

ACTPOX PUTTY®

Thixotropic Epoxy Resin Adhesive

DESCRIPTION

ACTPOX PUTTY® is a two component, 100% solids, solvent free epoxy resin adhesive system.

It has a thixotropic consistency and is specially designed for leveling uneven surface and blow holes of concrete surfaces, wood & gypsum boards.

USES

- Adhesive leveling compound for concrete, mortar, renderings, steel iron.
- Fixing ceramic tiles in hygienic and heavy-duty conditions such as industrial kitchens, dairies, bottling plants, etc.
- Bonding concrete to concrete and metal to concrete.
- Patching repairs and waterproofing to defective concrete.
- Filling gap and shrinkage cracks in concrete.
- Filling dead cracks in plaster.
- Fixing Carbon Fibre Laminates.
- Waterproof background putty for marble, tiles, etc.
- Fixing Anchors and Starter bars in Concrete.

ADVANTAGES

- ACTPOX PUTTY® Can be applied from 0.1mm thick on both dry and damp surfaces.
- Hardens without shrinkage, solvent free.
- Excellent mechanical strength and adhesion to concrete, wood, and metal.

- Resistant to a wide range of acids, alkalis and chemicals.
- ACTPOX PUTTY® Cured surface is water impermeable.
- ACTPOX PUTTY® Can be over coated with epoxy coating system.

SURFACE PREPARATION

- All surfaces must be clean, dry, and free from oil, grease, coatings, curing compounds, frost, standing water, and all loose particles. Cement laitance must be removed. Steel should be sanded or grit blasted to near white.

MIXING

- The part B component is mixed with Part A thoroughly until a uniform light grey consistency is attained.

APPLICATION

- Apply ACTPOX PUTTY® using a trowel, spatula, or glove. Multiple coats may be necessary depending on the surface condition.
- On vertical surfaces, non-sag up to 10mm thickness. Ensure good rubbing on damp surfaces.

CLEANING

- Clean tools with Thinner while ACTPOX PUTTY® is still wet.

PACKAGING

- 1 kg set (A + B), yields approx. 0.7 Ltr
- 2 kg set (A + B), yields approx. 1.25 Ltr



HEXA CONSTRUCTION CHEMICLAC LLC.



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TECHNICAL PROPERTIES

Properties	Results	Test Method
Density	1.63 gm/cm ³	(ASTM D 792-00 A)
Pot Life@20°	30 minutes	(ASTM D 2471-99)
Mixing Ratio Resin: Hardner	1 : 1 by Volume	
Compressive Strength	65 N/mm ² @7 days	(ASTM D 695 – 02 A)
Flexural Strength	43.8 N/mm ²	(ASTM D 790 – 03)
Tensile Strength	20.7 N/mm ²	(ASTM D 638 – 03)
Lap Shear Tensile Strength on Steel	26.2 N/mm ²	(ASTM D 1002 – 01)
Hardness, Shore D (Full Cure, 1 hour)	86	(ASTM D 2240 – 05)
Glass Transition Temperature	102.4 20°	DSG
Shrinkage	Nil	(ASTM D 2556)
Color After Cure	Light Grey	

STORAGE

- Minimum 24 months in original unopened container below 300 C away from direct sunlight.



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