

## LUMAsite® fiberglass-reinforced acrylic sheets:

COLOR	DESCRIPTION	THICKNESS					
Frost-SOS Parchment-SOS Linen-SOS Rice-SOS	“Silken cobweb” effect, high transmission Gentle Shoji effect, high transmission, white Subtle Weave effect, med-high trans, off white Gentle Shoji effect, med-high trans, off white	.045”	.060”	.090”	.125”	.187”	.250”
White 1000-SOS White 1020 White 2020	High diffusion, opalescent Translucent sign white Translucent display white	.045”	.060”	.090”	.125”	.187”	.250”
Sky-SOS Jade-SOS Tangerine-SOS	Blue Shoji effect Green Shoji effect Orange Shoji effect	.060”	.090”	.125”	.187”		
Whisper Copper-SOS Whisper River-SOS Whisper Eggplant-SOS Whisper Hunter-SOS	Golden peach mesh tint, Shoji effect Blue mesh tint, Shoji effect Purple mesh tint, Shoji effect Green mesh tint, Shoji effect			.125”	.125”	.125	.125”
Ivory 02146 Yellow 02037 Blue 02051	Creamy white, translucent Bright yellow, translucent Medium blue, translucent	.060”	.090”	.125”	.125”		
White 1040 White 1040-POS Black 02025	Bright white, opaque Opaque white, pebbled one side Black, opaque	.060”	.090”	.125”	.187”	.250”	

## LUMAsite® acrylic-modified fiberglass sheets:

COLOR	DESCRIPTION	THICKNESS		
Crystal II Crystal II-SOS Crystal II-POS	Diffused near-clear translucent fiberglass Frosted near-clear translucent fiberglass Distorted near-clear translucent fiberglass	.060”	.090”	.125”

### LIGHT TRANSMISSIONS

THICKNESS >	.045”	.060”	.090”	.125”	.187”	.250”
Frost-SOS Parchment-SOS	82 80	80 76	76 72	72 64	64 59	59 55
Linen-SOS Rice-SOS		72	64	59	49	
White 1000-SOS White 1020 White 2020	71 42	70 39	62 35	58 30	49	42
Jade-SOS Sky-SOS		62	55	48	38	
Ivory 02146-SOS Yellow 02037		50	42	39		

### PHYSICAL PROPERTIES

Flexural Strength	20,000 psi
Flexural modulus	1,000,000 psi
Tensile Strength	14,000 psi
Compressive Strength	25,000 psi
Impact Str. Izod, notched	6 ft. -lbs/in
Coeff. of Expansion	.00002 in./in. °F

### Flammability

LUMAsite® sheets and diffusers are combustible. Fire precautions similar to those appropriate for wood-based products should be observed.

All varieties of LUMAsite® reinforced acrylic sheets are available in a general purpose version that is not fire-rated. The self-ignition temperature of the general purpose version is 990° F. The flash ignition temperature is 780° F. The general purpose version exhibits a burn rate by the ASTM D635 method that is consistent with a CC2 classification.

Some varieties of LUMAsite® reinforced acrylic sheets, including Frost-SOS and White 1000-SOS, are available in a Type FR version. The Type FR falls into a Class C (Interior Wall and Ceiling Finish as defined by NFPA 255) classification based on testing by the ASTM E84 method.

No fire-retardant version of the Crystal II or embedment varieties is available.

Requests for additional information regarding burning characteristics of LUMAsite® sheets sent by fax to **631-422-2811** or by e-mail to **lumasite@aol.com** will receive a prompt reply.