

RIGIWALL® 4333

Class 1-A Sheet for Interior Wallcovering

Protective wallcovering and related components for commercial and institutional building interiors in gauges from .022 to .040 in. (0.56 to 1.02 mm) resist high impact, abrasion, harsh cleansers/chemicals

Boltaron RIGIWALL® 4333 sheet is a proprietary, calendared 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.

It can be adhered to interior walls or pre-laminated to MDF and other substrates to create high performance composite sheet products.

Available in gauges from .022 to .040 in. (0.56 to 1.02 mm) Rigiwall 4333 can also be post-formed, thermoformed, machined using conventional tools, bonded and



mechanically fastened, allowing the production of corner guards, crash rails, base moldings, profile moldings, connectors, self-supporting panels and other parts that perfectly match RIGIWALL® 4333 sheet applied as protective wallcovering.

More than just decorative, Boltaron RIGIWALL® 4333 sheet is also extremely durable. Boasting an Izod impact rating of 15 ft lbs/in. (795 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® 4333 delivers everything you need to beautify and protect high traffic interiors.

APPLICATIONS

- Protective interior wall covering
- Crash rails, corner guards and base moldings
- Profile moldings and trim
- Kick plates and push plates
- Prelaminated panels
- Partitions
- Other interior applications subject to high impact, abrasion and/or harsh cleansers

FEATURES

- Ultra-high impact resistance: 15 ft lbs/in. (795 J/m)
- Extreme resistance to scratches and abrasion
- Inclusion-free surface quality
- Unlimited selection of integral (monolithic) colors with low minimums and fast turnaround
- Can be flat laminated, post-formed, thermoformed, machined using conventional tools, adhesive bonded, heat welded and mechanically fastened
- Three standard surface textures, with custom textures available (minimums apply)

- Lot-to-lot color consistency allows undetectable field replacements
- Gauges from .022 to .040 in. (0.56 to 1.02 mm), widths to 60 in. (1524 mm) and lengths to 120 in. (3048 mm) with custom sizes on request



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	2.9x10 ⁵
Izod impact (Ft. lbs./in. of notch)	ASTM D-256	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 _—
Smoke Developed	ASTM E-84	30 _—
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-06	.08 US perms
Thermal Expansion (ln./ln./ ° F)	ASTM D-696	5x10 ⁻⁵

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

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

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

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

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

AVAILABILITY

Colors: Custom

Gauges: .022 to .040 in. (0.56 to 1.02 mm)

Widths: Up to 60 in. (1524 mm)

Lengths: Up to 120 in. (3048 mm)

Custom Sizes: Upon request

Textures: Matte, Sandcastle, Haircell

OTHER BOLTARON SHEET UTILIZED FOR BUILDING PRODUCTS:

- Boltaron 1165/1165C (GENERAL PURPOSE, RECYCLED, BLACK)
- Boltaron 4065MP (MEMBRANE PRESSING & FLAT LAMINATING)
- Boltaron 4330M (METALLIC)
- Boltaron 4333W (WEATHERABLE)
- Boltaron 4343/4353 (INTERIOR WALLCOVERING, HIGH IMPACT, EXTRUDED)

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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 4333 will perform in accordance with such specifications in any particular circumstance. Therefore, ALL EXPRESS OR IMPLIED WARRANTIES IN CONNECTION WITH BOLTARON 4333, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. The prospective user should determine the suitability of BOLTARON 4333 and the application suggestions before actual application.