

4333

BOLTARON

Rigiwall® 4333W
Class 1/A

GENERAL INFORMATION

Boltaron Rigiwall® 4333W is a proprietary, calendered Acrylic/PVC Alloy sheet, designed as a UV resistant, durable, protective wall covering for patio enclosures. Boltaron Rigiwall® 4333W offers a class 1-A building code rating, excellent impact strength, abrasion resistance, and stain and chemical resistance. Boltaron 4333W is corona treated on the back side for improved adhesion.

AVAILABILITY

Colors: Light colors
Gauges: .022 to .040
Widths: Up to 60"
Lengths: Up to 120"
Custom Sizes: Upon request
Textures: Matte/Matte
Sandcastle
Haircell
Scratch Resistant
Abrasion Resistant

SUGGESTED APPLICATIONS

Patio enclosures

Typical Physical Properties

Property	Test Method	Typical values
Specific gravity	ASTM D-792	1.37
Tensile strength (PSI)	ASTM D-638	5,200
Flexural strength (PSI)	ASTM D-790	8,300
Flexural modulus (PSI)	ASTM D-790	2.9 × 10 ⁵
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	10 - 15
Hardness Rockwell R	ASTM D-785	106
Heat Deflection (°F) 264 PSI (annealed)	ASTM D-648	165
Flammability		
Flame Spread	ASTM E-84	10 ¹
Smoke Developed	ASTM E-84	30 ¹
Flame Spread	ASTM E-84	15 ²
Smoke Developed	ASTM E-84	15 ²
Flame Spread	ASTM E-84	15 ³
Smoke Developed	ASTM E-84	60 ³
Flame Spread	ASTM E-84	15 ⁴
Smoke Developed	ASTM E-84	200 ⁴
Flame Spread	ASTM E-84	15 ⁵
Smoke Developed	ASTM E-84	90-140 ⁵
Dimensional Stability		
5' x 320° F		13%
24 hrs @ 158° F		1%
7 days @ 158° F		1%
Taber Abrasion Wt. Loss (CS 17 wheel, 1 kg 1000 cycles)		.073 gms
Heat Aging		
Color change in L* a* b* units		
24 hrs @ 158° F		.4
7 days @ 158° F		.6
Water Vapor Transmission		
PRO BW	ASTM E-96	.13 US perms
PRO B	ASTM E-96	.08 US perms
Thermal Expansion (In./In./°F)	ASTM D-696	5 × 10 ⁻⁵

¹ Values based on maximum thickness of .025", UL File # R10633

² Values based on maximum thickness of .029", UL File # R10633

³ Values based on maximum thickness of .043", UL File # R10633

⁴ Values based on maximum thickness of .064", UL File # R10633

⁵ Values based on maximum thickness of .025", UL File # R10633

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LIMITATION OF WARRANTY

The application suggestions, specifications and other data described here are based upon experience and information that is believed, by BPP to be reliable. However, BPP makes no express or implied warranty that BOLTARON 4333W will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4333W, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4333W and the application suggestions before actual application.