

MATERIAL SPECIFICATION SHEET

Rigid Impact Protective Wallcovering

Thickness:..... 0.040”

Fire Rating: Class A (UL-723 / ASTM E84-08)

Flame Spread:..... 25

Smoke Developed:..... 450

Physical Characteristics

Tensile Strength: 5,715 psi (ASTM D-638)

Flexural Strength: 7,024 psi (ASTM D-790)

Flexural Modulus: 242,000 psi (ASTM D-790)

Hardness (Shore D): 71 (ASTM D-785)

Heat Distortion Temp: 150.4° F (ASTM D-648)

VOC Emissions: CHPS Designed & CHPS Verified

Environment: Classroom

Room Volume (m³) 231

Area Specific Air Flow Rate (m/h) 1.98

Wall Area (m²)..... 94.6

Abrasion Resistance:..... 10,000 Wear Cycles

Chemical Resistance: Resisted Growth of Bacterium Culture

Impact Testing:

Failure Height: 6”

Failure Type:..... >3/8”

Restrictions: Wallcovering must be applied with a heavy-duty water based mastic at an application rate of 125 sq ft/gal.

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