

1. PRODUCT NAME

#501

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

#501 is a 100% solids, flexibilized two-part epoxy joint filler specifically formulated to meet the punishing demands of today's industrial floors. #501 is used to fill and repair joints and cracks subjected to hard wheeled traffic and will provide for a flexible and durable surface. #501 is flexible and resilient and will help protect floor cracks, saw-cut and control joints from cracking or spalling of the joint edges. #501 can also be mixed with sand and applied as a coating for a resilient non-skid surface.

OUTSTANDING FEATURES

- EASY MIXING AND POURING
- SELF-LEVELING or GEL FORMULAS
- BONDS TO DAMP SURFACES
- EXCELLENT CHEMICAL AND SOLVENT RESISTANCE
- NON-SHRINKING

Uses

For sealing and protecting saw-cut joints in concrete floors. #501 is ideal for use on:

- Joint and crack sealing and repair
- Flexible Membrane Coating
- Swimming Pools and Waterslides
- Waterproofing Membrane

4. APPLICATION INSTRUCTIONS

Floor Joints

- 1) Clean surface by sand blasting or grinding to provide clean and open surface.
- 2) Thoroughly mix measured amounts of 4 part of Part-A Resin with 1 part of Part-B Hardener by volume until streak free. Scrape side and bottom of pail frequently during mixing to insure a good mix. Mix only enough that can be applied in 45 minutes.
- 3) Pour #501 into joint flush to surface.
- 4) Excess material can be removed with a razor knife after 3-4 hours of cure.

Membrane Coating

Spread mixed epoxy with a notched squeegee and back roll with a 3/8" nap roller to desired coating mil thickness. Broadcast silica sand into wet coating for additional abrasion resistance or aluminum oxide into wet coating for skid resistance if required.

Packaging

#501 is available in 2 kit sizes:
1 Gallon Kits and 5 Gallon Kits.

Color

Amber Clear or Light Gray or White. Custom colors.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for min. 24 months.

Limitations

- Not for use on contaminated or oily surfaces.
- Do not install when surface temperature is below 45°F (7°C) or above 95°F (32°C).
- During damp and/or cool conditions epoxy will cure slower and protect finished work from traffic until fully cured.

Cautions

- Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements.
- #501 may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
- For professional use only.
- Keep out of reach of children.

5. TECHNICAL DATA

Test/Test Method	Results
Hardness Shore A, ASTM-D-2204	60
Tensile ASTM D-412	500 psi
Elongation at Break ASTM D-412	100%
Pot Life @ 75° F (1 quart)	30 minutes
Initial Cure Time @ 75° F	14 hours
Final Cure Time @ 75° F	36-48 hours
Mix Ratio by Volume A:B	4 to 1
Mixed Color	Specify Clear or Grey or White
Viscosity Liquid	2,500 cps*
*Also available in Non-Sag Gel	

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