

General Description:

EPOXY PUTTY # 69 is a two component non-shrink epoxy filler based on epoxy resins, polyamide hardener and selected fillers.

Major Uses:

- For extremely strong repair works on steel, concrete and wood structures such as bridges, tunnels, tank, etc.
- For patching – up holes and surface irregularities.

Advantages:

- High build
- Ease of application.
- Chemical resistant
- Abrasive resistant
- Good Adhesion.

Characteristics and Physical Properties:

Colour	White, grey, tile red
Component	Two (2)
Mixing Ratio	1 : 1 By volume
Pot Life	2 – 3 Hrs. after mixing
Shelf Life	12 months
Drying Time	4 hrs. after application
Curing time	7 Days.

Chemical Resistance:

Water, de – ionized	- Very Good.
Sulphuric Acid, 14%	- Good.
Nitric Acid, 30%	- Good.
Acetic Acid, 10%	- Good.
Caustic Soda, 20%	- Good.
Petrol	- Very Good.
Toluene	- Very Good.
Styrene	- Very Good.
Hydraulic Fluid	- Good.

Coverage: As a guideline, the theoretical spreading rate at 200 microns is about 3m² / kg. (5. 1 m² / lit.)

Surface Preparation:

- New concrete substrates should be at least 28 days old and the moisture content of the substrates should be less than 5%.
- All laitance and loose materials must be removed from the surface. If the concrete is strong and sound, this may be achieved by acid etching followed by thorough washing with water, the floor must be left to dry.
- Cracked and damaged concrete or heavy laitance should be prepared by grit blasting until a solid surface is reached showing exposed aggregate.
- All dust and debris should then be removed. Surfaces contaminated with oil or grease should be flamed cleaned and thoroughly wash with a good detergent.

Mixing and Application:

Mix thoroughly resins part and hardener as per specified mixing ratio by using trowel, putty knife or squeezer can be utilized. EPOXY PUTTY # 69 can be overcoated with all epoxy based topcoats after 24 hrs. drying time. It is essential to slightly abrade the putty for an excellent adhesion of topcoats.

Storage:

Store in cool areas below 25°C. Keep container tightly close.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Epoxy Thinner # 135 as soon as possible.

Physiological Hazards:

EPOXY NON – SHRINK PUTTY # 69 does not contain solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. The mixture, in its liquid state is non – flammable but harmful if swallowed. If contact with eyes occurs, cleanse with fresh water and seek immediate medical advice.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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