

ACRYLITE® acrylic multi-skin sheet continued

	ACRYLITE® Heatstop	
	16 mm ACRYLITE® Heatstop high impact acrylic double-skin sheet	32 mm ACRYLITE® Heatstop high impact acrylic quad-skin sheet
Light Transmittance (clear)	N/A	N/A
Light Transmittance (Other Colors)	cool blue - 28%	pearl - 40%
UV Blocking	yes	yes
Patented No Drip	yes	yes
Anti-Algae	no	no
Energy Values		
R-Value	2.04°F/BTU•hr•ft²	3.57°F/BTU•hr•ft²
U-Value	2.5 W/m²K (0.49 BTU/hr•ft²•°F)	1.6 W/m²K (0.28 BTU/hr•ft²•°F)
New Product Warranty		
Light Transmission Warranty (clear)	yes	yes
No Yellowing Warranty	yes	yes
Hail Warranty	yes	yes
Geometry		
Thickness	16 mm (5/8")	32 mm (1 1/4")
Rib Spacing	32 mm (1 1/4")	32 mm (1 1/4")
Width	1200 mm (47 1/4")	1230 mm (48 7/16")
Length	up to 5550 mm (18 ft)	up to 7340 mm (24 ft)
Approximate Area Weight	4.5 Kg/m² (0.9 lb/ft²)	6.4 Kg/m² (1.3 lb/ft²)
Weighted Sound Reduction Index	24 dB	24 dB
Minimum Cold- Forming Radius	96"	not recommended
Coefficient of Heat Expansion (α)	0.09 mm/m °C (0.00005 in/in/°F)	0.09 mm/m °C (0.00005 in/in/°F)
Expansion Due to Heat and Moisture	6 mm/m (1/16"/ft)	6 mm/m (1/16"/ft)
Maximum Service Temperature	70°C (160°F)	70°C (160°F)
Flammability		
ASTM D-635 (Rate of Burn)	C2/CC2	C2/CC2
CAN/ULC-S102.2 (Flame Spread Classification)	< 150	< 150
DIN 4102 (Combustibility)	B2	B2
ASTM D-1929 (Self Ignition Temperature)	830°F	830°F
ASTM D-2843 (Smoke Density Rating)	7.0%	8.5%

ACRYLITE® acrylic wave profile

	ACRYLITE® Resist	ACRYLITE® Heatstop
	3 mm ACRYLITE® Resist high impact acrylic wave profile	3 mm ACRYLITE® Heatstop high impact acrylic wave profile
90%		N/A
white - 72%, grey - 45% bronze textured - 75% bronze prismatic - 55%		cool blue - 22% pearl - 48%
yes		yes
no		no
no		no
Energy Values		
0.98°F/BTU•hr•ft²		0.98°F/BTU•hr•ft²
6.02 W/m²K (1.06 BTU/hr•ft²•°F)		6.02 W/m²K (1.06 BTU/hr•ft²•°F)
New Product Warranty		
yes		yes
yes		yes
yes		yes
Geometry		
3 mm (1/8")		3 mm (1/8")
N/A		N/A
1045 mm (41.1")		1045 mm (41.1")
up to 4,900 mm (16 ft)		up to 4,900 mm (16 ft)
3.3 Kg/m² (0.7 lb/ft²)		3.3 Kg/m² (0.7 lb/ft²)
22 dB		22 dB
48"		48"
0.08 mm/m °C (0.00004 in/in/°F)		0.08 mm/m °C (0.00004 in/in/°F)
6 mm/m (1/16"/ft)		6 mm/m (1/16"/ft)
70°C (160°F)		70°C (160°F)
Flammability		
C2/CC2		C2/CC2
< 150		< 150
B2		B2
750°F		750°F
3.8%		3.8%

Values are approximate.