

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

TEST TYPE	TEST METHOD	RAMPART RESULTS (Level 3 represents the highest performance level)	LEADING RIGID SHEET GOODS
Surface Abrasion	ASTM D4977	Level 3: 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", qualifying it as a high-performing abuse-resistant product.	Level 3
Surface Indentation	ASTM D5420	Level 2: When a constant 8 lb weight was dropped on to the material with 72 in-lb of force, the resulting indentation depth was .074"—qualifying it as a mid-level abuse-resistant product.	Level 2
Soft Body Impact	ASTM E695	Level 2: When a leather bag filled with 60 lbs of steel shot was thrust against the material, failure to the drywall did not occur until 195 ft-lb of force impacted the wall—qualifying it as a mid-level abuse-resistant product. (Ranks Level 3 on impact-resistant drywall)	Level 3
Hard Body Impact	ASTM C1629	Level 1: When a pendulum impactor was thrust against the material, it withstood the 50 ft-lb force minimum—qualifying it as an abuse- and impact-resistant product. (Ranks Level 3 on impact-resistant drywall)	Level 1
Scrape Adhesion	ASTM D2197	Exceeded maximum capacity of machine (22 lbs) without incurring significant scratches or removal of coating.	Not tested

FLAMMABILITY PROPERTIES

Fire Rating	ASTM E84 (Adhered), NFPA 286	<i>Dense Polyester/Cotton Backing</i> —Class A Flame Spread: 0; Smoke Developed: 10 <i>Dense Cotton Backing</i> —Class A Flame Spread: 5; Smoke Developed: 40	N/A
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SURFACE PROPERTIES

Stain Resistance	ASTM D1308	Ballpoint pen, Betadine®, coffee, ketchup, lipstick, red wine, synthetic 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, Bleach, CaviWipes, Citrace®, EcoLab® Neutral Bathroom and Floor Cleaner, EcoLab Peroxide Multi Surface Cleaner, EcoLab Quaternary Disinfectant, Fantastik®, Formula 409®, Lysol®, Oxi-vir® TB disinfectant, PureGreen 24, Spic and Span®, Virex® Tb, or Wex-Cide.	No damaging effect when cleaned with: Ammonia, Bleach, or Peroxide. Other cleaning agents not tested.
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.