

# Polyglaze®

## PZ CN EPOXY KIT



### PRODUCT DESCRIPTION

Polyglaze PZ CN Epoxy Kit is a two-component, low-viscous liquid system formulated to fill porosity, hairline cracks, and larger surface gaps in natural or artificial stone. It also improves color vibrancy and provides a glossy finish.

### AREAS OF APPLICATION

- ◆ All types of natural stones

### ADVANTAGES

- ◆ Penetrates deep to fill cracks & pores
- ◆ Easily pigmented
- ◆ High strength after curing
- ◆ Heavy duty and durable finish
- ◆ Excellent surface adhesion
- ◆ Gloss - enhancing properties
- ◆ UV resistant for longer life

### APPLICATION METHODOLOGY

#### Surface Preparation

- ◆ Remove any loose particles, debris and dust from the surface
- ◆ Wipe the surface with acetone to remove oils and contaminants
- ◆ Lightly sand with fine-grit sandpaper for better bonding and clean off dust
- ◆ Ensure surface is completely clean and dry before application

#### Mixing

- ◆ Mix Part A (Resin) and Part B (Hardener) in the ratio of 2:1
- ◆ Use a mixer for larger quantities. Prepare only the quantity that can be used within the pot life of 30 minutes

#### Application / Grouting

- ◆ Apply the mixed product using a rubber trowel / spatula or any other suitable tool

- ◆ Spread a thin, even layer across the surface
- ◆ Ensure full coverage of the area
- ◆ Use a spiked roller within 10 minutes to remove air bubbles
- ◆ Allow the product to self - level
- ◆ Remove any excess material before it cures

#### Cleaning

- ◆ Residues of Polyglaze PZ CN Epoxy should be cleaned from tools and coated surfaces with acetone while the epoxy coat is still fresh

#### Curing

- ◆ Allow the coating to cure for at least 24 hours under normal weather conditions.
- ◆ Do not expose the surface to high temperatures, water or moisture during the product setting time.

### PACKAGING

- ◆ Polyglaze PZ CN Epoxy is available in
  - 1.5 kg kit (Part A 1kg and Part B 500g)
  - 6 kg kit (Part A 4kg and Part B 2kg)

### STORAGE & SHELF LIFE

- ◆ Store in a dry place away from moisture and sunlight
- ◆ 24 months from the date of manufacture in unopened sealed condition

### PRECAUTIONS & LIMITATIONS

- ◆ Ensure surface moisture level is below 4% before application
- ◆ Apply at ambient temperature for best results
- ◆ Wear hand gloves during application
- ◆ Clean the tools immediately after use

## PHYSICAL PROPERTIES

Physical Appearance	Part A (Resin): Transparent, Part B (Hardener): Transparent
Mix Density	1.10 g / ml
Application Temperature	8°C to 35°C
Pot Life	Approx. 15 - 30 minutes
Setting Time	4 - 6 Hours
Foot Traffic	24 hours
Full Cure	7 Days

## PERFORMANCE PROPERTIES

PROPERTIES	STANDARD	PZ CN EPOXY KIT
Compressive strength	ASTM C579	> 60 N/mm <sup>2</sup>
Tensile strength	ASTM C307	> 30 N/mm <sup>2</sup>

## COVERAGE

- ◆ Approx. 150 - 200 gms / m<sup>2</sup>
- ◆ Coverage will vary depending on the weather conditions, porosity, smoothness of the surface and application thickness.

## HEALTH & SAFETY

- ◆ Use a respiratory mask and protective gloves during application.
- ◆ Clean hands with soap and water after application.
- ◆ Avoid contact with skin / eyes. In case of unlikely contact, rinse eyes immediately with plenty of clean water and cleanse skin with soap and lukewarm water. Seek medical advice if irritation occurs / persists.
- ◆ In case of unlikely swallowing, seek medical attention immediately.

### Disclaimer:

The information in this TDS is for general guidance only. Specific advice for site conditions is available upon request. Details provided by the company are in good faith, when product is properly stored, handled, and applied under normal conditions. The site conditions, material compatibility, and workmanship are beyond our control, no warranties expressed or implied are given. The company accepts no liability for unsatisfactory results or consequential damages arising from product use.



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