



KELMAR®

MERDEK SBR

Traffic Deck Waterproofing System

Description

KELMAR® MERDEK SBR System is engineered to meet traffic deck waterproofing requirements of most commercial and residential facilities with light to medium traffic patterns where a waterproofing membrane is required. The KELMAR® MERDEK SBR System consists of a waterproofing membrane and wear course layer(s), lightly broadcast with aggregate and back-rolled for slip resistance.

Components

1. KELMAR® MERDEK MEMBRANE waterproofing membrane Resin and Hardener (Mix ratio 2:1)
2. KELMAR® CWC Resin and Hardener (Mix ratio 2:1)
OR
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
- 3 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® MERDEK MEMBRANE waterproofing membrane can be applied by squeegee and back-rolled to an even thickness
- KELMAR® CWC or KELMAR® 1920 UV Resistant Top Coat can be applied by squeegee. Lightly broadcast GS-20 aggregate (or equivalent) and back-roll to an even thickness

Theoretical Coverage

- KELMAR® MERDEK MEMBRANE 64 sq. ft./gal at 25 wet mils or 80 sq. ft./gal at 20 wet mils
- KELMAR® CWC or KELMAR® 1920 UV Resistant Top Coat 114 sq. ft./gal per wear course layer at 14 wet mils

Safety Precautions

Please refer to Safety Data Sheets per component

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