

Epoxy Primer EPR1101 (A/B)

Product Introduction

EPR1101 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. It combines high reactivity with excellent properties, making it widely suitable for concrete substrate flooring sealing and steel structure anti-corrosion.

Product Features

- Good self leveling and bubble free formulation
- Good reinforcement for concrete base
- Solvent-free and eco-friendly
- Can be mixed into epoxy mortar

Application

- Sealing and strengthening of concrete substrates
- Primer coat for industrial flooring systems
- Clear or pigmented self -leveling coating system

Physical Parameters

Main Agent	Hardener
Colorless transparent liquid	Light yellow transparent liquid
Odor: Odorless	Odor: Slight amine odor
Viscosity 25℃: 560MPaS	Viscosity 25℃: 265MPaS
Specific gravity 25℃: 1.02	Specific gravity 25℃: 1
Solid content: 99%	Solid content:＞95%

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 A:B = 1.63 : 1 Volume Ratio

Application time

Temperature（℃）	10	20	30
Pot life (h)	40	30	20

Construction dosage: 0.3-0.6kg/m^2

PERFLEX NOVEL MATERIALS
Distributed in Australia by Synergy Building Supplies.
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Packaging Specification

Paint：20KG　　Curing agent：10KG

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)	6
Dry to handle (hrs)	24
Dry to recoat (hrs)	12

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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