



SYSTEM DATA SHEET

Kelmar[®]
waterproofing systems

KELMAR[®] MERDEK LD

Traffic Deck Waterproofing System

Description

The KELMAR[®] MERDEK LD System is designed for waterproofing areas subject to light traffic. The System consists of KELMAR[®] MERDEK Membrane and KELMAR[®] 1910 UV finish coat.

Components

1. KELMAR[®] MERDEK Membrane Resin and Hardener (Mix ratio 2:1)
2. KELMAR[®] 1910 UV Coating, single pigmented component

Typical Uses

- Mechanical equipment rooms
- Pedestrian walkways
- Balconies

Features

- UV Stable
- No Odor
- Easily maintained and repaired
- Fast installation cycle
- Slip resistant
- Can be applied over various substrates

Limitations

- All substrates must be sound, clean, dry (ASTM D 4263) and free from all contaminants
- Substrate temperature at the time of application must be between 10-32°C (50-90°F)
- Store in a dry area between 10-32°C (50-90°F)
- The KELMAR[®] MERDEK LD System has installation temperature limitations. Consult with R & D Technical Solutions Ltd. to confirm the appropriate installation conditions to achieve long term performance

Application

- Surface must be checked for soundness and any hollow areas must be removed; All depressions, spalled areas and cracks must be pre-filled with approved products
- Concrete substrate must have laitance removed by shot blast method or diamond grinding
- Detailing work such as injection and treatment of control and expansion joints shall be according to specification recommendation
- KELMAR[®] MERDEK Membrane should be applied by squeegee to a thickness of 20 – 25 wet mils and allowed to cure
- KELMAR[®] 1910 UV Coating can be applied by brush, roller or airless spray equipment, to a thickness of 8-12 wet mils

Theoretical Coverage

- KELMAR[®] MERDEK Basecoat 80 sq. ft./gal at 20 wet mils
- KELMAR[®] 1910 UV Coating 133 sq. ft./gal at 12 wet mils

Safety Precautions

Please refer to Safety Data Sheets per component

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