



COMPONENT DATA SHEET

Kelmar®
waterproofing systems

KELMAR® 1910

Interior and Exterior Coating

Description

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

Typical Uses

- Topcoat for KELMAR® Systems
- Asphalt coating
- Exterior wall coating
- Breathable parking garage ceiling coating

Features

- Allows migration of moisture vapour from substrate
- Excellent UV resistance
- Weather resistant with excellent colour retention
- Re-coatable
- Heat reflective when applied over asphalt

Limitations

- Surface and air temperatures MUST be between 10°C (50°F) to 32°C (90°F) during installation and initial cure
- **Air/surface temperatures higher than 32°C (90°F) will decrease working time**
- NOT a waterproofing membrane
- When applied as topcoat over KELMAR® System, the surface MUST have reached initial cure

Application

- Concrete substrate must be clean, sound, dry and free from all contaminants detrimental to bond
- Apply by brush, roller or airless spray equipment
- Recommended thickness: 8-12 mils DFT (1-2 coats)
- Store material in a dry area 10°C to 27°C (50°F – 80°F)
- DO NOT FREEZE

Theoretical Coverage

- 200 sq. ft. per gallon at 8 wet mils
- 133 sq. ft. per gallon at 12 wet mils
- Coverage will vary depending on aggregate size and method of application

Physical Properties

Tensile Strength (ASTM D2370)	1130 psi
Gardner Scrubability (ASTM D2486)	No effect - 5000 cycles
Impact Resistance (MIL 3134-F)	No cracking on impact 2lb steel ball dropped from 8 ft.
Taber Abrasion Resistance	Average loss -5000cycles (CS10 wheels/500g load) 0.1600 g weight loss
UV 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
Hardness, Shore D (ASTM D2240)	71
Moisture Vapor Transmission (ASTM E-96 Proc. B)	8 perms, indication breathing type coating
VOC Content	82 g/L less water
% Solids	53.5

NOTE: The above test results were performed in a temperature controlled laboratory setting

Safety Precautions

Please refer to product Safety Data Sheet

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