CRC Industries NZ, Auckland NZ

I. Product Description

ADOS Bondcrete is a two part silica based epoxy. Once mixed, the workable putty forms permanent watertight repairs to concrete, brick, mortar and plaster. In cured form ADOS Bondcrete is many times harder and more impact resistant than concrete, has a similar consistency and colour to new concrete, and has excellent chemical and UV resistance.

II. Application and Directions

PREPARATION:
- Clean and abraid surfaces thoroughly, ensuring all loose paint, laitence etc. is removed and surfaces are dry.
- Degrease if necessary.

APPLICATION:
- Thoroughly blend one part RESIN PART A to one part HARDENER PART B by volume (1:1). The correct ratio must be adhered to.
- Gel or working time of the mixed product is approximately up to 20 minutes at 20℃.
- Use a trowel or spatula to apply ADOS Bondcrete.
- Cure is overnight at average ambient temperatures.
- Do not use when temperature is below -10℃. Introd uce heating if the temperature is below that value.

THINNING:
- Thinning is not required.

CLEANING:

- Use ADOS Epoxy Solvent Clean Up for cleaning uncured material off utensils.
- Wash off skin with soap and water only.

III. Features & Benefits

- **Permanent and super strong** - Cures harder than concrete.
- **Cures watertight** - Suitable for repairs to submerged substrates.
- **Appearance** - Similar consistency and colour to new concrete.
- **Non-slump** - Suitable for overhead and vertical applications.
- **100% solids** - No shrinkage when cured.
- **Resilient** - Excellent resistance to chemicals and UV rays.
- **Convenient to use** - 1:1 formulation, ensures correct mixing each time.

- ***ADOS EPOXY MORTAR IN CONTACT WITH DRINKING WATER.***

ADOS Epoxy Mortar is a two stoichiometric formulation comprising one part Epoxy Resin (Resin) and one part Epoxy Curing Agent (Hardener)
Once these two components have been mixed in equal volumetric proportions and allowed to cure for 48 hours all individual chemical species will have taken part in the condensation reaction and as such will have been cross-linked into the cured epoxy matrix.
The technical assumption is that following immersion in water the level of contamination is at a very low level and as such does not affect the taste or appearance of water, nor support the growth of microorganisms nor the release cytotoxic, mutagenic compounds or metals.
ADOS Epoxy Mortar is expected to pass the required tests to conform to:
AS/NZS 4020:2005 Testing of products for use in contact with drinking water.

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IV. Typical Properties and Characteristics

Type	Epoxy
Composition	Silica based epoxy system
Colour	Similar to new concrete
Minimum Temperature for Curing	-10℃
Maximum Operating Temperature	60℃ continuously
Reactivation	N/A
Viscosity	Paste-like
Solids	100% solids
Hold Up	In thick film, excellent. Has an inherent thixotropic aspect, and exhibits no slump during the cure process.
Working Time	Up to 20 minutes at 20℃

V. Package Description

Part Number	**Size**
4508	4 litre
4510	2 litre
4551	10 litre Resin
4556	10 litre Hardener

VI. Special Precautions

General:
Use with adequate ventilation. Do not eat, drink or smoke while using. Store in a cool, well-ventilated area and indoor temperature must be between 5ºC and 20ºC. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.
First Aid:
Swallowed – Contact doctor or Poisons Centre. DO NOT induce vomiting. Give glass of water.
Skin – Remove contaminated clothing. Wash with water and soap.
Eyes – Hold open and flush with water for at least 15 minutes. Get medical attention without delay.
Inhalation – Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

Refer to Material Safety Data Sheet for more details.

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PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.