

Anti-Vandalism Films: Data Sheet

Saint-Gobain Graffitigard™ 4PLUS

Physical Characteristics

PERFORMANCE	VALUE	METHOD
Number of layers	4	NA
Thickness		ASTM D 3652
Overall	442 μ (.44 mm)	
Single layer	110 μ (.11 mm)	
Peel adhesion		ASTM D 3330
Adhesion to glass	61 N/m	
Adhesion between layers	16 N/m	
Residual adhesive	None	
Haze / Luminous Transmittance		ASTM D 1003
Visible light	92%	
Haze	3.5%	
Clarity	97%	
Abrasion resistance	-1.1 mg / 100 cycles	ASTM D 4060

Adhesion

Adhesion is measured by peeling specimens at a 180° angle from the underlying substrate. Peel adhesion is the average result for the strips tested in Newtons per meter. Specimens are applied to substrate using standard application practices. Adhesion to glass and between layers is measured.

Scratch Resistance

Scratch resistance is measured testing using the Taber Haze Abraser. Specimens are subjected to 100 cycles with a 1,000 gm weight. Results are expressed by changes in weight loss in mg/# of cycles.

Ordering Information for Graffitigard 4PLUS

Delivery format

Roll Width and Length

Rolls

1524 mm x 15 to 90 meters

Tailor-made cut-to-size shapes

(Includes tabbing to peel away each layer)
20 cut-to-size shapes per box

Storage

Graffitigard 4PLUS should be stored in a dry, controlled environment. The temperature should not exceed 35° C nor go below 10° C. The film should always be stored in the original packaging with the end plugs securely placed on the core.

Disclaimer

These test data contain results arrived at after employing specific test procedures and standards. The included data do not constitute a recommendation for, endorsement of, or certification of the product or material tested. These data are provided for informational purposes only and are not to be considered part of merchantability or fitness for a particular purpose, that its products will conform to these test data. Extrapolation of data from the sample or samples relation to the batch or lot from which data were obtained may not correlate and should be interpreted accordingly with caution. **Saint-Gobain shall not be responsible for variations in quality, composition, appearance, performance, or other feature of similar subject matter produced by persons or under conditions over which Solar Gard has no control.**

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SK0253SGG4PLUSDSINT 02/19
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