



# VISTA

## VISTA POXYBOND -215

(High Strength Self Leveling/ Injectible Epoxy Grouting Compound)

### DESCRIPTION :

VISTA POXYBOND – 215 is a three component solvent free, free flowing, non-shrinking fast curing epoxy resin system used for pourable epoxy grout. It conforms to ASTM- C881, type-1. Cracks and voids of any nature can be successfully sealed.

### ADVANTAGE:

- Free flowing and non-shrink system.
- Resistance to acids and alkalis
- Moisture insensitive
- Useful and helps rapid installation process with high strength.
- Very useful in sealing wider cracks.

### MIX RATIO:

Component A- 2 parts by weight: Component B-1 part by weight: Component C-5 parts by weight

### APPLICATION:

#### Surface Preparation:

The area to be treated should be properly cleaned by wire brush. Injection ports/nozzles are fixed at a regular spacing. The ports/nozzles to be sealed on the surface to prevent the grout from oozing out at the time of injection operation . It can be directly poured into wider cracks to fill it by gravity.

#### Concrete Surface:

Before application surface preparation is important, surface should be cleaned, dry, and free from loose particles, oil, grease or other foreign materials. All undulation, blow-holes and surface imperfections are to be made good before application.

#### Mixing:

Component-B Polyimide Hardener and Component- A Resin are mixed at first, and then Component C Special Aggregate is slowly mixed well, so as not to entrap air into the product. Mixing is done for 2-3 minutes using a drill paddle (maximum 200-300 R.P.M). Only required quantity of material is to be mixed for immediate use. The mixed material should be kept undisturbed for 2-3 minutes, so that if any entrapped air is there it escapes from the mix.

#### Injection:

The Grout mixture is pumped through the ports/nozzles fixed by mean of positive displacement pump till there is refusal from the nozzle or the mixture comes out of the adjacent nozzle.



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**Cleaning:**

Clean all tools & equipment immediately after use with, Xylene, Toluene or suitable solvent.

**PROPERTIES:**

Colour	Off White
Density	1250-1350 Kg/m
Pot Life	50-60 mins. at 30 <sup>0</sup> C
Compressive strength (Min)	300 Kg/cm <sup>2</sup> in 24 hours 750 Kg/cm <sup>2</sup> in 14 days
Bond strength	100 Kg/cm <sup>2</sup> in 14 days
Tensile strength	200 Kg/cm <sup>2</sup> in 14 days
Flexural strength	300 Kg/cm <sup>2</sup> in 14 days
Chemical Resistance	Unaffected by wide range of chemical and oils etc.
Shrinkage	Non-shrink

**SHELF LIFE:**

12 month if it is in unopened sealed condition.

**PACKING:**

1,6,16 Kg Kit or as required

**HANDLING PRECAUTION:**

Vista Poxybond-215 is non-toxic but ingestion is to avoided. Any splashes to the skin must be washed with water. If contact with eyes occurs, wash immediately with water and seek medical advice.

**NOTE :**

- The content of the technical data sheet are for general information and guideline only. Results shown here are generated from our laboratory or from our site experiences. This behavior may change as per prevailing condition at the time of application.
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VISTA maintains a team of technical trained professional to provide full support in regards to any of our products.

Manufactured & marketed by

**VISTA CHEMTECH PVT. LTD.**

( An ISO 9001 Certified Co.)

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