



INDUSTRIAL COATINGS TECHNICAL DATA SHEET

EPOXY ENAMEL

PRODUCT DESCRIPTION

Prodec Epoxy Enamel is a 2-pack epoxy-based coating. It is hard-wearing, abrasion, water and chemical resistant, with a high gloss finish for light industrial, high traffic areas. **(For interior use only)**

PRODUCT FEATURES

- High abrasion and chemical resistance
- Highly washable and cleanable
- Excellent adhesion to a range of properly prepared substrates
- Excellent, no-mess application properties
- Excellent, flow and levelling
- High hiding power and film building

APPLICATION AREAS

- Interior dry plaster or concrete substrates
- Interior primed metal and wooden substrates

SURFACE PREPARATION

- **Rusted metal:** affected areas need to be cleaned back to bright metal and spot primed with Prodec Metal Etch Primer.
- **New metal:** surfaces need to be abrasively degreased to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free. After drying, the whole substrate is coated with Prodec Metal Etch Primer.
- **Dry uncoated concrete surfaces:** remove all dust, foreign material or fungal and algal growth. Fill and seal all visible cracks and coat with Prodec Epoxy Enamel Clear Sealer.
- **Raw Plaster:** remove all dust, foreign material or fungal and algal growth. Fill and seal all visible cracks and coat with Prodec Epoxy Clear Sealer.
- **Previously Painted Epoxy Surfaces:** remove all loose, flaking or bubbling paint. Remove all dust, foreign material or fungal and algal growth. To provide a key for the next, sand down well wash, allow to dry.

APPLICATION PROCEDURE

- Stir well before use.
- Mix the epoxy base with the polyamide curing agent in the correct ratio, i.e. 4:1 (4 parts epoxy base to 1 part polyamide curing-agent). Mix for 5–10 minutes.
- Use a brush, mohair roller or airless spray to apply a generous coat of Prodec Epoxy Enamel to the area that needs protecting. When using airless-spray, thin to 20-25, with Prodec Epoxy Enamel Thinners.
- Allow 18-24 hours (but not more than 48 hours) to dry, then recoat.
- Use a brush, roller or airless-spray to apply a second generous coat.

GENERAL

- Do not apply before 9 am or after 4 pm in winter.
- For best results use 1 coat of Prodec Epoxy Clear Sealer, and 2 coats of Epoxy Enamel in desired colour.
- The spreading rate will vary with porosity and type of substrate. For uncoated new work 1 litre will cover about 7-8m². For subsequent coats and when applied to sealed or previously epoxy painted substrates, 1 litre will cover 8-9m².
- Clean application equipment with Prodec Epoxy Enamel Thinners.

COLOUR RANGE AND QUANTITIES

- Available in clear sealer, white, black and grey.
- 5 litres comprising: 4 litres base and 1 litre curing agent

PRECAUTIONS

- Ensure there is adequate ventilation during application.
- This material is highly flammable.
- Flash point is 20°C.
- Do not eat, drink or smoke while using this product.
- Seek medical advice if swallowed. Do not induce vomiting.
- In case of contact with eyes, rinse with plenty of clean water
- Keep out of reach of children.
- Full Material Safety Data Sheet available at www.prodecpaints.co.za