

MARSHALL LABORATORIES, INC

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CLIENT -
TPR²
161 Interstate Lane
Waterbury, CT 06705

Results

	Fireshell JM-TC
ASTM D4400 Sag Resistance 4 - 24 Mils 14 - 60 Mils	> 24 Mils 35 Mils
ASTM D2486 Scrub Resistance, (1) Run 1 <u>Run 2</u> Average	309 <u>318</u> 314
ASTM D522 Flexibility, Mandrel Bend (1)	Pass 1/8"
ASTM D2794 Impact Resistance, 7 Days Dry (1) Direct, Inch - Pounds Indirect, Inch-Pounds	60 5
ASTM D4541 Adhesion, Pull-Off Strength (1) - Concrete	150 psi
ASTM D4585 Moisture Resistance, 100 Hours (1) - Mortar Blistering Loss of Adhesion Wrinkling General Appearance	10 - None None None Excellent
ASTM G153 Accelerated Weathering, 1000 Hours (1) - Mortar 4 Hours UVA 240 @ 60C / 4 Hours Condensation at 50C Gloss Change, Visual ASTM D1729 Visual Color Change ASTM D4214 Degree of Chalking ASTM D661 Degree of Cracking	

All panels were cured at 75 degrees F and 50% RH for 14 days
(1) - Applied at 20 Wet Mils

Dan Marschall

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Marschall Labs Inc.
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