

Fast Cure Solvent Free Epoxy Primer EPR1102 (A/B)

Product Introduction

EPR1102 is a 2K solvent free epoxy primer, formulated with premium epoxy resin and a hybrid curing agent system consisting of modified aromatic and aliphatic amine. Designed for efficiency and sustainability,this primer offers fast curing, excellent leveling properties and a bubble-free film - making it an ideal choice for industrial flooring, concrete protection and metal anti-corrosion applications.

Product Features

- Good sealing and permeability
- Good self leveling and bubble free formulation
- Good reinforcement for concrete base
- Solvent-free and eco-friendly

Application

- Sealing and strengthening of concrete substrates
- Primer coat for industrial flooring systems
- Single solid color self leveling coating system

Physical Parameters

Main Agent	Hardener
Appearance: Colorless transparent liquid	Appearance: Light yellow transparent liquid
Odor: Odorless	Odor: Slight amine odor
Viscosity 25℃: 650MPaS	Viscosity 25℃: 150MPaS
Specific gravity 25℃: 1.02	Specific gravity 25℃: 0.89
Solid content: 99%	Solid content:＞97%

PERFLEX NOVEL MATERIALS
Distributed in Australia by Synergy Building Supplies.
236 Planet Street, Welshpool WA 6106, Australia
1300 655 853, sales@oxide.com.au

POLYASPARTIC COATING PIONEER



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Physical Properties After Curing	
Adhesion to concrete surface	3.0MPa
Alkali resistance	20% sodium hydroxide no blistering no discoloration

Construction Parameters

Blend ratio A:B = 2:1 mass ratio

Packaging Specification

Paint：20KG Curing agent：10KG

Application time

Temperature（℃）	10	20	30
Pot life (mins)	20	15	10

Construction dosage: 0.3-0.6kg/m^2

Construction conditions

Ambient temperature: 10℃-35℃， **Ambient humidity:** ≤90%

Substrate temperature: must be greater than the air dew point temperature 3 ℃ or more

Cleaning agent: epoxy thinner

Drying time and painting interval

Temperature(℃）	25
Dry to touch (hrs)	2
Dry to handle (hrs)	12
Dry to recoat (hrs)	6

The above data is for guidance only. The actual drying time/interval time before coating can be longer or shorter depending on the film thickness of the coating, ventilation condition, temperature and humidity, etc.



Surface Treatment

- Rinse off salt and other water-soluble dirt with water
- Remove grease and oil with appropriate cleaners and degreasers
- Concrete substrate must be ground and cleaned thoroughly

Security Measures

- Avoid contact with skin and eyes.
- If the paint comes in contact with the skin, it should be cleaned with an appropriate cleaning agent. If paint comes into contact with eyes, use plenty of water to flush and seek immediate medical attention.
- Ensure good ventilation.
- The paint contains combustible substances. Please keep away from sparks and do not smoke in the adjacent work area.
- Comply with all health and safety regulations on site.

Statement

The information provided in this product specification is based solely on our knowledge gained in the laboratory and in practice. However, since use of the product is usually beyond our control, so we only give a guarantee of the quality of the product itself. We reserve the right to amend the specification by prior notice.

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