	0.12	0.516	0.595	0.288	0.743	0.743	0.250	0.262	0.744	0.74	0.238	0.248
34027	PL Solid Print .75" Opaque (F17).txt	1	19	@	PL Solid Print .75" Opaque (F17).txt	0.1	0.12	0.754	0.028	0	0.0001	0.0001	0.751	0.916	0.0002	0.0002	0.749	0.927
34028	Commercial .75" Semi Opaque (D22).txt	1	19	@	Commercial .75" Semi Opaque (D22).txt	0.1	0.12	0.688	0.654	0.147	0.380	0.380	0.607	0.626	0.388	0.39	0.570	0.581

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34029	Architella Bamboo .75" Semi Opaque (C97).txt	1	19	@	Architella Bamboo .75" Semi Opaque (C97).txt	0.03	0.12	0.199	0.193	0.694	0.911	0.911	0.089	0.088	0.91	0.91	0.087	0.087
34030	Architella Alustra .75" Inner SemiOpaque(Y10).txt	1	19	@	Architella Alustra .75" Inner SemiOpaque(Y10).txt	0.04	0.12	0.48	0.477	0.402	0.888	0.888	0.112	0.112	0.884	0.88	0.110	0.110
34031	Architella Alexa .75" Outer Fabric (C93-C94).txt	1	19	@	Architella Alexa .75" Outer Fabric (C93-C94).txt	0.4	0.12	0.7	0.673	0.126	0.456	0.456	0.539	0.537	0.460	0.46	0.506	0.515
34032	Arch India Silk 0.75" St (X01).txt	1	19	@	Arch India Silk 0.75" St (X01).txt	0.3	0.12	0.86	0.82	0	0.435	0.435	0.563	0.562	0.445	0.45	0.514	0.527
34033	Arch Alexa Metallic 0.75" St (X45).txt	1	19	@	Arch Alexa Metallic 0.75" St (X45).txt	0.3	0.12	0.766	0.807	0	0.441	0.441	0.558	0.563	0.448	0.45	0.514	0.508
34034	Arch Apollo 0.75" St (U20).txt	1	19	@	Arch Apollo 0.75" St (U20).txt	0.3	0.12	0.831	0.842	0	0.479	0.479	0.520	0.521	0.488	0.49	0.483	0.469
34035	Arch Leela 0.75" St (Y01).txt	1	19	@	Arch Leela 0.75" St (Y01).txt	0.4	0.12	0.883	0.67	0	0.405	0.405	0.584	0.593	0.404	0.40	0.546	0.572
34036	Arch Etched 0.75" St (X11).txt	1	19	@	Arch Etched 0.75" St (X11).txt	0.3	0.12	0.756	0.872	0	0.418	0.418	0.581	0.573	0.425	0.42	0.530	0.536
34037	Arch Jardin 0.75" St (X42).txt	1	19	@	Arch Jardin 0.75" St (X42).txt	0.4	0.12	0.798	0.821	0	0.390	0.390	0.597	0.600	0.391	0.39	0.579	0.563
34038	Arch Apollo 0.75" Rm (U20).txt	1	19	@	Arch Apollo 0.75" Rm (U20).txt	0.3	0.12	0.635	0.635	0.232	0.519	0.519	0.292	0.292	0.567	0.57	0.318	0.318
34039	Arch India Silk 0.75" Rm (X21).txt	1	19	@	Arch India Silk 0.75" Rm (X21).txt	0.3	0.12	0.731	0.647	0.108	0.093	0.093	0.239	0.310	0.248	0.25	0.473	0.501
34040	Arch Etched 0.75" Rm (X11).txt	1	19	@	Arch Etched 0.75" Rm (X11).txt	0.3	0.12	0.582	0.582	0.315	0.621	0.621	0.260	0.260	0.656	0.66	0.285	0.285
34041	Arch Macon Rm 1 - Tan (X91).txt	1	19	@	Arch Macon Rm 1 - Tan (X91).txt	0.3	0.12	0.491	0.491	0.345	0.595	0.595	0.267	0.267	0.639	0.64	0.295	0.295
34042	Arch Macon Rm 2 - Blue (X91).txt	1	19	@	Arch Macon Rm 2 - Blue (X91).txt	0.3	0.12	0.46	0.46	0.387	0.523	0.523	0.159	0.159	0.626	0.63	0.238	0.238

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34043	Arch Macon Rm 3 - Brown (X91).txt	1	19	@	Arch Macon Rm 3 - Brown (X91).txt	0.3	0.12	0.416	0.416	0.416	0.435	0.435	0.046	0.046	0.613	0.61	0.166	0.166
34044	Arch Leela 0.75" Rm (X51).txt	1	19	@	Arch Leela 0.75" Rm (X51).txt	0.3	0.12	0.657	0.657	0.192	0.506	0.506	0.424	0.424	0.525	0.53	0.426	0.426
34045	Arch Jardin 0.75" Rm (X42).txt	1	19	@	Arch Jardin 0.75" Rm (X42).txt	0.4	0.12	0.683	0.683	0.222	0.501	0.501	0.298	0.298	0.567	0.57	0.337	0.337
34046	Arch Alexa Metallic 0.75" Rm (X45).txt	1	19	@	Arch Alexa Metallic 0.75" Rm (X45).txt	0.4	0.12	0.638	0.762	0	0.122	0.122	0.322	0.421	0.119	0.12	0.329	0.415
34047	Arch Batiste 0.75" Rm (Y09).txt	1	19	@	Arch Batiste 0.75" Rm (Y09).txt	0.2	0.12	0.517	0.517	0.371	0.662	0.662	0.338	0.338	0.671	0.67	0.321	0.321
34056	HD Custom 1.txt	1	19	@	HD Custom 1.txt	0.3	0.12	0.626	0.459	0.114	0.427	0.427	0.542	0.56	0.42	0.42	0.528	0.547
34057	HD Custom 2.txt	1	19	@	HD Custom 2.txt	0.3	0.12	0.605	0.599	0	0.0002	0.0002	0.788	0.842	0.0003	0.0003	0.771	0.849
34058	HD Custom 3.txt	1	19	@	HD Custom 3.txt	0.3	0.12	0.578	0.556	0.158	0.505	0.505	0.490	0.500	0.505	0.50	0.471	0.484
34059	HD Custom 4.txt	1	19	@	HD Custom 4.txt	0.2	0.12	0.724	0.521	0.164	0.516	0.516	0.484	0.486	0.514	0.51	0.462	0.463
34060	HD Custom 5.txt	1	19	@	HD Custom 5.txt	0.4	0.12	0.572	0.463	0.134	0.486	0.486	0.509	0.514	0.485	0.48	0.497	0.501
34061	HD Custom 6.txt	1	19	@	HD Custom 6.txt	0.3	0.12	0.694	0.386	0	2E-06	2E-06	0.749	0.876	1E-04	1E-04	0.744	0.887
34062	Belfast Sand Castle.txt	1	21	@	Belfast Sand Castle.txt	0.7	0.12	0.662	0.662	0.074	0.215	0.215	0.589	0.589	0.257	0.26	0.624	0.624
34063	Belfast Mink.txt	1	21	@	Belfast Mink.txt	0.7	0.12	0.694	0.694	0.074	0.072	0.072	0.283	0.283	0.192	0.19	0.509	0.509
34064	Cascade Bashful.txt	1	21	@	Cascade Bashful.txt	0.6	0.12	0.659	0.659	0.117	0.235	0.235	0.581	0.581	0.274	0.27	0.623	0.623
34065	Cascade Shimmer.txt	1	21	@	Cascade Shimmer.txt	0.6	0.12	0.675	0.675	0.032	0.145	0.145	0.484	0.484	0.229	0.23	0.595	0.595

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34066	Linen Weave Birch Bark.txt	1	21	@	Linen Weave Birch Bark.txt	0.6	0.12	0.588	0.588	0.126	0.327	0.327	0.630	0.630	0.339	0.34	0.616	0.616
34067	Linen Weave Silver Pine.txt	1	21	@	Linen Weave Silver Pine.txt	0.6	0.12	0.685	0.685	0.054	0.165	0.165	0.377	0.377	0.282	0.28	0.523	0.523
34068	VIG Classic LF Back.txt	1	21	@	VIG Classic LF Back.txt	0.2	0.12	0.696	0.696	0.193	0.562	0.562	0.438	0.438	0.567	0.57	0.419	0.419
34069	VIG Classic Sheer Back.txt	1	21	@	VIG Classic Sheer Back.txt	0.2	0.12	0.332	0.332	0.618	0.904	0.904	0.096	0.096	0.91	0.91	0.083	0.083
34070	VIG Rolling RD Back.txt	1	21	@	VIG Rolling RD Back.txt	0.5	0.12	0.714	0.761	0	0.0002	0.0002	0.768	0.745	0.0003	0.0003	0.778	0.742
34071	VIG Stacking RD Back - EVE.txt	1	21	@	VIG Stacking RD Back - EVE.txt	0.4	0.12	0.682	0.709	0	7E-05	7E-05	0.753	0.790	0.0001	0.0001	0.756	0.789
34072	VIG Stacking LF Back - EVE.txt	1	21	@	VIG Stacking LF Back - EVE.txt	0.2	0.12	0.639	0.639	0.225	0.566	0.566	0.433	0.433	0.571	0.57	0.412	0.412
34073	VIG Duo Back Panel.txt	1	22	@	VIG Duo Back Panel.txt	0.3	0.12	0.768	0.768	0	6E-05	6E-05	0.852	0.852	0.0002	0.0002	0.763	0.763
34074	Silk Road Steppe.txt	1	22	@	Silk Road Steppe.txt	0.7	0.12	0.669	0.669	0.056	0.102	0.102	0.455	0.455	0.156	0.16	0.560	0.560
34075	Jewelstone Moonstone.txt	1	22	@	Jewelstone Moonstone.txt	0.4	0.12	0.617	0.617	0.15	0.468	0.468	0.517	0.517	0.464	0.46	0.495	0.495
34076	Jewelstone Jet.txt	1	23	@	Jewelstone Jet.txt	0.4	0.12	0.7	0.7	0.163	0.136	0.136	0.084	0.084	0.317	0.32	0.331	0.331
34077	Belfast Linen Whitehall.txt	1	22	@	Belfast Linen Whitehall.txt	0.8	0.12	0.502	0.502	0.176	0.262	0.262	0.719	0.719	0.263	0.26	0.688	0.688
34078	Belfast Linen Summer Storm.txt	1	23	@	Belfast Linen Summer Storm.txt	0.8	0.12	0.732	0.732	0.092	0.054	0.054	0.132	0.132	0.183	0.18	0.424	0.424
34079	Cascade Bridalveil.txt	1	23	@	Cascade Bridalveil.txt	0.6	0.12	0.714	0.714	0.105	0.28	0.28	0.690	0.690	0.278	0.28	0.674	0.674
34080	Cascade Contemplation.txt	1	23	@	Cascade Contemplation.txt	0.5	0.12	0.707	0.707	0.117	0.144	0.144	0.439	0.439	0.235	0.23	0.563	0.563
34081	Brooklyn Tweed Ivory Trellis.txt	1	22	@	Brooklyn Tweed Ivory Trellis.txt	0.7	0.12	0.604	0.604	0.116	0.184	0.184	0.806	0.806	0.175	0.18	0.783	0.783

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34082	Brooklyn Tweed Hale Navy.txt	1	23	@	Brooklyn Tweed Hale Navy.txt	0.8	0.12	0.711	0.711	0.098	0.005	0.005	0.135	0.135	0.100	0.10	0.503	0.503
34083	Prairie Dove.txt	1	22	@	Prairie Dove.txt	0.8	0.12	0.699	0.699	0.043	0.21	0.21	0.693	0.693	0.230	0.23	0.685	0.685
34084	Prairie Rye.txt	1	23	@	Prairie Rye.txt	0.6	0.12	0.748	0.748	0.085	0.023	0.023	0.197	0.197	0.039	0.04	0.26	0.26
34085	India Silk Raw Canvas.txt	1	22	@	India Silk Raw Canvas.txt	0.4	0.12	0.636	0.636	0.11	0.295	0.295	0.704	0.704	0.287	0.29	0.686	0.686
34086	India Silk Arani.txt	1	23	@	India Silk Arani.txt	0.4	0.12	0.721	0.721	0.11	0.172	0.172	0.553	0.553	0.231	0.23	0.640	0.640
34087	Shantung Ming Porcelain.txt	1	22	@	Shantung Ming Porcelain.txt	0.4	0.12	0.545	0.545	0.199	0.275	0.275	0.722	0.722	0.266	0.27	0.691	0.691
34088	Shantung Peppercorn.txt	1	22	@	Shantung Peppercorn.txt	0.4	0.12	0.68	0.68	0.122	0.005	0.005	0.161	0.161	0.147	0.15	0.458	0.458
34089	Leela Cloud.txt	1	25	@	Leela Cloud.txt	0.4	0.12	0.663	0.662	0.226	0.534	0.534	0.444	0.453	0.547	0.55	0.434	0.440
34090	Leela Inspire.txt	1	25	@	Leela Inspire.txt	0.4	0.12	0.646	0.681	0.24	0.457	0.457	0.343	0.338	0.515	0.51	0.389	0.385
34091	Alustra Elysian Beyond.txt	1	23	@	Alustra Elysian Beyond.txt	0.6	0.12	0.737	0.737	0.084	0.205	0.205	0.705	0.705	0.219	0.22	0.712	0.712
34092	Alustra Elysian Petrichor.txt	1	23	@	Alustra Elysian Petrichor.txt	0.6	0.12	0.727	0.727	0.084	0.021	0.021	0.180	0.180	0.144	0.14	0.506	0.506
34093	Alustra Idyllic Mejuri.txt	1	23	@	Alustra Idyllic Mejuri.txt	0.5	0.12	0.667	0.667	0.187	0.502	0.502	0.455	0.455	0.509	0.51	0.456	0.456
34094	Alustra Idyllic Sundar.txt	1	23	@	Alustra Idyllic Sundar.txt	0.5	0.12	0.673	0.673	0.19	0.225	0.225	0.110	0.110	0.391	0.39	0.317	0.317
34095	Loren Summer Mist.txt	1	23	@	Loren Summer Mist.txt	0.7	0.12	0.686	0.72	0.14	0.425	0.425	0.56	0.56	0.422	0.42	0.538	0.538
34096	Loren Pleasant Gray.txt	1	23	@	Loren Pleasant Gray.txt	0.6	0.12	0.722	0.721	0.136	0.139	0.139	0.165	0.165	0.259	0.26	0.303	0.303
34097	Knox Soft Neutral.txt	1	23	@	Knox Soft Neutral.txt	0.7	0.12	0.729	0.729	0.084	0.074	0.074	0.446	0.446	0.165	0.17	0.596	0.596

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34098	Knox Classic Noir.txt	1	23	@	Knox Classic Noir.txt	0.8	0.12	0.731	0.731	0.082	0.008	0.008	0.070	0.070	0.130	0.13	0.435	0.435
34099	Cambria Classic Linen.txt	1	22	@	Cambria Classic Linen.txt	0.5	0.12	0.711	0.711	0.101	0.297	0.297	0.660	0.660	0.302	0.30	0.637	0.637
34100	Cambria Night Sky.txt	1	22	@	Cambria Night Sky.txt	0.5	0.12	0.738	0.738	0.094	0.084	0.084	0.309	0.309	0.211	0.21	0.500	0.500
34101	Caden Stone Manor.txt	1	23	@	Caden Stone Manor.txt	0.4	0.12	0.761	0.761	0.084	0.138	0.138	0.45	0.45	0.141	0.14	0.44	0.44
34102	Caden Olde Harbour.txt	1	23	@	Caden Olde Harbour.txt	0.4	0.12	0.762	0.762	0.086	0.018	0.018	0.139	0.139	0.095	0.1	0.32	0.32
34103	Rory Wisp Gray.txt	1	23	@	Rory Wisp Gray.txt	0.8	0.12	0.686	0.686	0.148	0.331	0.331	0.523	0.523	0.363	0.36	0.552	0.552
34104	Rory Moon Shadow.txt	1	23	@	Rory Moon Shadow.txt	0.7	0.12	0.663	0.663	0.176	0.255	0.255	0.217	0.217	0.368	0.37	0.375	0.375
34105	D8-951.txt	1	22	@	D8-951.txt	0.2	0.12	0.406	0.406	0.518	0.781	0.781	0.204	0.204	0.809	0.81	0.168	0.168
34106	D8-701.txt	1	22	@	D8-701.txt	0.2	0.12	0.371	0.371	0.508	0.858	0.858	0.133	0.133	0.871	0.87	0.12	0.12
34107	D8-702.txt	1	22	@	D8-702.txt	0.2	0.12	0.274	0.274	0.539	0.516	0.516	0.139	0.139	0.566	0.57	0.123	0.123
34108	D8-760.txt	1	22	@	D8-760.txt	0.2	0.12	0.382	0.382	0.531	0.826	0.826	0.106	0.106	0.853	0.85	0.102	0.102
34109	D8-700.txt	1	22	@	D8-700.txt	0.2	0.12	0.387	0.387	0.529	0.866	0.866	0.118	0.118	0.876	0.88	0.11	0.11
34110	D8-682.txt	1	22	@	D8-682.txt	0.2	0.12	0.393	0.393	0.475	0.816	0.816	0.086	0.086	0.848	0.85	0.086	0.086
34111	D9-977.txt	1	22	@	D9-977.txt	0.2	0.12	0.312	0.312	0.486	0.811	0.811	0.095	0.095	0.844	0.84	0.106	0.106
34112	D9-762.txt	1	22	@	D9-762.txt	0.2	0.12	0.406	0.406	0.526	0.703	0.703	0.063	0.063	0.754	0.75	0.061	0.061
34113	D9-916.txt	1	22	@	D9-916.txt	0.2	0.12	0.247	0.247	0.577	0.801	0.801	0.102	0.102	0.833	0.83	0.097	0.097

**Hunter Douglas**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
34114	D9-763.txt	1	22	@	D9-763.txt	0.2	0.12	0.319	0.319	0.429	0.757	0.757	0.059	0.059	0.814	0.81	0.069	0.069
34115	D9-588.txt	1	22	@	D9-588.txt	0.2	0.12	0.388	0.388	0.341	0.430	0.430	0.034	0.034	0.611	0.61	0.149	0.149
34116	D9-748.txt	1	22	@	D9-748.txt	0.2	0.12	0.312	0.312	0.458	0.388	0.388	0.023	0.023	0.588	0.59	0.13	0.13
34117	Y10-951.txt	1	22	@	Y10-951.txt	0.3	0.12	0.418	0.418	0.309	0.647	0.647	0.352	0.352	0.652	0.65	0.331	0.331
34118	Y10-457.txt	1	22	@	Y10-457.txt	0.2	0.12	0.455	0.455	0.296	0.644	0.644	0.332	0.332	0.649	0.65	0.323	0.323
34119	Y10-936.txt	1	22	@	Y10-936.txt	0.3	0.12	0.426	0.426	0.341	0.571	0.571	0.15	0.15	0.592	0.59	0.170	0.170
34120	Y10-748.txt	1	22	@	Y10-748.txt	0.3	0.12	0.499	0.499	0.301	0.496	0.496	0.064	0.064	0.517	0.52	0.082	0.082
34121	Y10-953.txt	1	22	@	Y10-953.txt	0.2	0.12	0.387	0.387	0.336	0.634	0.634	0.309	0.309	0.643	0.64	0.302	0.302
34122	Y10-955.txt	1	22	@	Y10-955.txt	0.2	0.12	0.465	0.465	0.292	0.606	0.606	0.254	0.254	0.627	0.63	0.275	0.275
34123	Y10-718.txt	1	22	@	Y10-718.txt	0.3	0.12	0.382	0.382	0.389	0.621	0.621	0.235	0.235	0.642	0.64	0.253	0.253
34124	Y10-790.txt	1	22	@	Y10-790.txt	0.3	0.12	0.412	0.412	0.341	0.528	0.528	0.133	0.133	0.548	0.55	0.158	0.158
34125	E20-513.txt	1	22	@	E20-513.txt	0.2	0.12	0.378	0.378	0.387	0.801	0.801	0.181	0.181	0.825	0.83	0.151	0.151
34126	E20-514.txt	1	22	@	E20-514.txt	0.2	0.12	0.41	0.41	0.511	0.771	0.771	0.196	0.196	0.797	0.8	0.171	0.171
34127	E20-515.txt	1	22	@	E20-515.txt	0.2	0.12	0.355	0.355	0.464	0.804	0.804	0.165	0.165	0.829	0.83	0.142	0.142
34128	Siena Still White.txt	1	23	@	Siena Still White.txt	0.7	0.12	0.738	0.738	0.08	0.094	0.094	0.608	0.608	0.158	0.16	0.69	0.69
34129	Siena Aged Iron.txt	1	23	@	Siena Aged Iron.txt	0.6	0.12	0.733	0.733	0.09	0.002	0.002	0.107	0.107	0.112	0.11	0.475	0.475

**Hunter Douglas**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
34130	Silk Road Keeva.txt	1	23	@	Silk Road Keeva.txt	0.7	0.12	0.753	0.753	0.093	0.029	0.029	0.157	0.157	0.128	0.13	0.413	0.413
34131	V01 - 748.txt	1	23	@	V01 - 748.txt	0.08	0.12	0.32	0.32	0.644	0.724	0.724	0.009	0.009	0.736	0.74	0.01	0.01
34132	Alexa 953 - Room.txt	1	26	@	Alexa 953 - Room.txt	0.3	0.12	0.784	0.738	0.106	0.441	0.441	0.489	0.500	0.459	0.46	0.475	0.476
34133	Alexa 994 - Room.txt	1	26	@	Alexa 994 - Room.txt	0.3	0.12	0.774	0.728	0.119	0.355	0.355	0.222	0.467	0.385	0.39	0.255	0.445
34134	Alexa - Street.txt	1	26	@	Alexa - Street.txt	0.3	0.12	0.741	0.72	0.13	0.48	0.48	0.493	0.476	0.491	0.49	0.469	0.453
34135	Elan Metallic 616 - Room.txt	1	26	@	Elan Metallic 616 - Room.txt	0.1	0.12	0.733	0.71	0.142	0.436	0.436	0.564	0.549	0.462	0.46	0.510	0.508
34136	Elan Metallic 605 - Room.txt	1	26	@	Elan Metallic 605 - Room.txt	0.1	0.12	0.721	0.704	0.153	0.231	0.231	0.146	0.336	0.285	0.28	0.157	0.328
34137	Elan Metallic Street.txt	1	26	@	Elan Metallic Street.txt	0.1	0.12	0.676	0.668	0.175	0.535	0.535	0.465	0.464	0.538	0.54	0.448	0.450
34138	Thea-1260 Room.txt	1	26	@	Thea-1260 Room.txt	0.3	0.12	0.739	0.753	0.108	0.440	0.440	0.434	0.485	0.465	0.47	0.447	0.483
34139	Thea-1267 Room.txt	1	26	@	Thea-1267 Room.txt	0.3	0.12	0.758	0.773	0.098	0.298	0.298	0.215	0.364	0.367	0.37	0.297	0.384
34141	Solasta-1254 Room.txt	1	26	@	Solasta-1254 Room.txt	0.2	0.12	0.626	0.616	0.278	0.69	0.69	0.298	0.301	0.703	0.70	0.280	0.288
34142	Solasta-1257 Room.txt	1	26	@	Solasta-1257 Room.txt	0.2	0.12	0.616	0.608	0.291	0.368	0.368	0.067	0.071	0.566	0.57	0.195	0.197
34143	Amity-1271-LF Room.txt	1	26	@	Amity-1271-LF Room.txt	0.2	0.12	0.714	0.693	0.16	0.572	0.572	0.357	0.382	0.594	0.59	0.362	0.377
34144	Amity-1274-LF Room.txt	1	26	@	Amity-1274-LF Room.txt	0.2	0.12	0.713	0.725	0.15	0.402	0.402	0.189	0.302	0.468	0.47	0.228	0.311
34145	Amity-LF-Street.txt	1	26	@	Amity-LF-Street.txt	0.2	0.12	0.685	0.69	0.173	0.605	0.605	0.392	0.382	0.611	0.61	0.373	0.365
34146	Amity-1271-RD Room.txt	1	26	@	Amity-1271-RD Room.txt	0.2	0.12	0.406	0.847	0	0.0002	0.0002	0.683	0.872	0.0005	0.0005	0.709	0.89

**Hunter Douglas**

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34147	Amity-1274-RD Room.txt	1	26	@	Amity-1274-RD Room.txt	0.1	0.12	0.397	0.846	0	0.0002	0.0002	0.345	0.882	0.0005	0.0005	0.459	0.899
34148	Amity-RD Street.txt	1	26	@	Amity-RD Street.txt	0.1	0.12	0.313	0.838	0	0.0001	0.0001	0.737	0.905	0.0004	0.0004	0.732	0.917
46000	Sonnette_Elan_Outer.txt	1	19	@	Sonnette_Elan_Outer.txt	0.3	0.12	0.836	0.835	0.0734	0.486	0.486	0.514	0.497	0.489	0.49	0.489	0.470
46001	Sonnette_Elan_Semi-Opaque.txt	1	19	@	Sonnette_Elan_Semi-Opaque.txt	0.2	0.12	0.815	0.815	0.124	0.521	0.521	0.478	0.478	0.527	0.53	0.450	0.450
46002	Sonnette_Elan_Opaque.txt	1	19	@	Sonnette_Elan_Opaque.txt	0.2	0.12	0.787	0.795	0	0.0008	0.0008	0.849	0.777	0.001	0.001	0.813	0.763
46003	Sonnette_Textura_Outer.txt	1	19	@	Sonnette_Textura_Outer.txt	0.3	0.12	0.821	0.824	0.0557	0.362	0.362	0.339	0.504	0.385	0.38	0.352	0.479
46004	Sonnette_Textura_Semi- Opaque.txt	1	19	@	Sonnette_Textura_Semi-Opaque.txt	0.2	0.12	0.737	0.737	0.1081	0.519	0.519	0.481	0.481	0.516	0.52	0.465	0.465
46005	Sonnette_Textura_Opaque.txt	1	19	@	Sonnette_Textura_Opaque.txt	0.3	0.12	0.773	0.773	0	0.0004	0.0004	0.838	0.783	0.0008	0.0008	0.799	0.766
46006	Sonnette Elan Metallic Otr Fabric (SN03-04).txt	1	19	@	Sonnette Elan Metallic Otr Fabric (SN03-04).txt	0.3	0.12	0.745	0.765	0.087	0.372	0.372	0.627	0.592	0.391	0.39	0.562	0.535
46007	Sonnette Highline Otr Fabric (SN05-06).txt	1	19	@	Sonnette Highline Otr Fabric (SN05-06).txt	0.3	0.12	0.722	0.746	0.089	0.480	0.480	0.508	0.517	0.478	0.48	0.476	0.489
46008	SN09-10 Outer Fabric.txt	1	19	@	SN09-10 Outer Fabric.txt	0.3	0.12	0.66	0.804	0.047	0.385	0.385	0.356	0.471	0.413	0.41	0.395	0.459
46009	SN11-12 Outer Fabric.txt	1	19	@	SN11-12 Outer Fabric.txt	0.3	0.12	0.63	0.764	0.084	0.424	0.424	0.4	0.498	0.446	0.45	0.437	0.482
46010	SN13-14 Outer Fabric.txt	1	19	@	SN13-14 Outer Fabric.txt	0.3	0.12	0.687	0.727	0.096	0.364	0.364	0.309	0.481	0.411	0.41	0.377	0.473
46011	SN15-16 Outer Fabric.txt	1	19	@	SN15-16 Outer Fabric.txt	0.3	0.12	0.736	0.736	0.05	0.417	0.417	0.385	0.496	0.443	0.44	0.438	0.484
46023	46012 SEATEX Beige.txt	1	20	@	46012 SEATEX Beige.txt	0.5	0.12	0.823	0.823	0.076	0.261	0.261	0.512	0.512	0.317	0.32	0.551	0.551

**Hunter Douglas**

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46024	46013 SEATEX Pristine.txt	1	20	@	46013 SEATEX Pristine.txt	0.5	0.12	0.838	0.838	0.108	0.335	0.335	0.618	0.618	0.347	0.35	0.599	0.599
46025	46014 SEATEX Titanium.txt	1	20	@	46014 SEATEX Titanium.txt	0.5	0.12	0.848	0.848	0.146	0.198	0.198	0.432	0.432	0.296	0.3	0.533	0.533
46026	46015 SEATEX Anthracite.txt	1	20	@	46015 SEATEX Anthracite.txt	0.5	0.12	0.834	0.834	0.11	0.14	0.14	0.339	0.339	0.270	0.27	0.498	0.498
46027	46016 SEATEX Midnight.txt	1	20	@	46016 SEATEX Midnight.txt	0.5	0.12	0.835	0.835	0.07	0.06	0.06	0.083	0.083	0.220	0.22	0.357	0.357
46030	SN19-1223.txt	1	23	@	SN19-1223.txt	0.3	0.12	0.751	0.734	0.111	0.291	0.291	0.207	0.435	0.355	0.35	0.299	0.441
46031	SN19-1218.txt	1	23	@	SN19-1218.txt	0.3	0.12	0.739	0.724	0.11	0.436	0.436	0.432	0.486	0.449	0.45	0.456	0.476
46032	SN17-1215.txt	1	23	@	SN17-1215.txt	0.3	0.12	0.737	0.761	0.119	0.232	0.232	0.143	0.355	0.301	0.30	0.196	0.352
46033	SN17-1210.txt	1	23	@	SN17-1210.txt	0.3	0.12	0.733	0.737	0.124	0.422	0.422	0.441	0.474	0.453	0.45	0.459	0.459
46034	SON BO Back Fabric.txt	1	23	@	SON BO Back Fabric.txt	0.3	0.12	0.803	0.803	0	6E-05	6E-05	0.736	0.736	0.0003	0.0003	0.725	0.725
46035	SON POD Pap Back Fabric.txt	1	23	@	SON POD Pap Back Fabric.txt	0.2	0.12	0.668	0.668	0.15	0.502	0.502	0.003	0.003	0.500	0.50	0.004	0.003
46036	SN01-2 Room.txt	1	25	@	SN01-2 Room.txt	0.3	0.12	0.751	0.75	0.104	0.470	0.470	0.53	0.515	0.474	0.47	0.505	0.491
46037	SN01-2 Street.txt	1	25	@	SN01-2 Street.txt	0.2	0.12	0.703	0.754	0.112	0.499	0.499	0.498	0.494	0.505	0.51	0.48	0.477
46038	SN02-2 Room.txt	1	25	@	SN02-2 Room.txt	0.3	0.12	0.771	0.765	0.081	0.473	0.473	0.527	0.504	0.476	0.48	0.503	0.480
46039	SN02-2 Street.txt	1	25	@	SN02-2 Street.txt	0.2	0.12	0.763	0.752	0.053	0.001	0.001	0.829	0.776	0.002	0.002	0.801	0.772
46040	SN07-2 Room.txt	1	25	@	SN07-2 Room.txt	0.3	0.12	0.767	0.768	0.075	0.35	0.35	0.327	0.503	0.372	0.37	0.353	0.487
46041	SN07-2 Street.txt	1	25	@	SN07-2 Street.txt	0.2	0.12	0.689	0.688	0.122	0.511	0.511	0.489	0.478	0.51	0.51	0.478	0.467

**Hunter Douglas**

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46042	SN08-2 Room.txt	1	25	@	SN08-2 Room.txt	0.3	0.12	0.76	0.773	0.079	0.348	0.348	0.324	0.529	0.372	0.37	0.348	0.507
46043	SN08-2 Street.txt	1	25	@	SN08-2 Street.txt	0.2	0.12	0.719	0.763	0.063	0.0009	0.0009	0.827	0.773	0.002	0.002	0.799	0.765
46044	SN13-2 Room.txt	1	25	@	SN13-2 Room.txt	0.3	0.12	0.751	0.787	0.073	0.364	0.364	0.313	0.475	0.418	0.42	0.387	0.476
46045	SN13-2 Street.txt	1	25	@	SN13-2 Street.txt	0.2	0.12	0.714	0.711	0.122	0.504	0.504	0.496	0.493	0.504	0.50	0.484	0.480
46046	SN14-2 Room.txt	1	25	@	SN14-2 Room.txt	0.3	0.12	0.748	0.746	0.098	0.396	0.396	0.318	0.436	0.449	0.45	0.392	0.443
46047	SN14-2 Street.txt	1	25	@	SN14-2 Street.txt	0.2	0.12	0.757	0.746	0.051	0.001	0.001	0.826	0.776	0.002	0.002	0.797	0.771
46048	SN17-2 Room.txt	1	25	@	SN17-2 Room.txt	0.3	0.12	0.781	0.775	0.076	0.393	0.393	0.166	0.355	0.445	0.44	0.223	0.355
46049	SN17-2 Street.txt	1	25	@	SN17-2 Street.txt	0.2	0.12	0.709	0.705	0.133	0.499	0.499	0.501	0.485	0.509	0.51	0.477	0.464
46050	SN18-2 Room.txt	1	25	@	SN18-2 Room.txt	0.3	0.12	0.778	0.763	0.096	0.244	0.244	0.158	0.36	0.322	0.32	0.215	0.360
46051	SN18-2 Street.txt	1	25	@	SN18-2 Street.txt	0.3	0.12	0.825	0.781	0	0.0001	0.0001	0.758	0.805	0.0003	0.0003	0.757	0.789
46053	46053 SN01-951 Daisy White Roomside 2024.txt	1	34	@	46053 SN01-951 Daisy White Roomside 2024.txt	0.3	0.12	0.86	0.852	0	0.489	0.489	0.493	0.473	0.495	0.49	0.468	0.449
46054	46054 SN01 Streetside 2024.txt	1	34	@	46054 SN01 Streetside 2024.txt	0.2	0.12	0.689	0.695	0.156	0.509	0.509	0.462	0.473	0.515	0.51	0.440	0.450
46055	46055 SN01-749 Onyx Roomside 2024.txt	1	34	@	46055 SN01-749 Onyx Roomside 2024.txt	0.3	0.12	0.853	0.876	0	0.118	0.118	0.073	0.363	0.162	0.16	0.096	0.34
46056	46056 SN05-951 Daisy White Roomside 2024.txt	1	34	@	46056 SN05-951 Daisy White Roomside 2024.txt	0.3	0.12	0.858	0.851	0	0.427	0.427	0.559	0.551	0.433	0.43	0.518	0.516
46057	46057 SN05 Streetside 2024.txt	1	34	@	46057 SN05 Streetside 2024.txt	0.2	0.12	0.693	0.713	0.121	0.48	0.48	0.485	0.501	0.482	0.48	0.470	0.487

**Hunter Douglas**

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46058	46058 SN05-235 Creek Stone Roomside 2024.txt	1	34	@	46058 SN05-235 Creek Stone Roomside 2024.txt	0.3	0.12	0.858	0.854	0	0.309	0.309	0.231	0.481	0.339	0.34	0.263	0.461
46060	SN02- 951 Daisy White Roomside 2024.txt	1	36	@	SN02- 951 Daisy White Roomside 2024.txt	0.3	0.12	0.753	0.768	0.096	0.485	0.485	0.515	0.489	0.489	0.49	0.492	0.468
46061	SN02- Streetside 2024.txt	1	36	@	SN02- Streetside 2024.txt	0.2	0.12	0.852	0.857	0	0	0	0.769	0.791	0	0	0.773	0.784
46062	SN02- 749 Black Onyx Roomside 2024.txt	1	36	@	SN02- 749 Black Onyx Roomside 2024.txt	0.3	0.12	0.707	0.78	0.086	0.105	0.105	0.076	0.378	0.148	0.15	0.096	0.358
46063	SN06- 951 Daisy White Roomside 2024.txt	1	36	@	SN06- 951 Daisy White Roomside 2024.txt	0.3	0.12	0.77	0.778	0.076	0.427	0.427	0.573	0.566	0.431	0.43	0.537	0.538
46064	SN06- Streetside.txt	1	36	@	SN06- Streetside.txt	0.2	0.12	0.791	0.798	0	0	0	0.77	0.774	0	0	0.78	0.765
46065	SN06- 235 Stone Creek Roomside 2024.txt	1	36	@	SN06- 235 Stone Creek Roomside 2024.txt	0.3	0.12	0.781	0.788	0.072	0.314	0.314	0.22	0.472	0.345	0.34	0.256	0.457

**Hunter Douglas Australia**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
41100	Elan BO-Daisy White Layer 1.txt	1	20		Elan BO-Daisy White Layer 1.txt	0.1	0.12	0.696	0.083	0	9E-05	9E-05	0.873	0.789	0.0001	0.0001	0.895	0.799
41101	Elan BO-Daisy White Layer 2.txt	1	20		Elan BO-Daisy White Layer 2.txt	0.1	0.12	0.696	0.696	0	0.539	0.539	0.432	0.431	0.548	0.55	0.410	0.406
41102	Elan Trans-Daisy White Layer 1.txt	1	20		Elan Trans-Daisy White Layer 1.txt	0.1	0.12	0.508	0.503	0.169	0.562	0.562	0.424	0.413	0.569	0.57	0.400	0.390
41103	Elan Trans-Daisy White Layer 2.txt	1	20		Elan Trans-Daisy White Layer 2.txt	0.1	0.12	0.508	0.503	0	0.516	0.516	0.446	0.461	0.52	0.52	0.435	0.45
41104	Harlem-Popcorn.txt	1	20		Harlem-Popcorn.txt	0.3	0.12	0.795	0.054	0	0	0	0.749	0.893	0	0	0.737	0.902

**Hunter Douglas Australia**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
41105	Harlem-White Feather.txt	1	20		Harlem-White Feather.txt	0.3	0.12	0.477	0.477	0.179	0.499	0.499	0.483	0.474	0.516	0.52	0.447	0.448
41106	Original-Pierre Translucent Mesh Layer.txt	1	20		Original-Pierre Translucent Mesh Layer.txt	0.3	0.12	0.354	0.354	0.595	0.891	0.891	0.098	0.098	0.9	0.9	0.087	0.087
41107	Original-Pierre Translucent Translucent Layer.txt	1	20		Original-Pierre Translucent Translucent Layer.txt	0.3	0.12	0.742	0.752	0.101	0.297	0.297	0.312	0.449	0.329	0.33	0.331	0.443
41108	Original-Pierre BO.txt	1	20		Original-Pierre BO.txt	0.3	0.12	0.712	0.748	0	0	0	0.427	0.740	0	0	0.456	0.745
41109	Satin-Concrete Layer 1 (Brown).txt	1	20		Satin-Concrete Layer 1 (Brown).txt	0.3	0.12	0.738	0.694	0.099	0.336	0.336	0.186	0.363	0.386	0.39	0.221	0.36
41110	Satin-Concrete Layer 2 (White).txt	1	20		Satin-Concrete Layer 2 (White).txt	0.3	0.12	0.722	0.711	0	7E-05	7E-05	0.772	0.713	0.0001	0.0001	0.772	0.724
41111	Satin-Concrete Layer 3 (Mesh).txt	1	20		Satin-Concrete Layer 3 (Mesh).txt	0.3	0.12	0.346	0.346	0.58	0.88	0.88	0.1	0.1	0.889	0.89	0.089	0.089
41112	Standard-White Mesh Layer.txt	1	20		Standard-White Mesh Layer.txt	0.3	0.12	0.375	0.375	0.545	0.774	0.774	0.213	0.213	0.773	0.77	0.207	0.207
41113	Standard-White Translucent Layer.txt	1	20		Standard-White Translucent Layer.txt	0.3	0.12	0.58	0.647	0.1	0.25	0.25	0.75	0.743	0.246	0.25	0.724	0.719
41114	Aluminium-Brilliant White.txt	1	20		Aluminium-Brilliant White.txt	0.2	160	0.823	0.823	0	0	0	0.78	0.78	0	0	0.700	0.700
41115	PolySatin-White.txt	1	20		PolySatin-White.txt	2	0.17	0.705	0.705	0	0	0	0.974	0.974	0	0	0.905	0.905
41116	PVC-Coachwood.txt	1	20		PVC-Coachwood.txt	3.2	0.17	0.687	0.687	0	0	0	0.139	0.139	0	0	0.206	0.206
41117	PVC-Snow White.txt	1	20		PVC-Snow White.txt	3.2	0.17	0.707	0.707	0	0	0	0.839	0.839	0	0	0.791	0.791
41118	Timber-Chocolate.txt	1	20		Timber-Chocolate.txt	3	0.14	0.757	0.757	0	0	0	0.037	0.037	0	0	0.04	0.04

**Hunter Douglas Australia**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
41119	Timber-Snow White.txt	1	20		Timber-Snow White.txt	3	0.14	0.723	0.723	0	0	0	0.843	0.843	0	0	0.742	0.742
41120	Trinidad-Anvil grey side.txt	1	20		Trinidad-Anvil grey side.txt	3	160	0.833	0.833	0	0	0	0.086	0.086	0	0	0.176	0.176
41121	Trinidad-Anvil white side.txt	1	20		Trinidad-Anvil white side.txt	3	160	0.833	0.833	0	0	0	0.795	0.795	0	0	0.728	0.728
41122	Trinidad-White.txt	1	20		Trinidad-White.txt	3	160	0.822	0.822	0	0	0	0.817	0.817	0	0	0.741	0.741
41123	Techno Sombra 855.txt	1	22		Techno Sombra 855.txt	0.6	0.12	0.696	0.715	0	0	0	0.892	0.224	0	0	0.876	0.611
41124	Originale White Sand Blade.txt	1	28		Originale White Sand Blade.txt	0.5	0.12	0.765	0.708	0	0	0	0.766	0.806	0	0	0.764	0.794
41125	Bon Soir White Sand Blade.txt	1	28		Bon Soir White Sand Blade.txt	0.5	0.12	0.757	0.757	0	0	0	0.532	0.470	0	0	0.511	0.476

**Intigral**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
32000	Intigral Alabaster	1	23	#	Intigral Alabaster	0.2	160	0.78	0.78	0	0	0	0.716	0.716	0	0	0.673	0.673
32001	Intigral White Satin	1	23	#	Intigral White Satin	0.2	160	0.76	0.76	0	0	0	0.741	0.741	0	0	0.686	0.686
32002	Intigral Tan	1	23	#	Intigral Tan	0.2	160	0.77	0.77	0	0	0	0.34	0.34	0	0	0.347	0.347

**Levolor**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
31020	CS06_whitevinyl.txt	1	22	@	CS06_whitevinyl.txt	0.2	0.12	0.706	0.558	0.0405	0.002	0.002	0.763	0.758	0.003	0.003	0.756	0.766
31021	CS06_glueline.txt	1	22	@	CS06_glueline.txt	0.2	0.12	0.543	0.498	0.0783	0.001	0.001	0.740	0.741	0.001	0.001	0.734	0.751
31022	CS05_whitefront.txt	1	22	@	CS05_whitefront.txt	0.2	0.12	0.81	0.57	0	0	0	0.760	0.735	0	0	0.756	0.727

**Levolor**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
31023	CS05_glueline.txt	1	22	@	CS05_glueline.txt	0.2	0.12	0.501	0.495	0.0433	0.0002	0.0002	0.723	0.829	0.0003	0.0003	0.720	0.834
31024	CS04_whitefabric.txt	1	22	@	CS04_whitefabric.txt	0.2	0.12	0.673	0.739	0.0810	0.396	0.396	0.602	0.603	0.395	0.39	0.582	0.582
31025	CS04_glueline.txt	1	22	@	CS04_glueline.txt	0.2	0.12	0.709	0.735	0.0700	0.301	0.301	0.684	0.692	0.299	0.3	0.663	0.669
31026	CS03_White.txt	1	22	@	CS03_White.txt	0.2	0.12	0.693	0.687	0.109	0.447	0.447	0.544	0.549	0.445	0.45	0.524	0.529
31027	CS03_glueline.txt	1	22	@	CS03_glueline.txt	0.2	0.12	0.777	0.782	0.0002	0.269	0.269	0.712	0.689	0.267	0.27	0.687	0.665
31028	CS02_WhiteBack.txt	1	22	@	CS02_WhiteBack.txt	0.2	0.12	0.670	0.692	0.1103	0.515	0.515	0.482	0.483	0.509	0.51	0.469	0.469
31029	CS02_glueline.txt	1	22	@	CS02_glueline.txt	0.2	0.12	0.704	0.658	0.1397	0.416	0.416	0.512	0.535	0.419	0.42	0.496	0.521
31030	CS02_frontsheerfabric.txt	1	22	@	CS02_frontsheerfabric.txt	0.2	0.12	0.646	0.66	0.2307	0.551	0.551	0.4	0.395	0.561	0.56	0.39	0.384
31031	CS01_glueline.txt	1	22	@	CS01_glueline.txt	0.2	0.12	0.753	0.779	0.0623	0.296	0.296	0.451	0.476	0.322	0.32	0.436	0.461
31032	CS01_brownfabric.txt	1	22	@	CS01_brownfabric.txt	0.2	0.12	0.697	0.679	0.1552	0.378	0.378	0.149	0.309	0.442	0.44	0.182	0.305
36000	C9CL Spunbond Polyester.txt	1	22	@	C9CL Spunbond Polyester.txt	0.2	0.12	0.629	0.629	0.198	0.616	0.616	0.384	0.384	0.628	0.63	0.363	0.363
36001	C9CR Spunbond metallized white laminate.txt	1	22	@	C9CR Spunbond metallized white laminate.txt	0.2	0.12	0.583	0.811	0	0.0004	0.0004	0.784	0.781	0.0008	0.0008	0.773	0.766
36002	C9DL Spunlace 18 mil nonwoven polyester.txt	1	22	@	C9DL Spunlace 18 mil nonwoven polyester.txt	0.4	0.12	0.65	0.65	0.114	0.42	0.42	0.580	0.580	0.419	0.42	0.559	0.559
36003	C9DR Spunlace 18 mil nonwoven polyester.txt	1	22	@	C9DR Spunlace 18 mil nonwoven polyester.txt	0.5	0.12	0.565	0.759	0	4E-05	4E-05	0.811	0.782	0.0002	0.0002	0.806	0.765
36004	C9DE Spunlace 18 mil nonwoven polyester.txt	1	22	@	C9DE Spunlace 18 mil nonwoven polyester.txt	0.4	0.12	0.752	0.735	0.457	0.451	0.451	0.547	0.529	0.447	0.45	0.53	0.513

**Levolor**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
36005	C9DL Spunlace 10 mil nonwoven polyester.txt	1	22	@	C9DL Spunlace 10 mil nonwoven polyester.txt	0.3	0.12	0.612	0.627	0.125	0.418	0.418	0.57	0.57	0.417	0.42	0.552	0.552
36006	C9DR Spunlace 10 mil nonwoven polyester.txt	1	22	@	C9DR Spunlace 10 mil nonwoven polyester.txt	0.3	0.12	0.536	0.786	0	0.0001	0.0001	0.814	0.782	0.0001	0.0001	0.814	0.775
36007	C9DE Spunlace 10 mil nonwoven polyester.txt	1	22	@	C9DE Spunlace 10 mil nonwoven polyester.txt	0.3	0.12	0.746	0.736	0	0.408	0.408	0.591	0.593	0.404	0.40	0.571	0.574
36008	C9X Polyester woven fabric.txt	1	22	@	C9X Polyester woven fabric.txt	0.3	0.12	0.729	0.729	0.142	0.474	0.474	0.517	0.517	0.476	0.48	0.492	0.492
36009	C9L Polyester woven fabric.txt	1	22	@	C9L Polyester woven fabric.txt	0.4	0.12	0.595	0.595	0.263	0.595	0.595	0.393	0.393	0.596	0.6	0.383	0.383
36010	C9S Polyester woven fabric.txt	1	22	@	C9S Polyester woven fabric.txt	0.5	0.12	0.612	0.612	0.172	0.419	0.419	0.577	0.577	0.414	0.41	0.559	0.559
36011	C9H Polyester woven fabric.txt	1	22	@	C9H Polyester woven fabric.txt	0.4	0.12	0.718	0.718	0.108	0.464	0.464	0.536	0.536	0.461	0.46	0.511	0.511
36012	C9B Polyester woven fabric.txt	1	22	@	C9B Polyester woven fabric.txt	0.4	0.12	0.705	0.673	0.129	0.398	0.398	0.601	0.601	0.391	0.39	0.571	0.571
36013	C9R Polyester knitted fabric.txt	1	22	@	C9R Polyester knitted fabric.txt	0.3	0.12	0.898	0.83	0	0.627	0.627	0.373	0.349	0.634	0.63	0.353	0.332

**Mid South Window Fashions**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
43600	Lakeland.txt	1	35	@	Lakeland.txt	11	0.17	0.8	0.8	0	0	0	0.881	0.881	0	0	0.802	0.802

**Norman International Inc.**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
60000	NM_42_SBNW_C7001_Bright_White.txt	1	30		NM_42_SBNW_C7001_Bright_White.txt	0.2	0.15	0.621	0.627	0.222	0.660	0.660	0.322	0.322	0.662	0.66	0.317	0.317

**Norman International Inc.**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
60001	NM_42_SBNW_C7002_Marshmallow.txt	1	30		NM_42_SBNW_C7002_Marshmallow.txt	0.2	0.15	0.657	0.652	0.218	0.539	0.539	0.445	0.445	0.568	0.57	0.402	0.402
60002	NM_42_SBNW_C7003_Ivory.txt	1	30		NM_42_SBNW_C7003_Ivory.txt	0.2	0.15	0.669	0.692	0.191	0.45	0.45	0.453	0.453	0.495	0.49	0.435	0.435
60003	NM_42_SBNW_C7005_Adobe_Sand.txt	1	30		NM_42_SBNW_C7005_Adobe_Sand.txt	0.2	0.15	0.648	0.676	0.21	0.500	0.500	0.384	0.384	0.55	0.55	0.382	0.382
60004	NM_42_SBNW_C7106_Mica.txt	1	30		NM_42_SBNW_C7106_Mica.txt	0.2	0.15	0.674	0.715	0.17	0.369	0.369	0.252	0.252	0.437	0.44	0.289	0.289
60005	NM_42_SBNW_C7116_Misty_Gray.txt	1	30		NM_42_SBNW_C7116_Misty_Gray.txt	0.2	0.15	0.69	0.687	0.186	0.49	0.49	0.374	0.374	0.543	0.54	0.376	0.376
60006	NM_42_SBNW_C7202_Graphite.txt	1	30		NM_42_SBNW_C7202_Graphite.txt	0.2	0.15	0.71	0.708	0.161	0.322	0.322	0.128	0.128	0.369	0.37	0.146	0.146
60007	NM_42_SBNW_C7411_Café_Latte.txt	1	30		NM_42_SBNW_C7411_Café_Latte.txt	0.2	0.15	0.673	0.671	0.2	0.408	0.408	0.307	0.307	0.491	0.49	0.364	0.364
60008	NM_42_SBNW_C7415_Espresso.txt	1	30		NM_42_SBNW_C7415_Espresso.txt	0.2	0.15	0.692	0.715	0.173	0.310	0.310	0.129	0.129	0.354	0.35	0.143	0.143
60009	NM_42_SBNW_C7503_Sand.txt	1	30		NM_42_SBNW_C7503_Sand.txt	0.2	0.15	0.664	0.691	0.189	0.458	0.458	0.398	0.398	0.511	0.51	0.403	0.403

**ODL**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
31112	ODL White Blind	1	24	#	ODL White Blind	0.2	160	0.8	0.8	0	0	0	0.732	0.732	0	0	0.649	0.649
31114	ODL Espresso Blind	1	24	#	ODL Espresso Blind	0.2	160	0.82	0.82	0	0	0	0.083	0.083	0	0	0.081	0.081
31115	ODL Sand Blind	1	24	#	ODL Sand Blind	0.2	160	0.82	0.82	0	0	0	0.551	0.551	0	0	0.5	0.5
31116	ODL Tan Blind	1	24	#	ODL Tan Blind	0.2	160	0.82	0.82	0	0	0	0.474	0.474	0	0	0.482	0.482

**Ozroll**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
51000	Elipso Blade Black.txt	1	22		Elipso Blade Black.txt	1	160	0.799	0.799	0	0	0	0.040	0.040	0	0	0.039	0.039
51001	Elipso Blade Surf Mist.txt	1	22		Elipso Blade Surf Mist.txt	1	160	0.813	0.813	0	0	0	0.698	0.698	0	0	0.569	0.569
51002	Elipso Blade White.txt	1	22		Elipso Blade White.txt	1	160	0.775	0.775	0	0	0	0.917	0.917	0	0	0.815	0.815
51003	Elipso Blade Wood Grain.txt	1	22		Elipso Blade Wood Grain.txt	1	160	0.819	0.819	0	0	0	0.323	0.323	0	0	0.441	0.441
51004	Inspire Blade White.txt	1	22		Inspire Blade White.txt	1	160	0.678	0.678	0	0	0	0.89	0.89	0	0	0.813	0.813
51005	Residential Curved Black.txt	1	22		Residential Curved Black.txt	1	160	0.697	0.884	0	0	0	0.052	0.052	0	0	0.14	0.144
51006	Residential Curved Grey.txt	1	22		Residential Curved Grey.txt	1	160	0.729	0.891	0	0	0	0.456	0.478	0	0	0.477	0.500
51007	Residential Curved White.txt	1	22		Residential Curved White.txt	1	160	0.672	0.876	0	0	0	0.824	0.866	0	0	0.720	0.756
51008	Sentry Fireshield White.txt	1	22		Sentry Fireshield White.txt	1	160	0.745	0.885	0	0	0	0.798	0.858	0	0	0.689	0.739
51009	Storm Shield White.txt	1	22		Storm Shield White.txt	1	160	0.69	0.888	0	0	0	0.812	0.861	0	0	0.714	0.757
51010	AR 400-Cream 108.txt	1	26		AR 400-Cream 108.txt	1	160	0.827	0.827	0	0	0	0.666	0.666	0	0	0.643	0.643
51011	AR 400-Sand 111.txt	1	26		AR 400-Sand 111.txt	1	160	0.84	0.84	0	0	0	0.53	0.53	0	0	0.562	0.562
51012	AR 400-Woodland Grey 119.txt	1	26		AR 400-Woodland Grey 119.txt	1	160	0.84	0.84	0	0	0	0.133	0.133	0	0	0.222	0.222
51013	AR 400-Monument 120.txt	1	26		AR 400-Monument 120.txt	1	160	0.843	0.843	0	0	0	0.081	0.081	0	0	0.166	0.166

**Pella**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	εf	εb	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
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**Pella**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
31100	White Venetian Blind Slat (white.txt)	1	19	#	White Venetian Blind Slat (white.txt)	0.1	160	0.9	0.9	0	0	0	0.743	0.743	0	0	0.677	0.677
31107	Marine Venetian Blind Slat (marine.txt)	1	19	#	Marine Venetian Blind Slat (marine.txt)	0.1	160	0.9	0.9	0	0	0	0.073	0.073	0	0	0.186	0.186

**Polytronix**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
54000	7/16" Polyvision Laminate, open/clear	1	31	#	7/16" Polyvision Laminate, open/clear	12	0.672	0.84	0.84	0	0.052	0.056	0.010	0.013	0.029	0.03	0.007	0.007
54001	7/16" Polyvision Laminate, closed/diffuse	1	31	#	7/16" Polyvision Laminate, closed/diffuse	12	0.672	0.84	0.84	0	0.550	0.574	0.133	0.153	0.380	0.39	0.066	0.075
54002	9/16" Polyvision Laminate, open/clear	1	31	#	9/16" Polyvision Laminate, open/clear	14	0.706	0.84	0.84	0	0.045	0.047	0.007	0.010	0.024	0.02	0.004	0.005
54003	9/16" Polyvision Laminate, closed/diffuse	1	31	#	9/16" Polyvision Laminate, closed/diffuse	14	0.706	0.84	0.84	0	0.524	0.541	0.120	0.146	0.358	0.37	0.058	0.071

**Polywood Fabrication, LLC**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
56000	SunburstWhite.txt	1	34.1	@	SunburstWhite.txt	10	0.17	0.78	0.78	0	0	0	0.865	0.865	0	0	0.798	0.798

**ScreenLine**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
35000	SL_S102_white.txt	1	19	#	SL_S102_white.txt	0.2	160	0.807	0.807	0	0	0	0.766	0.766	0	0	0.710	0.710
35001	SL_S106_yellow.txt	1	19	#	SL_S106_yellow.txt	0.2	160	0.796	0.796	0	0	0	0.713	0.713	0	0	0.666	0.666

**ScreenLine**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
35002	SL_S125_dark_cream.txt	1	19	#	SL_S125_dark_cream.txt	0.2	160	0.8	0.8	0	0	0	0.621	0.621	0	0	0.583	0.583
35003	SL_S130_green.txt	1	19	#	SL_S130_green.txt	0.2	160	0.806	0.806	0	0	0	0.655	0.655	0	0	0.603	0.603
35004	SL_S142_light_blue.txt	1	19	#	SL_S142_light_blue.txt	0.2	160	0.811	0.811	0	0	0	0.718	0.718	0	0	0.678	0.678
35005	SL_S149_cream.txt	1	19	#	SL_S149_cream.txt	0.2	160	0.817	0.817	0	0	0	0.745	0.745	0	0	0.706	0.706
35006	SL_S155_matt_grey.txt	1	19	#	SL_S155_matt_grey.txt	0.2	160	0.82	0.82	0	0	0	0.475	0.475	0	0	0.399	0.399
35007	SL_S157_satin_silver.txt	1	19	#	SL_S157_satin_silver.txt	0.2	160	0.62	0.62	0	0	0	0.670	0.670	0	0	0.674	0.674
35008	SL_S156_glittery_silver.txt	1	19	#	SL_S156_glittery_silver.txt	0.2	160	0.581	0.581	0	0	0	0.615	0.615	0	0	0.658	0.658
35009	SL_Vanity_C000_white.txt	1	19	#	SL_Vanity_C000_white.txt	0.2	0.3	0.854	0.855	0.031	0.556	0.556	0.444	0.444	0.561	0.56	0.423	0.423
35010	SL_Vanity_C010_cream.txt	1	19	#	SL_Vanity_C010_cream.txt	0.2	0.3	0.864	0.867	0.028	0.522	0.522	0.471	0.471	0.521	0.52	0.444	0.444

**Shucheng Energy Saving Technology**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
48000	SCES_white.txt	1	19	#	SCES_white.txt	0.2	160	0.78	0.78	0	0	0	0.788	0.788	0	0	0.702	0.702

**Springs Window Fashions**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	T <sub>ir</sub>	T <sub>visF</sub>	T <sub>visB</sub>	R <sub>visF</sub>	R <sub>visB</sub>	T <sub>solF</sub>	T <sub>solB</sub>	R <sub>solF</sub>	R <sub>solB</sub>
43100	Splendor-WhisperWhite.txt	1	29	@	Splendor-WhisperWhite.txt	0.3	0.2	0.8	0.8	0	0.441	0.441	0.559	0.559	0.442	0.44	0.547	0.547
43101	Splendor-TimberwolfGray.txt	1	29	@	Splendor-TimberwolfGray.txt	0.3	0.2	0.677	0.677	0.0906	0.279	0.279	0.242	0.524	0.313	0.31	0.286	0.516
43102	Splendor-GrayFedora.txt	1	29	@	Splendor-GrayFedora.txt	0.3	0.2	0.838	0.838	0.0567	0.120	0.120	0.069	0.487	0.134	0.13	0.076	0.473

**Springs Window Fashions**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
43103	Splendor-Glueline.txt	1	29	@	Splendor-Glueline.txt	0.3	0.2	0.89	0.89	0	0.306	0.306	0.694	0.694	0.307	0.31	0.673	0.673
43104	Sanctuary-WhisperWhite.txt	1	29	@	Sanctuary-WhisperWhite.txt	0.3	0.2	0.690	0.690	0.1113	0.0009	0.0009	0.758	0.758	0.002	0.002	0.757	0.757
43105	Sanctuary-Glueline.txt	1	29	@	Sanctuary-Glueline.txt	0.3	0.2	0.75	0.75	0.0894	0.002	0.002	0.730	0.730	0.003	0.003	0.733	0.733

**Sunset Windows and Doors LLC**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
41000	SunsetWhite.txt	1	19	#	SunsetWhite.txt	0.2	120	0.9	0.9	0	0	0	0.805	0.805	0	0	0.703	0.703

**Trinity Glass International**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
54100	Switch PDLC, open/clear	1	32	#	Switch PDLC, open/clear	7.9	0.740	0.84	0.84	0	0.049	0.039	0.006	0.005	0.028	0.02	0.004	0.003
54101	Switch PDLC, closed/diffuse	1	32	#	Switch PDLC, closed/diffuse	7.9	0.740	0.84	0.84	0	0.688	0.686	0.085	0.085	0.464	0.46	0.046	0.047

**UBLOCKOUT**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
43500	Winter White.txt	1	38	@	Winter White.txt	0.3	0.15	0.862	0.806	0	0	0	0.825	0.825	0	0	0.665	0.665
43501	Ivory Cream.txt	1	38	@	Ivory Cream.txt	0.3	0.15	0.845	0.877	0	0	0	0.789	0.789	0	0	0.634	0.634
43502	Silver Grey.txt	1	38	@	Silver Grey.txt	0.3	0.15	0.873	0.854	0	0	0	0.569	0.569	0	0	0.468	0.468
43503	Slate Charcoal-White.txt	1	38	@	Slate Charcoal-White.txt	0.3	0.15	0.846	0.87	0	0	0	0.794	0.161	0	0	0.627	0.142
43504	Midnight Black-White.txt	1	38	@	Midnight Black-White.txt	0.3	0.15	0.844	0.883	0	0	0	0.799	0.047	0	0	0.632	0.045

**Vitro formerly PPG**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
55000	PAVIA acid etch (back) on Clear 3mm	1	33	#	PAVIA acid etch (back) on Clear 3mm	3	1	0.84	0.886	0	0.734	0.860	0.112	0.075	0.676	0.79	0.079	0.065
55001	PAVIA acid etch (back) on Clear 6mm	1	33	#	PAVIA acid etch (back) on Clear 6mm	5.9	1	0.84	0.875	0	0.691	0.838	0.093	0.069	0.597	0.72	0.06	0.056
55002	PAVIA acid etch (back) on Clear 10mm	1	33	#	PAVIA acid etch (back) on Clear 10mm	9.8	1	0.84	0.86	0	0.644	0.813	0.085	0.065	0.505	0.63	0.048	0.05
55003	PAVIA acid etch (back) on Clear 12mm	1	33	#	PAVIA acid etch (back) on Clear 12mm	13	1	0.84	0.856	0	0.624	0.788	0.077	0.063	0.470	0.59	0.040	0.047
55004	PAVIA acid etch (back) on STARPHIRE 6mm	1	33	#	PAVIA acid etch (back) on STARPHIRE 6mm	5.7	1	0.84	0.876	0	0.722	0.873	0.119	0.075	0.711	0.85	0.103	0.071
55005	PAVIA acid etch (back) on STARPHIRE 10mm	1	33	#	PAVIA acid etch (back) on STARPHIRE 10mm	9.5	1	0.84	0.861	0	0.713	0.87	0.095	0.069	0.697	0.84	0.080	0.065
55006	PAVIA acid etch (back) on STARPHIRE 12mm	1	33	#	PAVIA acid etch (back) on STARPHIRE 12mm	12	1	0.84	0.859	0	0.678	0.867	0.112	0.07	0.655	0.83	0.095	0.064
55010	PAVIA acid etch (front) on Clear 3mm	1	33	#	PAVIA acid etch (front) on Clear 3mm	3	1	0.886	0.84	0	0.860	0.734	0.075	0.112	0.793	0.68	0.065	0.079
55011	PAVIA acid etch (front) on Clear 6mm	1	33	#	PAVIA acid etch (front) on Clear 6mm	5.9	1	0.875	0.84	0	0.838	0.691	0.069	0.093	0.72	0.6	0.056	0.06
55012	PAVIA acid etch (front) on Clear 10mm	1	33	#	PAVIA acid etch (front) on Clear 10mm	9.8	1	0.86	0.84	0	0.813	0.644	0.065	0.085	0.633	0.51	0.05	0.048
55013	PAVIA acid etch (front) on Clear 12mm	1	33	#	PAVIA acid etch (front) on Clear 12mm	13	1	0.856	0.84	0	0.788	0.624	0.063	0.077	0.588	0.47	0.047	0.040
55014	PAVIA acid etch (front) on STARPHIRE 6mm	1	33	#	PAVIA acid etch (front) on STARPHIRE 6mm	5.7	1	0.876	0.84	0	0.873	0.722	0.075	0.119	0.853	0.71	0.071	0.103

**Vitro formerly PPG**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
55015	PAVIA acid etch (front) on STARPHIRE 10mm	1	33	#	PAVIA acid etch (front) on STARPHIRE 10mm	9.5	1	0.861	0.84	0	0.87	0.713	0.069	0.095	0.840	0.7	0.065	0.080
55016	PAVIA acid etch (front) on STARPHIRE 12mm	1	33	#	PAVIA acid etch (front) on STARPHIRE 12mm	12	1	0.859	0.84	0	0.867	0.678	0.07	0.112	0.827	0.65	0.064	0.095
55020	SPANDRELITE Black (back) 6mm	1	33	#	SPANDRELITE Black (back) 6mm	5.8	1	0.84	0.836	0	3E-09	5E-09	0.003	0.015	0.0006	0.0006	0.008	0.026
55021	SPANDRELITE Gray (back) 6mm	1	33	#	SPANDRELITE Gray (back) 6mm	5.9	1	0.84	0.834	0	4E-09	9E-09	0.181	0.238	0.011	0.01	0.140	0.258
55022	SPANDRELITE White (back) 6mm	1	33	#	SPANDRELITE White (back) 6mm	5.8	1	0.84	0.829	0	0.09	0.089	0.551	0.753	0.114	0.11	0.365	0.649

**Walker Glass**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
55800	Opaque (1) Clear 6mm	1	34	#	Opaque (1) Clear 6mm	5.6	1	0.86	0.84	0	0.802	0.765	0.067	0.032	0.683	0.65	0.058	0.021
55801	Opaque (1) STARPHIRE 6mm	1	34	#	Opaque (1) STARPHIRE 6mm	5.8	1	0.857	0.84	0	0.817	0.788	0.068	0.034	0.789	0.76	0.065	0.030
55802	Velour (1) Clear 6mm	1	34	#	Velour (1) Clear 6mm	5.7	1	0.858	0.84	0	0.797	0.755	0.067	0.035	0.693	0.66	0.059	0.023
55803	Velour (1) STARPHIRE 6mm	1	34	#	Velour (1) STARPHIRE 6mm	5.7	1	0.858	0.84	0	0.810	0.778	0.070	0.036	0.796	0.77	0.068	0.032
55804	Satin (1) Clear 6mm	1	34	#	Satin (1) Clear 6mm	5.4	1	0.85	0.84	0	0.568	0.573	0.051	0.031	0.496	0.50	0.046	0.023
55805	Satin (1) STARPHIRE 6mm	1	34	#	Satin (1) STARPHIRE 6mm	5.6	1	0.85	0.84	0	0.576	0.582	0.051	0.034	0.566	0.57	0.050	0.033
55810	Opaque (2) Clear 6mm	1	34	#	Opaque (2) Clear 6mm	5.6	1	0.84	0.86	0	0.765	0.802	0.032	0.067	0.653	0.68	0.021	0.058
55811	Opaque (2) STARPHIRE 6mm	1	34	#	Opaque (2) STARPHIRE 6mm	5.8	1	0.84	0.857	0	0.788	0.817	0.034	0.068	0.764	0.79	0.030	0.065

**Walker Glass**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
55812	Velour (2) Clear 6mm	1	34	#	Velour (2) Clear 6mm	5.7	1	0.84	0.858	0	0.755	0.797	0.035	0.067	0.662	0.69	0.023	0.059
55813	Velour (2) STARPHIRE 6mm	1	34	#	Velour (2) STARPHIRE 6mm	5.7	1	0.84	0.858	0	0.778	0.810	0.036	0.070	0.771	0.8	0.032	0.068
55814	Satin (2) Clear 6mm	1	34	#	Satin (2) Clear 6mm	5.4	1	0.84	0.85	0	0.573	0.568	0.031	0.051	0.500	0.5	0.023	0.046
55815	Satin (2) STARPHIRE 6mm	1	34	#	Satin (2) STARPHIRE 6mm	5.6	1	0.84	0.85	0	0.582	0.576	0.034	0.051	0.571	0.57	0.033	0.050

**WINDAT**

ID	Name	SpecDat	DB Ver #	Cert	Input Filename	t (mm)	k (W/m-k)	$\epsilon_f$	$\epsilon_b$	Tir	TvisF	TvisB	RvisF	RvisB	TsolF	TsolB	RsolF	RsolB
31000	WINDAT Internal Light Venetian Blind-Optics5.txt	1	19		WINDAT Internal Light Venetian Blind-Optics5.txt	1.5	160	0.9	0.9	0	1E-09	1E-09	0.469	0.469	1E-09	1E-09	0.544	0.544