

MetalTec® 6300

Data Sheet



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Rapid Curing Two Component Composite For Quick Repairs

A rapid curing trowelable and machinable grade composite repair compound, formulated with stainless steel for durability and performance. Protects surfaces exposed to temperature up to 400°F (204°C).

Repairs made with MetalTec 6300 are non-shrinking and cure to use in about 30 minutes. Repairs are easily machined and offer excellent corrosion resistance to organic and inorganic acids, alkalis, solvents, oils and detergents.

It's thick consistency allows it to be troweled and molded to almost any shape or contour. It may be applied up to 1/4" (6.0mm) thick without sagging.

USDA accepted for incidental food contact.

Specifications

Product Type: MetalTec

Properties

Compressive Strength (ASTM D695): 17,800 psi

Adhesive Strength (ASTM D1002): 3,000 psi

Shore D Hardness: 96

Temperature Resistance: Wet - 200°F (93°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): 15 minutes

Cure Time @ 70°F(21°C): 45 minutes to 1 hour

Coverage: 2.2lbs covers 2.22ft.(0.20m²) @ 1/8"(3.2mm) thick

Applications

Repairing gouges, dents, holes, blow holes, surface defects, cracks in metal castings, cracked battery cases, leaking fuel and storage tanks, leaking pipes, scored pistons and cylinders, leaking gutters, downspouts and stripped threads. MetalTec 6300 will also repair improperly drilled holes, leaks in radiators, as well as attaching signs to concrete and other surfaces.

Standard Packaging

2.2 lbs (1 kg) Box

