

Boltaron Rigiwall® 4343/4353

Acrylic (PMMA) + PVC

Boltaron Performance Products

Message:

Protective wallcovering for commercial and institutional building interiors in gauges from .030 to .125" in. (0.76 to 3.18 mm) resists impact, abrasion, harsh chemicals

Boltaron RIGIWALL® 4343/4353 sheet is a proprietary, extruded PVC/Acrylic alloy developed as a protective and attractive interior wallcovering for commercial and institutional buildings such as hospitals, long term care facilities, commercial and government offices, schools, supermarkets, retail stores, airports, clinics, elevators, prisons and other high traffic interiors.

More than just decorative, Boltaron RIGIWALL® 4343/4353 sheet is also durable. With an Izod impact rating of 7-12 ft lbs/in. (371 to 636 J/m), it protects interior walls against repeated impacts from carts, wheelchairs, gurneys, shopping carts, luggage and general abuse, while maintaining a like-new appearance.

It is offered in unlimited colors, all of which are monolithic, rendering any gouges or scratches inconspicuous, unlike printed, painted or laminated wallcoverings.

And because it is one of the most chemical-resistant thermoplastics in existence, graffiti and grime can be removed repeatedly using harsh cleansers without fading, staining or degradation.

Add to this a UL Standard 723 listing and a Class 1-A rating, and Boltaron RIGIWALL® 4343/4353 delivers precisely what you need to beautify and protect high traffic interiors.

General Information			
Features	Durable		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	High Impact Resistance		
	High Scratch Resistance		
	Stain Resistant		
Uses	Acoustic Barrier		
	Protective Coverings		
	Wall Panels		
Agency Ratings	UL 723		
UL File Number	R10633		
Appearance	Colors Available		
Forms	Sheet		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101 to 103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.9 to 38.6	MPa	ASTM D638
Flexural Modulus	2280 to 2690	MPa	ASTM D790
Flexural Strength (Yield)	53.8 to 57.9	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	370 to 640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	73.3 to 74.4	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Spread			ASTM E84
< 1.52 mm	15.0		
< 2.03 mm	15.0		
< 3.18 mm	15.0		
Smoke Developed			ASTM E84
< 1.52 mm	155		
< 2.03 mm	300		
< 3.18 mm	450		

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