



TBS COMPONENT DATA SHEET

TECHNICAL BARRIER SYSTEMS INC.



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1910 COATING

Single Component Interior and Exterior Coating

Description

1910 Coating is a single component, pigmented, water based, acrylic latex emulsion that is designed for concrete and asphalt surfaces and as a top coat for Kelmar® Traffic Deck Systems. .

contaminants that could be detrimental to proper bonding

Typical Uses

- Top coat for Kelmar® Systems
- Asphalt Coating
- Exterior Wall Coating
- Interior Wall Coating

Application

- Apply by brush, roller or airless spray equipment
- Recommended thickness, 2 to 4 mils DFT (1 - 2 coats)

Theoretical Coverage

- 200 – 250 sq. ft. per gallon

Features

- Permits migration of moisture vapor from the substrate
- Excellent UV resistance
- Weather resistant, excellent color retention
- Re-coatable
- Heat reflective when applied over asphalt

Physical Properties

Tensile Strength ASTM D-2370	1130 psi
Gardner Scrubability ASTM D-2486	No effect after 5000 cycles
Impact Resistance MIL 3134-F	No cracking on impact from 2lb steel ball dropped from 8 ft.
Taber Abrasion Resistance	Average loss after 5000 cycles using CS 10 wheels/500 gm loads. 0.1600 gm weight loss
U V Resistance ASTM G-26	No effect on color or film integrity after 120 hour exposure
Adhesion to C.A. Board Elcometer Method	Average 200 psi
Chemical Resistance ASTM D-1608	
Moisture Vapor Transmission ASTM E-96 Procedure B	8 perms, indication breathing type coating

Limitations

- Not to be used as a waterproofing membrane
- Do not use over surface contaminants such as curing compounds, grease, oil, or wet concrete
- Surface and air temperature must be at least 50°F (10°C) during installation and initial cure
- When applied as a topcoat over the Kelmar® System, the surface shall have reached its initial cure and must be clean and free of all

Safety Precautions

Please refer to Product MSDS Sheet.