

Energy Management Performance Data

Viridian single glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans	U Value	SHGC	Shading Co.	Weight m ²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.					
Viridian VFloat™											
Clear	3	89	8	8	83	8	69	5.9	0.85	0.98	7.5
	4	89	8	8	82	8	67	5.9	0.85	0.98	10
	5	88	8	8	79	7	63	5.9	0.83	0.95	12.5
	6	88	8	8	78	7	60	5.8	0.82	0.95	15
	8	86	8	8	71	7	56	5.7	0.77	0.89	20
	10	85	8	8	67	7	52	5.7	0.75	0.86	25
	12	84	8	8	64	7	48	5.6	0.72	0.84	30
	15	82	7	7	59	6	45	5.5	0.70	0.81	37.5
Grey	4	56	6	6	55	6	30	5.9	0.66	0.77	10
	5	47	6	6	47	5	23	5.8	0.61	0.71	12.5
	6	42	5	5	42	5	19	5.8	0.58	0.67	15
	10	27	5	5	31	5	12	5.7	0.51	0.59	25
Green	4	82	8	8	58	6	36	5.9	0.68	0.79	10
	5	79	7	7	51	6	32	5.9	0.63	0.74	12.5
	6	77	7	7	47	5	27	5.8	0.61	0.71	15
	10	63	6	6	29	5	11	5.7	0.49	0.57	25
Bronze	4	61	7	7	60	6	28	5.9	0.70	0.81	10
	5	54	6	6	52	6	22	5.9	0.64	0.74	12.5
	6	49	6	6	48	5	19	5.8	0.62	0.71	15
	10	34	5	5	36	5	9	5.7	0.54	0.63	25

Viridian Thermotech™ insulating glass units

Product Name	Nominal Thickness	Visible			Solar		UV Trans.	U Value		SHGC	Shading Co.	Weight m ²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.		Air	Argon			
Viridian VFloat™												
Clear	3+12+3	81	15	15	69	13	53	2.7	2.6	0.75	0.87	15
	4+12+4	80	15	15	69	13	51	2.7	2.6	0.75	0.86	20
	5+12+5	79	15	15	63	12	47	2.7	2.5	0.72	0.83	25
	6+12+6	78	15	15	62	12	44	2.7	2.5	0.71	0.82	30
	8+12+6	77	14	14	57	11	42	2.7	2.5	0.66	0.76	35
	10+12+6	76	14	14	54	10	39	2.7	2.5	0.64	0.73	40
Grey	12+12+6	75	14	14	51	10	37	2.6	2.5	0.61	0.71	45
	4+12+4	50	8	13	46	8	24	2.7	2.6	0.55	0.64	20
	5+12+5	42	7	12	38	7	19	2.7	2.5	0.49	0.57	25
	6+12+6	37	7	12	33	7	15	2.7	2.5	0.45	0.52	30
Green	10+12+6	24	5	12	24	5	9	2.7	2.5	0.38	0.44	40
	12+12+6	19	5	12	20	5	7	2.6	2.5	0.34	0.40	45
	4+12+4	73	13	14	49	9	30	2.7	2.5	0.57	0.66	20
	5+12+5	70	13	14	42	9	25	2.7	2.5	0.52	0.60	25
Bronze	6+12+6	68	12	13	39	8	21	2.7	2.5	0.50	0.57	30
	10+12+6	56	9	13	24	6	9	2.6	2.5	0.37	0.43	40
	4+12+4	55	10	13	50	9	23	2.7	2.5	0.59	0.68	20
	5+12+5	48	8	13	41	7	18	2.7	2.5	0.52	0.61	25
Bronze	6+12+6	43	8	12	38	7	15	2.7	2.5	0.50	0.57	30
	10+12+6	30	6	12	28	6	7	2.6	2.5	0.41	0.48	40