

## I. Product Description

ADOS Epoxy Mortar is a two part silica based epoxy. Once mixed, the putty can be easily moulded to form permanent watertight repairs with a smooth finish to concrete, brick, mortar and plaster. It adheres well to wet surfaces and is suitable for most underwater repairs. In cured form ADOS Epoxy Mortar 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.
- 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°C.
- Use a trowel or spatula to apply ADOS Epoxy Mortar.
- Cure is overnight at average ambient temperatures.
- Do not use when temperature is below -10°C. Introduce 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.

**Adheres to wet surfaces** – Can be applied underwater.

**Excellent cohesive properties in uncured state** – Easy to work and mould, ideal when a smooth even finish is required.

**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.

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#### ***IV. Typical Properties and Characteristics***

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

#### ***V. Package Description***

<b>Part Number</b>	<b>Size</b>
4503	1 litre
4505	2 litre
4506	8 litre

#### ***VI. Special Precautions***

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 5°C and 20°C. Dispose of empty containers safely. Do not contaminate water supply. Refer to Material Safety Data Sheet for more details.

**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.

**TECHNICAL DATA SHEET** Version 07/2010

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

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.

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