



# SYSTEM DATA SHEET

## KELMAR®

# ECO SYSTEM

**Kelmar®**  
waterproofing systems

Page 1 of 1

## Traffic Deck Coating

### Description

KELMAR® ECO System is engineered to meet traffic deck coating requirements of most commercial and residential facilities. The KELMAR® ECO System consists of a wear course layer(s), broadcast to rejection with aggregate for maximum durability and slip resistance and an epoxy top coat.

### Components

1. KELMAR® CWC Resin and Hardener (Mix ratio 2:1)
2. KELMAR® 1920 UV Resistant Top Coat Resin and Hardener (Mix ratio 2:1)

### Typical Uses

- Parking garages
- Mechanical equipment rooms
- Computer rooms
- Pedestrian walkways
- Plaza decks & balconies

### Features

- Low VOC content
- Low odor
- 2 year warranty available
- Superior chemical resistance
- Contractor friendly installation
- Fast installation cycle
- Slip resistant
- Can be applied over various substrates
- Flame Spread (ASTM E84) – Class A

### Limitations

- All substrates must be sound, clean, dry (ASTM D 4263) and free from all contaminants
- Surface and air temperatures MUST be at least 10°C (50°F) during entire application and cure time
- Store in a dry area between 10-32°C (50-90°F)

- 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 done according to specification recommendation
- KELMAR® CWC can be applied by squeegee. Broadcast aggregate to rejection and allow to cure
- KELMAR® 1920 UV Resistant Top Coat can be applied by squeegee and back-rolled to an even finish

### Theoretical Coverage

- KELMAR® CWC 114 sq. ft./gal per wear course layer at 14 wet mils
- KELMAR® 1920 UV Resistant Top Coat 160 sq. ft./gal at 10 wet mils

### Safety Precautions

Please refer to Safety Data Sheets per component

### 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: December 17, 2018