

EpoxyOne

Mortar & Grout for all types Ceramic Tiles

TECHNICAL BULLETIN

PHYSICAL FORM

Liquid - Viscous Syrup
Powder - VOC free, water Dampened
Fine Silica Sand

PACKAGING

Each EpoxyOne kit includes Epoxy Liquid and Damp Fine Silica Sand, sponges, gloves, mixing container

AREAS FOR USE

For use as a Joint Filler (grout) and adhesive for tiles and various hard surface floor and wall coverings in difficult areas.

TEMPERATURE LIMITS

Air and surface temperature above 50 deg F

SAFETY

Wet Flammability - No flash at >450 deg F
Dry Flame Spread - None
Threshold Limit Value - Low-refer to MSDS
Medical - Refer to MSDS

MIXING

No precise measuring of components is required. Mix only the amount of material needed. Replace the lid on the liquid epoxy and seal damp silica containers securely immediately after desired portion is removed.

COVERAGE

Refer to instruction sheets. Depends on application, size tiles and other use factors.

TOOLS FOR APPLICATION

Proper tools normally used with epoxy materials.

LIMITATIONS

Epoxy materials are thermo-setting resins and are temperature sensitive. See complete instructions for use.

WEIGHT

10 lb. gallon for liquid part (1.2 kg/L)
24 lbs. of damp silica (sand) in two bags

DOT SHIPPING LABEL

See MSDS

APPLICABLE TEST REQUIREMENTS

As required by use.

DESCRIPTION AND BASIC USE: EpoxyOne is a low odor, single component epoxy with the resin and the catalyst combined into a single liquid. This keeps the two important ingredients always in exact proportion, eliminating mistakes.

The catalyst is released by the damp silica (sand) when it is added to the liquid. This allows the applicator to mix and use any amount needed, from a few ounces to the entire unit. After each use, immediately replace the lid on the liquid and on the damp silica containers, and they will be ready for the next application.

EpoxyOne features very high impact and compressive strength as well as chemical and wear resistance. EpoxyOne has virtually no noxious fumes, making it ideal for interior or exterior use. It is also much safer to handle than other epoxy compounds because the curing agent is encapsulated in the total liquid and is released only by contact with water (damp silica).

SUGGESTED USES: EpoxyOne is designed to overcome most of the problems of normal two-mix epoxy systems. EpoxyOne works easily on either horizontal or vertical surfaces. For use with narrow grout joints simply add provided damp silica to about one part liquid to one part damp silica and for use in wide joints simply add more damp silica. Additionally, setting time of EpoxyOne is extended over regular epoxies, providing maximum usefulness. EpoxyOne develops exceptional compressive strength when fully cured.

BENEFITS INCLUDE:

- **ECONOMICAL! NO WASTE! No weighing or exact measuring. Mix only what is needed - save the rest.**
- **LOW ODOR! Virtually no offensive or irritating fumes.**
- **EASIER, FASTER CLEAN-UP using plain or mild soapy water!**
- **NO SAGGING on vertical surfaces!**
- **LONG SHELF LIFE. Up to 6 months or more with proper handling.**
- **EASY TO USE! Handles easier than ordinary old fashioned double component epoxy compounds.**
- **EXTENDED SET UP TIME over regular epoxies.**
- **NO FLOW CYCLE.**
Virtually no VOCs.

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