



EpoxySystems' Product #651

Ceramic Filled Trowel Grade Epoxy

DESCRIPTION

PRODUCT #651 Ceramic Filled Trowel Grade is a two-component, 100% solids, ceramic reinforced, trowelable polymeric compound which can be used to repair virtually any metal surface that has been damaged by erosion/corrosion, cavitation or abrasion.

ADVANTAGES

- Non-sagging
- Abrasion-resistance
- No shrinkage
- Excellent adhesion to all metals
- Chemical-resistance
- Heat resistance up to 450 F

WHERE TO USE

- Pump impellers and casings
- Condenser tube sheets
- Valve discs & bodies
- Condenser boxes
- Tank surfaces
- Pipe bends & elbows

PHYSICAL PROPERTIES

Color	Gray
Mix Ratio	2A:1B by volume
Pot Life	20 mins. @ 75 F
Specific Gravity	1.88
Compressive Strength ASTM D 695/7 days	17,000 psi
Flexural Strength	ASTM D 790/7 days 15,000 psi
Shear Strength (tensile: steel to steel) ASTM D 1002	2,400 psi

SURFACE PREPARATION:

All surfaces to be repaired must be clean of dirt, grease and oil. For best results, remove contamination with abrasive blasting and non-flammable cleaner/degreaser, making sure all dust is removed.

MIXING

Mix entire contents of the base and activator or measure accurately (2) parts of base and (1) part of activator, by volume, and mix with spatula thoroughly to produce a streak-free material. Scrape frequently to insure complete mixing.

APPLICATION

Apply by spatula or applicator. Material should be worked into the profile of the surface to achieve maximum adhesion. Material can be heat-cured for one (1) hour at 200 F to achieve ultimate properties.

YIELD

1kg. kit will yield approximately 32 cu. in.

PACKAGING

Available in kg. units.

LIMITATIONS:

Material should be used in 40 to 90 degrees F temperatures and in less than 90% humidity.

CAUTIONS:

"A" Component: Warning! Contains epoxy resin. May cause skin irritation or allergic response. Avoid contact with skin. Avoid breathing vapors when heated. In case of skin contact, wash thoroughly with soap and water. In case of ingestion, **do not** induce vomiting.

"B" Component: Warning! Danger! Causes severe burns. Contains alkaline amines-strong sensitizer. Avoid skin contact. Avoid breathing vapors when heated. Wear protective gloves, goggles and barrier creams. In case of skin contact, wash thoroughly with soap and water. In case of ingestion, induce vomiting. If irritation persists, seek medical attention.

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

For more information please contact:

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