



KELMAR® NEO V

Elastomeric Waterproofing Membrane

Description

KELMAR® NEO V membrane is a polychloroprene-based elastomeric waterproofing membrane. Applied using brush, roller, lambswool/wood block applicator or airless spray, KELMAR® NEO V is a unique polymer which forms a tough, seamless, waterproof membrane with excellent crack-bridging capabilities. KELMAR® NEO V is used as a basecoat membrane that must be protected with KELMAR® TE or KELMAR® FWC epoxy wearcourse layers. KELMAR® NEO V can also be covered with other floor or deck products such as seamless epoxy floors, tile or terrazzo.

Typical Uses

- Parking structures
- Cold storage rooms
- Computer rooms
- Mechanical rooms
- Balconies
- Showers
- Kitchens
- Wet processing areas

Features

- Passes ASTM C1305 Crack Bridging at 30 wet mils application
- Blocks out chloride ions
- Excellent waterproofing
- Flexible over a wide range of temperatures
- Seamless installation ensures protection from moisture intrusion
- Single component
- High solids
- Low odor
- Non-flammable
- Does not embrittle with age
- 600% Elongation

Limitations

- MUST be installed by an Approved Applicator
- Surface MUST be primed with recommended primer prior to application

- Membrane MUST be re-primed if exposed to elements (humidity, precipitation etc.)
- Membrane MUST be re-primed if exposed to UV
- Surface and air temperatures MUST be at least 10°C (50°F) for 48 hours before, during and after installation

Application

- Primer layer must be tacky prior to application
- Do not allow to puddle
- Store material in a dry area 10°C to 27°C (50°F – 80°F)
- DO NOT FREEZE

Theoretical Coverage

- 50 sq. ft./gal (32 wet mils) to achieve approximately 20 mils DFT

Physical Properties

- **Solids:** 63% w/w
- **Weight per Gallon:** 10.6 lb/gal @ 22°C (72°F)
- **Specific Gravity:** 1.27
- **Flammability:** Self Extinguishing
- **Viscosity:** 3000 cps @ 22°C (72°F)
- **Tensile Elongation (ASTM D412):** 600%
- **Peel Adhesion on primed Concrete (ASTM C903):** 15 pli (0.27 kg/mm width)
- **Adhesion, Epoxy to Membrane (ASTM D4541):** 315 psi (2 Mpa)
- **Dry Time:** (dependant on air temp & humidity)
Cure or Recoat: 12-16 hrs
- **Water Vapour Transmission (ASTM D1653):** 0.35 perms
- **VOC Content:** Less than 5 g/L less water

Safety Precautions

Please refer to product Safety Data Sheet

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Revision Date: July 13, 2017