



## COMPONENT DATA SHEET

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

# **KELMAR<sup>®</sup> MERDEK - RUBBERIZED**

## Cushioned Flooring

### Description

KELMAR<sup>®</sup> Merdek Rubberized is a cushioned floor coating which is extremely durable with strong adhesion to concrete. The cushioned floor allows absorption of impact of fallen objects, such as tools, without breaking the integrity of the coating. KELMAR<sup>®</sup> Merdek Rubberized consists of KELMAR<sup>®</sup> Merdek Basecoat and #151 Aggregate (crumb rubber) mixed prior to application.

### Typical Uses

- Balconies
- Mechanical Rooms

### Features

- Soft on feet
- Absorbs shock of fallen tools, etc.
- Full waterproofing
- Very low odour
- Low VOC

### Limitations

- Concrete substrate must be clean, sound, dry and free from all contaminants detrimental to bond
- Surface and air temperatures MUST be at least 10°C (50°F) during installation and initial cure
- Surface must be checked for soundness and any hollow areas must be removed. All depressions, spalled areas, and cracks must be pre-filled with a product approved by R&D.
- Concrete substrate must have laitance removed via shot blast, mechanical sanding or etching

### Application

- Applied with trowel or squeegee
- Mix ratio - 1 part resin: 1 part hardener: 2 parts #151 Aggregate

### Theoretical Coverage

- 65 sq. ft. per gallon at 25 wet mils (without aggregate)
- 80 sq. ft. per gallon at 20 wet mils (without aggregate)

### Physical Properties

- **Pot Life:** 20-30 Minutes @ 22°C (72°F)
- **Tensile Strength** (ASTM D412) - 1500psi
- **Tensile Elongation** – no aggregate (ASTM D412) - 300%
- **Peel Adhesion** (ASTM D4541) - 15pli
- **Cure time:** 6-8 hrs
- **Gel Time:** 33 minutes
- **Water Vapour Transmission (ASTM D-1653):** 0.35 perms

### Safety Precautions

Please refer to product Safety Data Sheet

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Revision Date: Aug. 9, 2016