



## SYSTEM DATA SHEET

**Kelmar**<sup>®</sup>  
waterproofing systems

# KELMAR<sup>®</sup> MERDEK LD

## Traffic Deck Waterproofing System

### Description

KELMAR<sup>®</sup> MERDEK LD system is designed for waterproofing areas subject to light traffic. The KELMAR<sup>®</sup> MERDEK LD system consists of the basecoat membrane and KELMAR<sup>®</sup> 1910 UV finish coat.

R & D Technical Solutions Ltd. to confirm the appropriate installation conditions to achieve long term performance

### Components

1. KELMAR<sup>®</sup> MERDEK Basecoat Resin and Hardener (Mix ratio 1:1)
2. KELMAR<sup>®</sup> 1910 UV Coating, single pigmented component

### Typical Uses

- Mechanical equipment rooms
- Pedestrian walkways
- Balconies

### Features

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

### 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<sup>®</sup> MERDEK Basecoat should be applied by squeegee to a thickness of 20 – 25 wet mils and allowed to cure
- KELMAR<sup>®</sup> 1910 UV Coating can be applied by brush, roller or airless spray equipment, to a thickness of 8-12 wet mils

### Theoretical Coverage

- KELMAR<sup>®</sup> MERDEK Basecoat 80 sq. ft./gal at 20 wet mils
- KELMAR<sup>®</sup> 1910 UV Coating 125 sq. ft./gal at 12 wet mils

### Safety Precautions

Please refer to Safety Data Sheets per component

### 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)
- Not recommended for areas subject to freeze-thaw cycles
- The KELMAR<sup>®</sup> MERDEK system has installation temperature limitations. Consult with

### R&D Technical Solutions Ltd.

7000 Davand Drive, Mississauga, ON L5T 1J5 Canada Tel: 905.795.9900 Toll Free: 800.387.5703 Fax: 905.795.9912

[www.kelmar.com](http://www.kelmar.com)

[www.rdsolutions.ca](http://www.rdsolutions.ca)

Revision Date: May 6, 2016