

Designed and Formulated in Australia by APC

DESCRIPTION

100 % solids two-pack cycloaliphatic amine cured epoxy resin, designed for applications demanding high structural integrity. This product produces mortars exhibiting excellent adhesion and high structural strengths. The exceptional resistance to a wide variety of chemical spillage and fumes makes this product ideal for use in heavy industry or marine environments.

RECOMMENDED USES

- Coving
- Patching
- Crack Repairs
- Joint Filling
- Ramps
- Bunding

FEATURES AND BENEFITS

- Excellent chemical resistance
- Excellent adhesion
- High build application
- Bond strength stronger than concrete itself

PHYSICAL PROPERTIES

| | |
|---------------------|--------------------------------------|
| Solid content | 100 % w/w |
| Work time per pack | 0.5 hours |
| Tack free time | 4hrs @ 25 degrees C |
| Finish | Gloss / Dependant on application mix |
| Abrasion Resistance | Very Good |
| Rate of Burning: | ASTM D635 Self-extinguishing |

RESISTANCE TO CHEMICAL SPILLS (7 days at 25deg.C):

| | |
|------------------------|-------------------------|
| Ammonia Solution (20%) | Sodium Hydroxide (30%) |
| Sulphuric Acid (30%) | Kerosene |
| Lactic Acid (5%) | Aviation Fuels |
| Sodium Chloride (50%) | Petrol |
| Tannic Acid | Hydrochloric Acid (20%) |

MIXING

| | | |
|------------------------|------------------------------------|----------|
| SELF LEVELING COMPOUND | 1 part liquid; 1 part fine quartz | = 90 MPa |
| FLOWABLE MORTAR | 1 part liquid; 3 parts fine quartz | = 70 MPa |
| TROWELABLE MORTAR | 1 part liquid; 4 parts fine quartz | = 55 MPa |
| STIFF MORTAR | 1 part liquid; 6 parts fine quartz | = 50 MPa |



APPLICATION

All areas to be repaired must be structurally sound. Remove deteriorated concrete, dirt, asphalt, oil, grease and any bond inhibiting material from the failed area. Enlarge the exposed face of the crack 10mm or larger with router or grinder to a depth of 15 in depth. Sweep or vacuum failed area clean or blow area clean with an air compressor. The area to be repaired must be dry.

Mix 2 Parts A and 1 Part B + ½ bag of Silica Sand Dry -600 Grit into mixing container. **Large Holes:** Prime with Part A / Part B mixed & small amount of Epoxy Thinners 10 – 20%. Mix 6 Parts Sand, Part A and Part B mixed – NO THINNERS.

RETURN TO SERVICE

Light foot traffic 24 hours after completion of the job. Vehicle 24-48 hours. Sure hardness 72 hours. Full chemical cure 7 Days.

SHELF LIFE

2 Years, keep in a cool dry area out of direct sunlight

POT LIFE

30 minutes

IMPORTANT NOTICE: Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

PRODUCT DISCLAIMER: Read the SDS & TDS carefully before use of any product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. All Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification, recommendation or information given by All Purpose Coatings Pty Ltd.