



> VIRIDIAN GLASS GUIDE™

Glass Data

Viridian[™]
Today. Tomorrow. Together.



Performance Data Tables

Product Name	Nominal Thickness	Visible			Solar		UV Trans	U Value	SHGC	Weight kg/m ²	Selectivity
		Trans.	Refl. Out	Refl. In	Trans.	Refl.					
VLam™											
VFloat™ Grey	4	56	6	6	55	6	29	5.9	0.67	10	1.20
▲ 1	▲ 2	▲ 3	▲ 4		▲ 5	▲ 6	▲ 7	▲ 8	▲ 9		▲ 10

1. Product Name – refer to product for more information. Where (#2) appears, this identifies the glass’ coated surface that is glazed to the inside of a building or the inside of a ThermoTech™ unit.

2. Nominal Thickness – the glass thickness or the makeup of a ThermoTech™ unit. The first number is the outer glass thickness, +12mm gap, then the thickness of the inner panel of the unit. Thickness tolerances are:

3-6mm (±0.2mm) 8-12mm (±0.3mm)

15mm (±0.5mm) 19mm (±1.0mm)

3. Visible Light Transmission – percentage of visible light passing directly through the glass. The wave length range for visible light is 380 to 780nm. The higher the percentage the more daylight.

4. Visible Light Reflection – percentage of visible light reflected toward the exterior.

5. Solar Transmission – percentage of normally incident visible light and solar energy passing directly through the glazing. The wave lengths measured for solar energy is 300 to 2500nm.

6. Solar Reflection – percentage of normally incident visible light and solar energy reflected toward the exterior.

7. UV Transmission – the percentage of Ultra Violet light transmitted measured in the light range of 300–380nm. The lower the number the better.

8. U Value – Thermal Conductivity – measurement unit is watts per m2 per degree celcius (W/m²°C) and is a measure of the rate of heat gain or loss through glazing due to environmental differences between outdoor and indoor air.*

9. Solar Heat Gain Coefficient (SHGC) – the proportion of total solar radiation that is transferred through the glass at normal incidence. It comprises the direct solar transmission (5) and the part of the solar absorption dissipated inwards by radiation and convection. The lower the number the better the solar performance.*

10. Selectivity - High selective glasses, generally above **1.8** offer exceptional performance which provides some of the best energy savings through the lowest conductance (U Values) and best solar control (SHGC), high visible light transmission assists in the requirement for less artificial lighting during daylight hours.

Glass selectivity is an index that reports the relationship between visible light transmission and solar heat gain, it is measured as an index (**S = Vf/g**) with a high selectivity more preferable in modern building design.

Note: Data is based on laboratory spectrophotometric measurements and produced using Windows software for AFRC 100-2010 conditions, which is the internationally recognised method for describing glass performance. The data is glass only and care should be exercised when evaluating manufacturer’s published data that the same environmental conditions have been used.

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Glass Performance: Insulated Glazing

ThermoTech™

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon				
ThermoTech™ Clear													
VFloat™ Clear	VFloat™ Clear	4+12+4	80	15	15	69	13	51	2.6	0.75	20	1.07	
		5+12+5	79	15	15	63	12	47	2.5	0.72	25	1.10	
		6+12+6	78	15	15	62	12	44	2.5	0.71	30	1.10	
		8+12+6	77	14	14	57	11	42	2.5	0.66	35	1.17	
		10+12+6	76	14	14	54	10	39	2.5	0.64	40	1.19	
		12+12+6	75	14	14	51	10	37	5.0	0.61	45	1.23	
VLam™ Clear	VFloat™ Clear	6.38+12+6	78	15	15	58	12	<1	2.5	0.67	30.4	1.16	
ThermoTech™ Grey													
VFloat™ Light Grey	VFloat™ Clear	6+12+6	54	9	13	43	8	25	2.5	0.54	30	1.00	
VFloat™ Grey	VFloat™ Clear	4+12+4	50	8	13	46	8	24	2.6	0.55	20	0.91	
		5+12+5	42	7	12	38	7	19	2.5	0.49	25	0.86	
		6+12+6	37	7	12	33	7	15	2.5	0.45	30	0.82	
		10+12+6	23	5	12	22	5	8	2.5	0.38	40	0.61	
		12+12+6	19	5	12	20	5	7	2.5	0.34	45	0.56	
VLam™ Grey	VFloat™ Clear	6.38+12+6	37	7	12	36	7	<1	2.5	0.49	30.4	0.76	
SuperGrey	VFloat™ Clear	6+12+6	8	4	11	6	4	1	2.5	0.21	30	0.38	
ThermoTech™ Green													
VFloat™ Green	VFloat™ Clear	4+12+4	73	13	14	49	9	30	2.6	0.58	20	1.26	
		5+12+5	68	12	14	39	8	17	2.5	0.50	25	1.36	
		6+12+6	66	12	14	36	8	21	2.5	0.47	30	1.40	
		10+12+6	59	10	13	27	6	12	2.5	0.39	40	1.51	
VLam™ Green	VFloat™ Clear	6.38+12+6	63	11	14	50	9	<1	2.5	0.61	30.4	1.03	
SuperGreen	VFloat™ Clear	6+12+6	59	10	13	28	6	10	2.5	0.40	30	1.48	
VLam™ SuperGreen™	VFloat™ Clear	6.38+12+6	57	10	13	25	7	<1	2.5	0.37	30.4	1.54	

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon				
ThermoTech™ Blue													
SuperBlue	VFloat™ Clear	6+12+6	47	8	13	27	6	16	2.5	0.39	30	1.21	
		10+12+6	36	7	12	18	5	10	2.5	0.32	40	1.13	
ThermoTech™ Bronze													
VFloat™ Bronze	VFloat™ Clear	4+12+4	55	10	13	50	9	23	2.5	0.59	20	0.93	
		5+12+5	48	8	13	41	7	18	2.5	0.53	25	0.91	
		6+12+6	45	8	12	41	7	15	2.5	0.53	30	0.85	
		10+12+6	30	6	12	28	6	7	2.5	0.41	40	0.73	
VLam™ Bronze	VFloat™ Clear	6.38+12+6	46	8	13	40	8	<1	2.5	0.52	30.4	0.88	
ThermoTech™ Translucent													
VLam™ Translucent	VFloat™ Clear	6.38+12+6	60	11	14	47	9	<1	2.5	0.58	30.4	1.03	
VLam™ Translucent Grey	VFloat™ Clear	6.76+12+6	29	6	12	30	6	<1	2.5	0.43	30.8	0.67	



Glass Performance: Insulated Low E

ThermoTech™ Low E

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Refl. Out	Refl. In	Trans.	Refl.		Argon				
ThermoTech™ E Clear													
VFloat™ Clear	EnergyTech¹ Clear	4+12+4	74	18	17	57	16	41	1.6	0.71	20	1.04	
		5+12+4	74	17	17	55	15	40	1.6	0.68	22.5	1.09	
		6+12+6	73	17	16	52	15	35	1.6	0.67	30	1.09	
		8+12+6	71	17	16	48	13	34	1.6	0.62	35	1.15	
		10+12+6	70	17	16	46	13	32	1.6	0.59	40	1.19	
		12+12+6	69	16	16	44	12	30	1.6	0.57	45	1.21	
VLam™ Clear	EnergyTech¹ Clear	6.38+12+6	72	17	16	50	13	<1	1.6	0.74	30.4	0.97	
EnergyTech¹ Clear	VFloat™ Clear	4 + 12 + 4	75	17	18	57	15	41	1.6	0.64	20	1.17	
		6 + 12 + 6	73	16	17	52	14	36	1.6	0.62	30	1.18	
		8 + 12 + 6	72	16	17	52	13	36	1.6	0.62	35	1.16	
		10 + 12 + 6	71	16	17	48	12	32	1.6	0.57	40	1.25	
EnergyTech¹ Clear	EnergyTech¹ Clear	4 + 12 + 4	69	19	19	51	16	34	1.5	0.62	20	1.11	
		6 + 12 + 6	67	19	19	47	15	29	1.5	0.59	30	1.14	
		8 + 12 + 6	67	18	18	47	15	29	1.5	0.59	35	1.14	
		10 + 12 + 6	65	18	19	43	13	26	1.5	0.55	40	1.18	
EnergyTech¹ SuperClear	SuperClear	6 + 12 + 6	76	17	18	67	17	53	1.6	0.70	30	1.09	
EnergyTech¹ SuperClear	EnergyTech¹ SuperClear	6 + 12 + 6	70	19	19	60	18	47	1.5	0.67	30	1.04	
ComfortPlus¹ Clear	VFloat™ Clear	6.38+12+6	73	16	17	51	12	<1	1.6	0.60	30.4	1.22	
		8.38+12+6	72	16	17	49	12	<1	1.6	0.58	35.4	1.24	
		10.38+12+6	71	16	17	47	11	<1	1.6	0.55	40.4	1.29	
		12.38+12+6	70	16	17	45	11	<1	1.6	0.54	45.4	1.30	
ComfortPlus¹ Clear	EnergyTech¹ Clear	6.38+12+6	68	18	18	45	14	<1	1.5	0.58	30.4	1.17	
		8.38+12+6	67	18	18	43	13	<1	1.5	0.55	35.4	1.22	
		10.38+12+6	65	18	19	41	12	<1	1.5	0.52	40.4	1.25	
		12.38+12+6	65	18	18	40	12	<1	1.5	0.51	45.4	1.27	
ComfortHush¹ Clear	VFloat™ Clear	6.5+12+6	72	16	17	50	12	<1	1.6	0.59	30.5	1.22	
		10.5+12+6	71	16	17	46	11	<1	1.6	0.55	40.5	1.29	
ComfortHush¹ Clear	EnergyTech¹	6.5+12+6	67	18	18	44	14	<1	1.5	0.57	30.5	1.18	
		10.5+12+6	66	18	18	41	12	<1	1.5	0.53	40.5	1.25	
Evantage¹ Clear	VFloat™ Clear	6+12+6	61	27	29	47	20	23	1.7	0.56	30	1.09	
EVantage¹ Clear	EnergyTech¹ Clear	6+12+6	57	29	29	41	21	19	1.5	0.54	30	1.06	

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon				
ThermoTech™ Neutral													
SolTech ¹ Neutral	VFloat™ Clear	4 + 12 + 4	55	12	16	38	10	34	1.6	0.46	20	1.20	
		6 + 12 + 6	56	12	16	36	10	30	1.6	0.45	30	1.24	
		10 + 12 + 6	55	11	16	35	10	29	1.6	0.44	40	1.25	
SolTech ¹ Neutral	EnergyTech ¹ Clear	4 + 12 + 4	51	13	18	34	11	28	1.5	0.44	20	1.16	
		6 + 12 + 6	52	13	17	33	11	24	1.5	0.43	30	1.21	
		10 + 12 + 6	51	13	17	31	10	23	1.5	0.42	40	1.21	
ComfortPlus ¹ Neutral	VFloat™ Clear	6.38+12+6	52	10	16	34	9	<1	1.6	0.43	35.4	1.21	
		8.38+12+6	53	11	16	33	9	<1	1.6	0.42	30.4	1.26	
ComfortPlus ¹ Neutral	EnergyTech ¹ Clear	6.38+12+6	49	12	17	31	9	<1	1.5	0.41	30.5	1.20	
		8.38+12+6	49	12	17	30	9	<1	1.5	0.40	35.4	1.23	
ComfortHush ¹ Neutral	VFloat™ Clear	6.5+12+6	53	11	16	34	9	<1	1.6	0.43	30.5	1.23	
		10.5+12+6	53	11	16	31	8	<1	1.6	0.40	40.5	1.33	
ComfortHush ¹ Neutral	EnergyTech ¹ Clear	6.5+12+6	49	12	17	31	9	<1	1.5	0.41	30.5	1.20	
		10.5+12+6	49	12	17	28	9	<1	1.5	0.38	40.5	1.29	
ThermoTech™ Grey													
VFloat™ Light Grey	EnergyTech ¹ Clear	6+12+6	50	11	15	36	9	20	1.5	0.49	30	1.02	
EnergyTech ¹ Light Grey	VFloat™ Clear	6+12+6	51	10	15	36	9	22	1.7	0.45	30	1.13	
VFloat™ Grey	EnergyTech ¹ Clear	4+12+4	46	9	15	38	10	20	1.6	0.50	20	0.92	
		5+12+4	39	8	14	32	9	16	1.6	0.44	22.5	0.89	
		6+12+6	34	7	14	27	8	12	1.6	0.40	30	0.85	
		10+12+6	21	5	14	18	6	6	1.6	0.30	40	0.70	
		12+12+6	17	5	14	16	6	6	1.6	0.28	45	0.61	
VLam™ Grey	EnergyTech ¹ Clear	6.38+12+6	34	7	14	30	8	<1	1.6	0.44	30.4	0.77	
EnergyTech ¹ Grey	VFloat™ Clear	4 + 12 + 4	45	9	15	38	9	18	1.6	0.45	20	1.00	
		6 + 12 + 6	35	8	16	29	8	13	1.7	0.39	30	0.90	
EnergyTech ¹ Grey	EnergyTech ¹ Clear	4 + 12 + 4	42	10	17	33	10	15	1.5	0.43	20	0.98	
		6 + 12 + 6	33	8	17	26	8	10	1.5	0.36	30	0.92	
SolTech ¹ Grey	VFloat™ Clear	6 + 12 + 6	27	6	14	19	6	11	1.6	0.28	30	0.96	
SolTech ¹ Grey	EnergyTech ¹ Clear	6 + 12 + 6	25	7	16	17	7	8	1.5	0.26	30	0.96	
ComfortPlus ¹	VFloat™ Clear	6.38+12+6	35	7	15	30	8	<1	1.6	0.4	30.9	0.88	
		10.38+12+6	34	7	15	28	7	<1	1.6	0.38	40.9	0.89	
ComfortPlus ¹ Grey	EnergyTech ¹ Clear	6.38+12+6	32	8	17	27	8	<1	1.5	0.38	30.9	0.84	
		10.38+12+6	31	8	17	24	7	<1	1.5	0.36	40.9	0.86	
ComfortHush ¹ Grey	VFloat™ Clear	6.88+12+6	35	7	15	30	8	<1	1.6	0.4	30.9	0.88	
		10.88+12+6	34	7	15	28	7	<1	1.6	0.38	40.9	0.89	
ComfortHush ¹ Grey	EnergyTech ¹ Clear	6.88+12+6	32	8	17	27	8	<1	1.5	0.38	30.9	0.84	
		10.88+12+6	31	8	17	24	7	<1	1.5	0.36	40.9	0.86	

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Refl. Out	Refl. In	Trans.	Refl.		Argon				
ThermoTech™ Grey													
EVantage¹ Grey	VFloaTM Clear	6+12+6	29	10	30	24	9	8	1.7	0.33	30	0.88	
EVantage¹ Grey	EnergyTech¹ Clear	6+12+6	27	11	29	20	9	7	1.5	0.31	30	0.87	
SuperGrey	EnergyTech¹ Clear	6+12+6	7	4	13	5	4	1	1.6	0.14	30	0.50	
ThermoTech™ Green													
VFloaTM Green	EnergyTech¹ Clear	4+12+4	68	15	16	41	11	24	1.6	0.52	20	1.31	
		5+12+4	64	14	16	34	9	14	1.6	0.44	22.5	1.45	
		6+12+6	61	14	16	31	9	17	1.6	0.42	30	1.45	
		10+12+6	52	11	15	21	7	7	1.6	0.31	40	1.68	
VLamTM Green	EnergyTech¹ Clear	6.38+12+6	59	13	16	42	11	<1	1.6	0.56	30.4	1.05	
EnergyTech¹ Green	VFloaTM Clear	4 + 12 + 4	68	15	17	41	10	25	1.6	0.48	20	1.42	
EnergyTech¹ Green	EnergyTech¹ Clear	4 + 12 + 4	63	17	18	37	11	20	1.5	0.46	20	1.37	
SuperGreen	EnergyTech¹ Clear	4+12+4	61	13	15	31	8	15	1.6	0.41	20	1.49	
		5+12+4	59	12	15	28	8	12	1.6	0.38	22.5	1.55	
		6+12+6	55	12	15	24	7	8	1.6	0.34	30	1.62	
SuperGreen	EnergyTech¹ Clear	6.38+12+6	54	11	15	23	7	<1	1.6	0.33	30.4	1.64	
EVantage¹ SuperGreen	VFloaTM Clear	6+12+6	44	18	30	21	9	7	1.7	0.29	30	1.52	
EVantage¹ SuperGreen	EnergyTech¹ Clear	6+12+6	41	19	29	18	10	5	1.5	0.27	30	1.52	
EnergyTech¹ SuperGreen	VFloaTM Clear	4 + 12 + 4	61	13	17	32	8	15	1.6	0.39	20	1.56	
		6 + 12 + 6	54	11	16	24	7	10	1.6	0.32	30	1.69	
EnergyTech¹ SuperGreen	EnergyTech¹ Clear	4 + 12 + 4	57	14	18	28	9	12	1.5	0.37	20	1.54	
		6 + 12 + 6	50	13	18	22	8	8	1.5	0.3	30	1.67	
ThermoTech™ Blue													
SuperBlue	EnergyTech¹ Clear	6+12+6	43	9	15	23	7	13	1.6	0.33	30	1.30	
		10+12+6	34	7	14	16	6	8	1.6	0.25	40	1.36	
EVantage¹ SuperBlue	VFloaTM Clear	6+12+6	35	13	30	19	9	8	1.7	0.28	30	1.25	
EVantage¹ SuperBlue	EnergyTech¹ Clear	6+12+6	33	14	29	17	9	7	1.5	0.26	30	1.27	
EVantage¹ Blue-Green	VFloaTM Clear	6+12+6	51	21	30	29	12	13	1.7	0.38	30	1.34	
EVantage¹ Blue-Green	EnergyTech¹ Clear	6+12+6	47	22	29	26	13	10	1.5	0.35	30	1.34	

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Refl. Out	Refl. In	Trans.	Refl.		Argon				
ThermoTech™ Bronze													
VFloat™ Bronze	EnergyTech¹ Clear	4+12+4	51	11	15	41	11	19	1.6	0.54	20	0.94	
		5+12+4	45	9	15	35	9	15	1.6	0.47	22.5	0.96	
		6+12+6	41	8	15	34	9	12	1.6	0.48	40	0.85	
		10+12+6	28	6	14	23	7	6	1.6	0.36	40	0.78	
VLam™ Bronze	EnergyTech¹ Clear	6.38+12+6	43	9	15	34	9	<1	1.6	0.47	30.4	0.91	
EVantage¹ Bronze	VFloat™ Clear	6+12+6	32	13	29	24	11	7	1.5	0.35	30	0.91	
EVantage¹ Bronze	EnergyTech¹ Clear	6+12+6	34	13	29	28	11	9	1.7	0.37	30	0.92	
ThermoTech™ Translucent													
VLam™ Translucent	EnergyTech¹ Clear	6.38+12+6	56	12	15	40	10	<1	1.6	0.54	30.4	1.04	
VLam™ Translucent Grey	EnergyTech¹ Clear	6.76+12+6	27	6	14	25	7	<1	1.6	0.44	30.8	0.61	
ComfortHush¹ Translucent	VFloat™ Clear	6.88+12+6	52	13	18	36	10	<1	1.5	0.48	30.9	1.08	
		10.88+12+6	51	12	17	33	10	<1	1.5	0.45	40.9	1.13	



Glass Performance: LightBridge™ & LightBridge next™

LightBridge™ & LightBridge next™ Insulating Glass Units

Product Name	Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
				Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon				
LightBridge™														
Clear	VFloat™ Clear	LightBridge™	4+12+4	80	14	13	52	32	37	1.4	0.59	20	1.36	
	VFloat™ Clear	LightBridge™	5+12+5	78	12	12	48	26	33	1.4	0.56	25	1.39	
	VFloat™ Clear	LightBridge™	6+12+6	78	12	12	47	25	31	1.4	0.55	30	1.42	
	VFloat™ Clear	LightBridge™	8+12+8	76	12	12	43	21	29	1.4	0.52	35	1.46	
Light Grey	VFloat™ Light Grey	LightBridge™	5+12+5	60	9	11	37	17	21	1.4	0.44	25	1.36	
	VFloat™ Light Grey	LightBridge™	6+12+6	56	8	11	34	15	19	1.4	0.42	30	1.33	
Grey	VFloat™ Grey	LightBridge™	4+12+4	49	7	10	33	16	17	1.4	0.40	20	1.23	
	VFloat™ Grey	LightBridge™	5+12+5	42	7	10	28	13	13	1.4	0.36	25	1.17	
	VFloat™ Grey	LightBridge™	6+12+6	37	6	10	24	11	11	1.4	0.32	30	1.16	
DécorSatin™	DécorSatin™	Light-Bridge™	4+12+4	80	13	13	52	32	37	1.4	0.59	20	1.36	
	DécorSatin™	Light-Bridge™	6+12+6	78	12	12	47	25	31	1.4	0.55	30	1.42	
	DécorSatin™	Light-Bridge™	8+12+8	77	12	12	46	20	23	1.4	0.53	35	1.45	
DécorSatin™ Grey	DécorSatin™ Grey	Light-Bridge™	4+12+4	50	7	11	35	15	15	1.4	0.41	20	1.22	
	DécorSatin™ Grey	Light-Bridge™	6+12+6	37	6	10	27	11	15	1.4	0.33	30	1.12	
LightBridge next™														
Clear	VLam™ Hush Clear	LightBridge™	6.5+12+4	79	12	12	49	20	< 1	1.4	0.54	25.4	1.46	
	VLam™ Hush Clear	LightBridge™	6.5+12+5	79	12	12	48	20	< 1	1.4	0.54	28.4	1.46	
	VLam™ Hush Clear	LightBridge™	6.5+12+6	78	12	13	48	20	< 1	1.4	0.54	30.4	1.44	
	VLam™ Hush Clear	LightBridge™	8.5+12+8	78	12	12	46	19	< 1	1.4	0.54	40.4	1.44	
Light Grey	VLam™ Hush Light Grey	LightBridge™	6.88+12+4	53	8	11	35	15	< 1	1.4	0.41	25.5	1.29	
	VLam™ Hush Light Grey	LightBridge™	6.88+12+5	53	8	11	35	15	< 1	1.4	0.41	28.5	1.29	
	VLam™ Hush Light Grey	LightBridge™	6.88+12+6	52	8	11	34	14	< 1	1.4	0.41	30.5	1.27	
	VLam™ Hush Light Grey	LightBridge™	8.88+12+8	52	8	11	33	19	< 1	1.4	0.41	40.5	1.27	
Grey	VLam Hush™ Grey	LightBridge™	6.88+12+4	38	6	10	28	13	< 1	1.4	0.35	25.5	1.09	
	VLam Hush™ Grey	LightBridge™	6.88+12+5	38	6	10	28	13	< 1	1.4	0.35	28.5	1.09	
	VLam Hush™ Grey	LightBridge™	6.88+12+6	38	6	10	28	13	< 1	1.4	0.35	30.5	1.09	
	VLam Hush™ Grey	LightBridge™	8.88+12+8	37	6	10	27	13	< 1	1.4	0.35	40.5	1.03	

Glass Performance: Viridian ClimaTech™

Viridian ClimaTech™ Insulating Glass Units

Product Name	Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m²	Selectivity
				Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon				
Viridian ClimaTech™														
Clear	VFloat™ Clear	Viridian ClimaTech™	4+12+4	77	13	13	51	25	50	1.5	0.64	20	1.20	
	VFloat™ Clear	Viridian ClimaTech™	5+12+5	75	12	12	47	21	44	1.5	0.61	25	1.23	
	VFloat™ Clear	Viridian ClimaTech™	6+12+6	74	12	12	46	20	41	1.5	0.60	30	1.23	
	Viridian ClimaTech™ Clear	VFloat™ Clear	6+12+6	74	12	12	46	20	41	1.5	0.54	30	1.37	
Light Grey	VFloat™ Light Grey	Viridian ClimaTech™	6+12+5	53	8	10	33	13	24	1.5	0.45	28	1.18	
	VFloat™ Light Grey	Viridian ClimaTech™	6+12+6	53	8	10	33	13	24	1.5	0.45	30	1.18	
Grey	VFloat™ Grey	Viridian ClimaTech™	6+12+5	35	6	10	24	10	14	1.5	0.35	28	1.00	
	VFloat™ Grey	Viridian ClimaTech™	6+12+6	35	6	9	24	10	14	1.5	0.35	30	1.00	
Bronze	VFloat™ Bronze	Viridian ClimaTech™	6+12+6	43	7	10	29	13	14	1.5	0.42	30	1.02	
Green	VFloat™ Green	Viridian ClimaTech™	6+12+6	63	10	11	29	9	19	1.5	0.40	30	1.58	
SuperGreen	VFloat™ SuperGreen	Viridian ClimaTech™	6+12+6	56	9	10	24	7	10	1.5	0.33	30	1.70	
SuperBlue	VFloat™ SuperBlue	Viridian ClimaTech™	6+12+6	44	7	10	22	7	15	1.5	0.32	30	1.38	



Glass Performance: PermaTech™

PermaTech™ Insulating Glass Units

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value	SHGC	Weight kg/m ²	Selectivity
			Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon			
PermaTech™												
PermaTech™ PH08	VFloat™ Clear	6+12+6	68	13	15	29	38	22	1.3	0.33	30	2.01
PermaTech™ PH20	VFloat™ Clear	6+12+6	46	16	18	16	38	7	1.3	0.19	30	2.42
PermaTech™ PH25	VFloat™ Clear	6+12+6	59	15	17	22	48	10	1.3	0.25	30	2.36
PermaTech™ PH30	VFloat™ Clear	6+12+6	68	11	13	26	41	17	1.3	0.29	30	2.34
VFloat™ Light Grey	PermaTech™ PH30	6+12+6	47	9	10	18	20	10	1.3	0.29	30	1.62
VFloat™ Grey	PermaTech™ PH30	6+12+6	32	6	9	12	15	6	1.3	0.23	30	1.39
VFloat™ Green	PermaTech™ PH30	6+12+6	58	10	10	20	11	8	1.3	0.31	30	1.87
VFloat™ Bronze	PermaTech™ PH30	6+12+6	39	7	9	15	22	6	1.3	0.26	30	1.50

Glass Performance: VistaTech™

VistaTech™ Insulating Glass Units

Outside Glass	Inside Glass	Nominal Thickness	Visible			Solar		UV Trans	U Value		SHGC	Weight kg/m ²	Selectivity
			Trans.	Ref. Out	Ref. In	Trans.	Ref.		Argon				
VistaTech™ Ultimate Performance													
VistaTech™ Clear													
VFloat™ Clear	LightBridge™	VFloat™ Clear	4+12+4+12+4	73	19	20	46	34	38	1.1	0.53	30	1.38
VistaTech™ Green													
VFloat™ Green	LightBridge™	VFloat™ Clear	5+12+4+12+4	64	15	19	31	13	19	1.1	0.37	33	1.68
VistaTech™ Grey													
VFloat™ Grey	LightBridge™	VFloat™ Clear	5+12+4+12+4	38	8	18	25	14	14	1.1	0.32	33	1.17
VistaTech™ Light Grey													
VFloat™ Light Grey	LightBridge™	VFloat™ Clear	5+12+4+12+4	55	12	19	33	18	22	1.1	0.40	33	1.34
VistaTech™ PH08													
PermaTech™ PH08	VFloat™ Clear	VFloat™ Clear	6+12+4+12+4	64	18	22	28	40	21	1.0	0.30	35	2.10
VistaTech™ PH30													
PermaTech™ PH30	VFloat™ Clear	VFloat™ Clear	6+12+4+12+4	64	16	20	25	43	17	1.0	0.27	35	2.36
VistaTech XP™ Xtreme Performance													
VistaTech™ Clear													
VFloat™ Clear	LightBridge™	LightBridge™	4+12+4+12+4	72	17	17	40	36	31	0.7	0.50	30	1.42
VistaTech™ Green													
VFloat™ Green	LightBridge™	LightBridge™	5+12+4+12+4	63	13	16	28	13	16	0.7	0.35	33	1.76
VistaTech™ Grey													
VFloat™ Grey	LightBridge™	LightBridge™	5+12+4+12+4	38	8	15	22	14	12	0.7	0.28	33	1.28
VistaTech™ Light Grey													
VFloat™ Light Grey	LightBridge™	LightBridge™	5+12+4+12+4	54	11	16	29	19	18	0.7	0.36	33	1.43
VistaTech™ PH08													
PermaTech™ PH08	LightBridge™	VFloat™ Clear	6+12+4+12+4	62	16	19	26	40	17	0.7	0.29	35	2.12
VistaTech™ PH30													
PermaTech™ PH30	LightBridge™	VFloat™ Clear	6+12+4+12+4	62	14	17	23	43	14	0.7	0.26	35	2.38



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