

**CRES®PUTTY EP 100** is two component non sag epoxy resin based putty for concrete surfaces. Epoxy putty consists of fillers and non sagging additive which makes it ideal for application on vertical surfaces.

## USES

- Concrete surfaces: Filling of blow holes cracks and surface imperfection upto 5 mm.
- As a skim coat/filler on prepared floors prior to application of finish coatings.
- It is used in crack filling on horizontal, vertical and over head surface.

## ADVANTAGES

- Thixotropic, Can be used in vertical and overhead application.
- Easy to apply solvent free 100 % solid content. Can be trowelled to a smooth finish.
- Applied directly to concrete surfaces without the need of primer or bonding agent

## SURFACE PREPARATION

Surfaces should be sound. Clean and free from contaminants loosely adhering particles such as cement, laitance, rust scales etc. should be removed by suitable means.

## APPLICATION

Application can be carried out by a steel trowel or putty knife or scraper. Press firmly the mixed mortar into the area to be filled to ensure proper adhesion and full contact. The epoxy putty shall be applied at a maximum thickness of 5mm in one layer. Additional layers should be applied after the applied mortar achieves its initial cure. The area repaired with **CRES®PUTTY EP 100** can be over-coated with any epoxy or polyurethane coating after it achieves its initial cure.

## MIXING

**CRES®PUTTY EP 100** Part A and Part B shall be pre-mixed separately using a low speed drill (600 rpm) for 1 minute. Add Part B over Part A mix the two parts for 2 to 3 minutes by using a low speed drill (600 rpm) till a uniform color and consistency is achieved. It is recommended to mix an entire kit at a time. Mixing can be done provided both the parts are accurately measured by weight.



## TECHNICAL PROPERTIES

| Description                             | Value         | Standard   |
|-----------------------------------------|---------------|------------|
| Colour                                  | Grey          | -          |
| Specific Gravity @25 °C                 | 1.7 (±0.05)   | ASTM D1475 |
| Solid Content, %                        | 100           | -          |
| Pot Life                                | 30 Min.       | -          |
| Drying time @25 °C                      | 4.0           | -          |
| Application Thickness (mm/layer)        | 0-5           | -          |
| Application Temperature                 | 5 °C to 35 °C | -          |
| Compressive Strength, N/mm <sup>2</sup> | > 73          | ASTM C579  |
| Flexural Strength, N/mm <sup>2</sup>    | > 30          | ASTM C580  |

All values given are subject to 5-10% tolerance

# CRES®PUTTY EP 100

Solvent Free Non Sag Epoxy Putty



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## COVERAGE

CRES®PUTTY EP 100 will be consumed at a rate of 1L/m<sup>2</sup>/mm thickness. Depending on the substrate condition the coverage may vary.

## STORAGE

CRES®PUTTY EP 100 must be stored in a covered area, away from direct sunlight and protected from extreme temperature.

## CLEANING

Clean tools immediately after use with strong solvent. Hardened materials can be removed by mechanically.

## PACKING

CRES®PUTTY EP 100 is supplied in 6kg kit.

## SHELF LIFE

Keep away from direct sunlight and store under normal warehouse conditions. Container must be tightly closed. Shelf life of this product is 12 months from the date of manufacturing.

## HEALTH & SAFETY

It is non-hazardous and non-flammable emulsion. Always wear hand gloves, safety shoes and safety goggles while using and handling this product. Avoid contact with skin and eyes. When contact with eyes, wash with plenty of water and seek medical facilities immediately.

### Product Disclaimer:

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable. All recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control. It is the customer's responsibility to ensure each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

\*Refer material safety data sheet (MSDS) for further information.