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MINIMUM PERFORMANCE CHARACTERISTICS
EMERALD TEXTURE SYSTEM

When the Emerald Texture System is finished and fully cured (28 days), the materials shall have the following minimum performance characteristics.

TEST PERFORMANCE RESULTS

ASTM D 2240 –	Durometer Hardness Index	94
ASTM D 3363 –	Film Hardness by Pencil Test	8H (Hardest)
ASTM D 3806 –	Small Scale Evaluation of Fire Resistant Points, Predicted E-84 value by use of Monsanto formula	16 or less
	Afterflaming	None
	Afterglow	None
	Smoldering	None
ASTM E 96 -	Standard Test Method for Water Vapor Transmission of Materials	33 perms or greater
ASTM D 4060-90	Abrasion Resistance:	Taber Abraser .039
ASTM D 2486 -	Scrub Resistance of Interior Coatings	7600 Cycles to Failure
ASTM D 3273 -	Resistance to Growth of Mold on the Surface of Interior Coatings	No growth In an Environmental Chamber
ASTM D 1308 -	Effect of Household Chemicals on Clear and Pigmented Organic Finishes. Spot Test, Open.	

SOLVENT RESISTANCE (1 hour soak, wash with Simple Green Crystal and rinse)

Water	Slight softening*
Detergent	Slight softening*
Ethanol	Slight softening*
Ammonium Hydroxide	Slight softening*
Ethylene Glycol	No change
Bleach (household)	Slight softening*
409 Cleaner	Slight softening*
Mineral Spirits	No change

* Temporary condition. Material will return to firm state when dry.

STAIN RESISTANCE (24 hour soak, wash with Simple Green Crystal and rinse)

Water	No stain visible
Blood	No stain visible
Urine	No stain visible
Tea	No stain visible
Coffee	No stain visible
Strawberry	No stain visible
Ketchup	No stain visible
Blueberry	No stain visible
Bleach (household)	No stain visible
Mustard	No stain visible
Sodium Hypochlorite (Easy Scrub)	No stain visible

MARK RESISTANCE (Marked with 24 hour cure, scrubbed with Simply Green Crystal and, if necessary to remove the mark, bleach or alcohol)

Pencil	No mark visible
Ball point pen	No mark visible
Felt tip pen (non-permanent)	No mark visible
Permanent felt market (use alcohol wipe)	No mark visible

SPECIFICATIONS:

Water Based Styrene Acrylic Resin

Perm rating	33 Perms
Film Thickness:	Topcoat – 16 mils Basecoat – 35 mils.
VOC ASTM-D3960	0.10#/gal.

Color Pigments: All pigments shall be pure UV (Sunlight) resistant and chlorine resistant. A five year extended material warranty is available on the Emerald Texture System. This warranty states that no mold or mildew will form on properly installed Emerald Texture Systems.