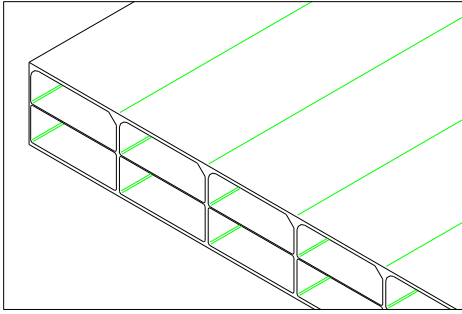


Product Data Sheet

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marlon st®

Solar Transmission Properties

Colour	Direct Solar Energy Transmission	Solar Energy Reflectance	Solar Energy Absorption	Solar Factor	Shading Coefficient	Solar Heat Gain Coefficient
4 mm Twinwall						
Clear	83%	13%	4%	84%	0.97	0.83
Opal	42%	32%	26%	49%	0.56	0.48
6 mm Twinwall						
Clear	83%	14%	4%	83%	0.96	0.82
Opal	41%	33%	30%	49%	0.56	0.49
8 mm Twinwall						
Clear	80%	15%	3%	83%	0.95	0.82
Opal	58%	38%	4%	59%	0.68	0.58
10 mm Fourwall						
Clear	70%	18%	12%	73%	0.84	0.72
Opal	51%	39%	12%	54%	0.62	0.54
Pearlescent	36%	34%	30%	44%	0.51	0.44
16 mm Triplewall						
Clear	71%	22%	7%	73%	0.84	0.72
Bronze	28%	11%	61%	44%	0.51	0.44
Opal	41%	38%	21%	47%	0.54	0.46
Pearlescent	38%	43%	19%	43%	0.50	0.47
16mm Sevenwall						
Clear	60%	24%	16%	64%	0.74	0.64
Opal	39%	38%	23%	45%	0.52	0.45
25 mm Fivewall						
Clear	62%	27%	11%	65%	0.75	0.64
Opal	39%	38%	23%	45%	0.52	0.45
32mm Tenwall						
Clear	48%	33%	19%	53%	0.61	0.61
Opal	42%	34%	24%	48%	0.56	0.56
Pearlescent	34%	37%	29%	42%	0.48	0.48

Solar Transmission and reflection to EN 410