

# ROADWARE Safety Yellow CONCRETE MENDER™



**Roadware Safety Yellow Concrete Mender™** is a high-penetration two-part hybrid urethane that may be combined with sand to form a tough instant polymer concrete. This nearly water thin formula is designed to penetrate deep into the host concrete creating high-performance saturation bond, reinforcement of the repair area as well as permanent floor marking.

**Roadware Safety Yellow Concrete Mender™** produces polymer concrete markings that absorb shock and transfers the load of heavy traffic without cracking or dis-bonding. It is highly chemically resistant and can be applied in a wide range of temperatures. It is excellent for industrial floor markings in cold storage and freezer warehouses.

#### Features:

- Cures traffic ready in about 10 minutes at 70°F (21°C).
- Works in freezers. May be used at temperatures below -20°F (-28°C).
- Will not become brittle and crack apart like epoxy.
- Will not peel off like paint.
- Complete saturation bonding with the concrete with Microdoweling™.
- Highly chemical resistant.
- Bright yellow color when cured.
- Easy to clean
- Based on Roadware 10 Minute Concrete Mender™ with a 20 year track record in repairing concrete floors.

#### Benefits:

- Less down time
- Save money with a permanent solution.
- Increased safety

#### Sizes:

- 50 ml dual cartridge (70105Y)
- 21 fl oz. dual cartridge units (600 ml) with mixer (70300Y)
- 2 gallon kits (7.57 liters) in two parts (70020Y)
- 10 gallon units (45 liters) in two parts (70050Y)

#### Color:

Applies as a yellow transparent liquid and cures to a bright safety yellow.

#### Typical Properties: Value (average)

- Hardness @ 72° F. (22° C) 72D
- Compressive Strength (with sand) 4500 psi
- Elongation: 6%
- Tensile Strength: 4475 psi
- Bond Strength, ASTM 882-99: 1984 psi
- Viscosity (at application) <8 cps
- V.O.C.(mixed): 5.5 g/l
- Surface Tension (Wilhelmy Plate) 0.026 N/m
- Solids: 98%
- Cured Color: Safety Yellow
- Gel time @ 72° F (22° C) 6-7 min
- Cure time @ 72° F (22° C) 10 min
- Ambient temperature range for application -30°F - 120°F



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