

RAMPART® and RAMPART Resolve® Performance Test Results

MECHANICAL PROPERTIES—All tests were conducted on standard drywall, unless otherwise indicated.

TEST TYPE	TEST METHOD	RAMPART AND RAMPART RESOLVE RESULTS	COMPETITOR
Surface Abrasion	ASTM D4060	When rubber based wheels (CS-10) were used as an abradant with a 500g load on each arm, the resulting % weight loss after 500 cycles was <0.035% .	Other wall protection: <0.05%
Surface Abrasion	ASTM D4977	When a wire brush abrader with 25 lbs of weight cycled back and forth for 50 cycles over the mounted material, the average abraded depth was .002"-.004" (Level 3), qualifying RAMPART and RAMPART Resolve as high-performing, abuse-resistant products. Level 3 is the highest performance level.	Leading rigid sheet goods: Level 3
Impact Resistance	ASTM D5420	When a constant 8 lb weight was dropped on to the material with 72 in-lb of force, drywall covered with RAMPART and RAMPART Resolve withstood up to 115 lbs force before the back of the drywall broke out.	Other wall protection: 60-135 lbs force
Hard Body Impact	ASTM C1629	When a pendulum impactor was thrust against the material, it withstood up to 100 ft-lb force , qualifying RAMPART and RAMPART Resolve as abuse- and impact-resistant products. Exceeds 100 ft-lb force on high-impact gypsum board	Leading rigid sheet goods: Up to 100 ft-lb force

FLAMMABILITY PROPERTIES

Fire Rating	ASTM E84 (Adhered); NFPA 101: Life Safety Code®	RAMPART with dense polyester/cotton backing— Class A RAMPART with dense cotton backing— Class A RAMPART Resolve with polyester/cotton backing— Class A	Leading rigid sheet goods: Class A
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SURFACE PROPERTIES

Stain Resistance	ASTM D1308	Ballpoint pen, Betadine®, coffee, crayon, ketchup, lipstick, red wine, blood, vegetable oil	Coffee or ketchup may create a permanent stain.
Scuff Resistance	ASTM D1308	Rubber soles did not scuff with repeated effort	Requires normal cleaning.
Effect of Chemical Cleaning Agents	ASTM D543	No damaging effect when cleaned with: Ammonia, Atomic Degreaser, Benefect® Botanical Decon™ 30 Disinfectant, Bleach, CaviWipes™, Citrace®, EcoLab Peroxide Multi Surface Cleaner, EcoLab Quaternary Disinfectant, Fantastik®, Formula 409®, Hydrogen Peroxide, Lysol® All Purpose Cleaner, Oxivir® TB, PREempt™ RTU, PureGreen 24, Spic and Span®, or Virex® Tb.	No damaging effect when cleaned with: Ammonia, Bleach, or Peroxide. Tests for other cleaning agents N/A.
Bacteria Resistance	ASTM G22	No growth of Pseudomonas Aeruginosa after 21 days.	No growth after 21 days.
Fungal Resistance	ASTM G21	No growth of Aspergillus Brasiliensis, aureobasidium pullulans, chaetomium globosom, penicillium funiculosum or trichoderma virens after 28 days.	No growth after 28 days.

RAMPART and RAMPART Resolve are listed in the Mindful Materials database and have Health Product Declarations available.