

Boltaron® 4065MP

HIGH PERFORMANCE SURFACING MATERIAL

BUILDING
& RETAIL

Greater impact resistance than high pressure laminates, melamine and thermofoils. Membrane pressing can eliminate unsightly seams and delamination problems. Wood core substrates that are membrane pressed or flat laminated with Boltaron® 4065MP sheet look new even after years of impacts, abrasion, harsh cleansers and the general abuse of commercial and institutional environments.

CHARACTERISTICS

- Tough, scratch resistant surface
- Uniform surface quality
- Formability in deep draws, sharp corners (Contours, detailed compound logos)
- Economical thin gauges >0.028 in. (0.7 mm)
- Izod impact strength of 18 ft-lb/in. (953 J/m)
- Easily perforated

USES

- Flat and 3D laminated panels
- Checkout counters
- Kiosks
- Store fixtures, displays
- Table tops
- Logo and trademark panels
- Medical surfaces
- Commercial and recreational vehicle interiors
- Institutional furniture

PERFORMANCE DETAILS

PROPERTIES

Specific Gravity (ASTM D792)	1.37	
Hardness Rockwell (ASTM D785)	106	
Izod Impact Notched (ASTM D648)	73 °F 18 ft-lb/in	23 °C 953 J/m
Heat Deflection Annealed (ASTM D648)	165 °F @264 psi	74 °C @1.8 MPa
Heat Deflection Unannealed (ASTM D648)	150 °F @264 psi	65.5 °C @1.8 MPa
Ball Impact Resistance (NEMA LD3 - 2005)	>3,000	
Dart Impact Resistance (NEMA LD3 - 2005)	>1,100	
Taber Abrasion (ASTM D3389) CS-17 wheels, 1000 gram load per wheel, 1000 cycles	0.029 mass loss per revolution, mg/rev	

*Independent lab tests. All tests at 73°F (22.8°C) in dry conditions unless otherwise noted.

ROLL AND SHEET SIZES

Sheet Lengths	to 120 in	3,048 mm
Roll Lengths	Continuous rolls available	
Widths	to 60 in	1,524 mm
Gauges	0.028 in	0.71 mm
Custom	Blank sizes, gauges on request	

MEMBRANE PRESSING TYPICAL PARAMETERS

Cycle Times		
Preheating	45-50 Seconds	
Pressing	40-45 Seconds	
Cooling	35-40 Seconds	
Typical Heater Settings		
Top	257 - 284°F	125 - 140°C
Bottom	172 - 185°F	78 - 85°C
Pressure	45 psi	3 Bars

FLAMMABILITY

UL 94	V-0
EN 13501-1	Under Testing

Resistance to Fungus Growth	ASTM G21
Resistance to Bacterial Growth	ASTM G22

4065MP
MEMBRANE PRESSED

DESIGN OPTIONS

Color	Unlimited
Textures	Wide range available
Effects	True Pearl and Woodgrains
Minimum	500 lb (230 kg)

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RELIABILITY MEETS INNOVATION

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