

MARSHALL LABORATORIES, INC

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CLIENT -
TPR²
161 Interstate Lane
Waterbury, CT 06705

Results

	Fireshell BMS IC
ASTM D4400 Sag Resistance	
4 - 24 Mils	> 24 Mils
14 - 60 Mils	35 Mils
ASTM D2486 Scrub Resistance, (1)	
Run 1	1033
<u>Run 2</u>	<u>1207</u>
Average	1120
ASTM D522 Flexibility, Mandrel Bend (1)	Pass 1/8"
ASTM D2794 Impact Resistance, 7 Days Dry (1)	
Direct, Inch - Pounds	20
Indirect, Inch-Pounds	5
ASTM D4541 Adhesion, Pull-Off Strength (1) - Concrete	175 psi
ASTM D4585 Moisture Resistance, 100 Hours (1) - Mortar	
Blistering	10 - None
Loss of Adhesion	None
Wrinkling	None
General Appearance	Excellent
ASTM G153 Accelerated Weathering, 1000 Hours (1) - Mortar	
4 Hours UVA 240 @ 60C / 4 Hours Condensation at 50C	
Gloss Change, Visual	None
ASTM D1729 Visual Color Change	None
ASTM D4214 Degree of Chalking	10 (None)
ASTM D661 Degree of Cracking	10 (None)

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



Dan Marschall
Marschall Labs Inc.
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