

ECHO EPOXY PUTTY

• DESCRIPTION & FIELD OF APPLICATION

Echo epoxy putty is a two-component, high solid epoxy filler, which-when fully-cured is resistant to water, aliphatic hydrocarbons, and can be used to repair a variety of surfaces including metal, wood, glass, concrete and ceramics...

Echo epoxy filler has excellent lap shear strength characteristics for repairs on any type of surfaces, it has excellent filling properties and can be recoated with epoxy and polyurethane coating systems.

Echo epoxy filler is recommended for use as a repair filler or levelling compound for interior steel, concrete substrates or concrete floors, hardwood, and other rigid materials.

• MAIN FEATURES

- Excellent adhesion to a wide variety of substrates
- Does not shrink after curing
- High bonding, compressive and flexural
- Resistant to sagging
- High build consistency
- Suitable for filling voids with thick cross-section
- Resistant to impact, vegetable, mineral oils and alkalis
- Water proof when cured
- Can be over coated by epoxy/PU toppings

• PHYSICAL SPECIFICATIONS

- | | |
|----------------------------|-----------------------------------|
| - Nature | - Two component |
| - Solid by Weight | - 98 ± 1 % |
| - Coverage rate | - Depending on surface condition |
| - VOC content | - 10 g/l |
| - Mixing Ratio (by volume) | - Comp. (A) 4 / Comp. (B)1 |
| - Pot life | - About 45 minutes (after mixing) |
| - Flash point | - 65°C |
| - Surface Dry | - 4-6 hour(s) 23°C |
| - Hard Dry | - 12 hour(s) 23°C |
| - Fully cured | - 4-7 day(s) (approx.) 23°C |
| - Specific Gravity | - 1.40 ± 0.05 (mixed) Kg/L |
| - Film Thickness | - depending on surface condition |

- **SURFACE PREPARATION**

1. Surface should be sound, dry, clean and free of all loose particles such as rust, grease, cement laitance, etc...
2. Epoxy filler shall be applied to sound, clean and dry substrates in order to achieve maximum adhesion between the substrates.
3. New concrete floors should be cured for at least 28 days.
4. Laitance can be removed by sand blasting or grinding.
5. Oil and grease can be removed by using degreaser or by steam cleaning.

- **MIXING**

1. Echo Epoxy filler is a two-part system (base and a hardener), Use a slow speed drill with attached mixing blades.
2. Use an empty cleaned container for mixing. Mix part 'A' (base) with slow speed drill and add part 'B' (hardener) and mix thoroughly until the paste is smooth and lump free.
3. It is recommended to mix the total quantity at once.
4. Setting time is 30 minutes.

- **APPLICATION**

1. Apply Echo Epoxy filler using trowel or spatula.
2. Cracks and rigid joints can be filled either by troweling, or grouting.

- **INSTRUCTIONS FOR APPLICATION**

- Tools
- Thinner
- Spatula, Trowel or Putty Knife
- No thinning required (ready to use)

- **PACKING**

- 25 kg Pail, 4 kg container, 1Kg

- **STORAGE**

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.
- Containers must be kept tightly closed after partial usage.
- Storage life: up to 5 years from date of production, if stored as suggested.

- **REMARKS**

- As with all chemical products, caution should always be exercised. Protective clothing, such as gloves and goggles, should be worn.
- Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately.
- Clean tools immediately after use by acetone, xylene, toluene solvents or epoxy thinner.
- For more information, please do not hesitate to contact our Technical Department.