

Designed and Formulated in Australia by APC

#### DESCRIPTION

This Industrial epoxy flooring system is a 100% solids, two-pack cycloaliphatic amine cured epoxy resin matrix. Epoxy flooring resin designed as a stand-alone topcoat and as a binder for non-skid surfaces. It is non-blushing and non-water spotting, high gloss, self-levelling and colour stable.

Designed for use in a wide range of commercial & heavy industrial environments where a lasting solution to floor maintenance problems is required. The exceptional resistance to a wide variety of chemical spillage and fumes makes this product ideal for use in high traffic environments.

#### RECOMMENDED USES

- Warehouses, loading bays and ramps
- Bars
- Commercial Kitchens
- Amenities
- Refineries
- Sewerage treatment plants
- Food processing industry
- Chemical/pharmaceutical industry
- Power stations
- Plastics industry
- Laboratories and rooms subject to radiation
- Clean rooms, exhibition halls and showrooms
- Demonstration areas and training rooms
- Washrooms, cloakrooms
- Wet and dry process areas
- Workshops and factories
- Hangers

#### FOR USE ON MINERAL-BASED SUBSTRATE SUCH AS:

- Concrete
- Mortar
- Stone
- Epoxy Modified Mortars

#### FEATURES & BENEFITS

- Tenacious bond to most substrates
- High mechanical properties
- Good abrasion resistance
- Good chemical resistance
- High durability
- Coloured / Tinted
- Solvent free
- Seamless
- Easy and fast to apply
- Easily cleaned and maintained
- Waterproof
- Excellent chemical resistance
- High build application
- Food Contact Safe:- <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSearch.cfm?fr=177.2280>

**PHYSICAL PROPERTIES**

Rate of Burning:	ASTM D635 Self-extinguishing
Compressive Strength:	ASTM D695 12,000 psi
Tensile Strength:	ASTM D638 3,900 psi
Elongation at Break:	ASTM D638 7.00%

**Abrasion Resistance:**

CS-17 wheel, 1 kg load:	ASTM D4060 0.10gm loss
Water Absorption:	D570 0/07% (2-hour boil)
Flexural Strength:	ASTM D790 7,800 psi
Shore D Hardness:	ASTM D2240 89
Heat Distortion Temperature:	ASTM D649 50 deg.c
Bond Strength to Concrete:	100% Concrete failure

**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%)
Acetic Acid (5%)	Toluene

**General Properties:**

Solid Content	100% w/w
Tensile Strength	Up to 90 MPa

**COVERAGE**

2 – 4 mm typical film thickness.

**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.

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**POT LIFE**

Depending on the temperature 30 – 45 minutes @ 25 Deg.C

This is a system using APC Epoxy & other related products. Please consult APC directly for Installation Instructions or the DIY Information Sheets.

**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.