

Boltaron Rigiwall® 4333W

Acrylic (PMMA) + PVC

Boltaron Performance Products

Message:

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.

- 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

General Information			
Additive	UV Stabilizer		
Features	Durable		
	Good Abrasion Resistance		
	Good Adhesion		
	Good Chemical Resistance		
	Good UV Resistance		
	High Impact Resistance		
	Stain Resistant		
Uses	Protective Coverings		
	Wall Panels		
Agency Ratings	UL 723		
Appearance	Colors Available		
Forms	Sheet		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.9	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength (Yield)	57.2	MPa	ASTM D790
Taber Abrasion Resistance (1000 Cycles, 1000 g, CS-17 Wheel)	0.0730	mg	ASTM D1044

Films	Nominal Value	Unit	Test Method
Water Vapor Transmission			ASTM E96
PRO B	0.0800	US perms	
PRO BW	0.130	US perms	
Heat Aging - Color Change L*a*b			
70°C ¹	0.600		
70°C ²	0.400		
Flame Spread			ASTM E84
< 635.0 μm	10.0		
< 736.6 μm	15.0		
< 1.09 mm	15.0		
< 1.63 mm	15.0		
Smoke Developed			ASTM E84
< 635.0 μm	30.0		
< 736.6 μm	15.0		
< 1.09 mm	60.0		
< 1.63 mm	200		
Dimensional Stability			
230°C, 152.40 cm	13	%	
24 hr : 70°C	1.0	%	
7 days : 70°C	1.0	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530 to 800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	73.9	°C	ASTM D648
CLTE - Flow	9.0E-5	cm/cm/°C	ASTM D696
NOTE			
1.	7 days		
2.	24 hrs		

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