

# MetalTec® 7000

## Data Sheet



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### Trowelable High Performance Compound for Abrasion and Erosion Resistance

Trowelable two-component composite designed for rebuilding and coating surfaces exposed to wet or dry particle abrasion, friction, erosion and cavitation from fast moving liquids. Highly resistant to corrosive attack and is heat resistant to 500°F (260°C).

MetalTec 7000 is a non-shrinking composite formulated with abrasion resistant ceramic fibers in various precalculated shapes and sizes. The unique chemistry produces a coating with ultra high compressive strengths to support heavy and excellent adhesive strength.

USDA accepted for incidental food contact.

### Specifications

**Product Type:** MetalTec

#### Properties

Compressive Strength (ASTM D695): 22,500 psi

Adhesive Strength (ASTM D1002): 3,000 psi

Shore D Hardness: 95

Temperature Resistance: Wet - 225°F (107°C)

Dielectric Strength (ASTM D149): 500 volts/1 mil thickness (25 microns)

Mix Ratio - By Volume: 3 parts B to 1 part A

Mix Ratio - By Weight: 3 parts B to 1 part A

Working Time @ 70°F(21°C): 30 minutes

Cure Time @ 70°F(21°C): Usable in 3 - 4 hrs.

Coverage: 2.2lbs covers 2.22ft.(0.20m<sup>2</sup>) @ 1/8"(3.2mm) thick

### Applications

Suggested Applications:

Worn shafts, ball and gate valves, bearing surfaces, valve stems, pump cases, impellers, feed chutes, liners, hopper, slurry lines, pipe elbows, mixing equipment paddles, feed screws, augers, cyclones, fan blades, ship hull and propeller maintenance, lining tanks and surfacing areas too thin to be welded.

#### Standard Packaging

2.2 lbs (1 kg) Box, 11 lbs (5 kg) Box, 33 lbs (15 kg) Box

