

7032

POROSITY SEALANT

KATS 7032 is an acrylic water based sealant that has been formulated to eliminate porosity leaks through the process of polymer impregnation. It is suitable for use on ferrous and nonferrous castings and carbon fiber products.

KATS 7032 fills and covers small voids that may be inherent in the materials. It will enhance the bonding capability of powder coats, water based paints, and other types of coatings.

Surface must be clean and dry. The surface temperature should be 45° - 200°F (7° - 93.3°C).

The item to be coated can be placed in a vat of product or a generous flow of product can be poured over the surface.

Allow the coating to dry 20-30 minutes at room temperature before handling. Force dry, if needed.

Wet Film Thickness ... 0.5 - 1.0 mil (12.7 - 25.4 microns)

Dry Film Thickness 0.1 - 0.2 mil (2.5 - 5.1 microns)

Typical Coverage..... 2000 - 4000 ft² /gal
(49.3m²/l - 98.5m²/l)

BENEFITS:

- 0.1 lb/gal (12 gm/liter) of VOC
- Solidifies to block differential pressure and leaks
- Reduces rejected material due to voids
- Good chemical resistance
- Fast drying
- Dries clear
- Non-flammable
- Environmentally safe

APPLICATIONS:

Use KATS 7032 to seal porosity on cast metal such as cast iron, aluminum, magnesium, and bronze as well as imperfection of carbon fiber. Also suitable for use on metal components to enhance powder coat. Typical applications include:

- Engines
- Manifolds
- Coolant connectors
- Transmission cases
- Pump housings
- Fluid power components

TEST METHOD	DESCRIPTION	TYPICAL CHARACTERISTIC
MKA 02W001	Pressure Test Bubbling of Coated Item at 25 psig	Pass
ASTM D-3359	Adhesion Test Paint Loss	Pass
MKA 02W039	Pressure Test Leaks after 60 days at 300°F (149°C)	Pass
ASTM D-1475	Density	8.6 lb/gal (1.03 g/cm ³)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

260 Gallon Totes	55 Gallon Drums	5 Gallon Pails
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A Division of **The Whitmore Manufacturing Company**

930 Whitmore Drive • P.O. Box 9300 • Rockwall, Texas 75087 • USA • (972) 771-1000 • Fax: (972) 722-2108

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