

SUPREME EPOXY PUTTY

TWO COMPONENT EPOXY BASED PUTTY

PRODUCT DESCRIPTION

SUPREME EPOXY PUTTY is a multi purpose two part epoxy material when mixed will cure to high strength adhesive which is water and chemical resistant it is composed of liquid epoxy resin, anine hardener, inert microfine filer and additives.

STANDARD

It conforms to the specification as per requirements: ASTM D-695 & ASTM C-580.

PRODUCT PROPERTIES	SUPREME EPOXY PUTTY
Nature	Two Component
Colour	
Comp 'A'	White
Comp 'B'	Black
Mixed Specific Gravity At 30 °C	Grey
Comp 'A'	1.66 + 0.02
Comp 'B'	1.78 + 0.02
Mixed	1.72 + 0.02
Solubility After Cure	Insoluble
Sensitivity To Moisture	Negligible
Application Temperature, °C	+5 To 45
Pot Life @ 30 °C, Minutes	40 - 45
Cure Time @ 30 °C, Hours	10 - 12
Full Cure @ 30 °C, Days	3
Compressive strength, mPa	
1 day	50 - 60
7 days	80 - 82
Flexural strength, mPa 7 days	84 - 85

ADVANTAGES

- Easy to use
- High bonding, compressive and flexural strength for horizontal, vertical and overhead jobs
- Resistant to impact, vegetable, mineral oils and alkalis
- Immersible permanently in water
- Excellent grindiry ability
- Can be overcoated by epoxy / PU toppings

AREAS OF APPLICATION

- Watertight repairs and structural sealing of cracks, holes, honeycomb and rigid joints
- Bonding of ceramic tiles, pre-cast elements, curb stone, panels, pipes, wood and metal profiles, ceramic & rubber etc.
- Adhering new to old concrete, concrete and plasters, concrete and metal (dowel bar, base plates etc.)
- Anchoring of engine bolts, doors, windows, anchor bars, marble to plywood etc

APPLICATION METHODOLOGY

Surface Preparation:

Surface should be sound, dry, clean and free of all loose particles, rust, grease, cement laitance etc. Dr. Fixit Pidipoxy putty shall be applied to sound, clean and dry substrates in order to achieve maximum adhesion between the substrate. New concrete floors should be at least 28 days of age. Laitance can be removed by sand blasting. Oil and grease can be removed by using degreaser or by steam cleaning.

Mixing:

Dr. Fixit Pidipoxy putty is a two-part system. Use a slow speed drill with attached mixing blades. Use an empty cleaned container for mixing. Mix part 'a' with slow speed drill and add part 'b' and mix thoroughly until the paste is smooth and lump free. It is recommended to mix the total quantity in one time.

Application:

Apply by trowel or spatula to contact surface and press both the parts together until cure. Cracks and rigid joints can be filled either by troweling, or grouting.

PRECAUTIONS & LIMITATION

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.

CLEANING

Clean tools and tackles immediately after use by acetone, xylene, toluene solvents or epoxy thinner.

COVERAGE

1kg/m² per coat, approximately (depending on the surface and the means of application).

PACKAGING

Available in 2 kg.

SHELF LIFE & STORAGE

Shelf life is 1 year from the date of manufacturing when stored in cool and dry place in unopened containers.

Our Products & Services

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