

SHEERFILL® and FABRASORB®

Architectural Membrane

Acoustical Membrane

Solar Transmittance and Reflectance Properties Technical Bulletin

Rev. A | September 2013

Comparison of Average¹ Solar Transmittance and Reflectance Properties of SHEERFILL® Architectural and FABRASORB® Acoustical Membranes (per ASTM E-424)²

Parameter	(% Transmittance)				(% Reflectance)			
	UV	VIS	NIR	Total Solar	UV	VIS	NIR	Total Solar
Sheerfill I	1.3	9.5	13.6	11.2	55.2	71.0	68.6	69.8
Sheerfill II	1.2	9.5	13.3	11.1	57.4	72.8	70.8	71.8
Sheerfill IIA	2.8	12.4	17.2	14.4	55.6	71.0	69.7	70.2
Sheerfill V	4.2	14.6	18.6	16.3	57.8	71.3	68.0	69.8
Fabrasorb I	5.9	19.1	24.1	21.2	46.1	67.6	67.1	67.2

¹ All data represent the averages of three randomly selected production lots of each product.

² Measurements were performed by Heraeus DSET Laboratories.

³ UV = ultraviolet (one ordinate at 369 nm); VIS = visible (55 ordinates, 389-774 nm); NIR = near-infrared (44 ordinates, 781-2140 nm).



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