



PRODUCT DETAILS

Product name **Pro-Prime® Epoxy**
Product type Zinc phosphate epoxy primer

PRODUCT DESCRIPTION

Pro-Prime® Epoxy is a zinc phosphate epoxy primer offering adhesion, water and chemical resistance, and corrosion protection.

APPLICATION

Pro-Prime® Epoxy is a surface primer used to adhere waterproofing membranes onto metal substrates.

INSTALLATION

Substrate preparation

- Oil, dust, and debris should be removed by brush and vacuum
- Surface areas should be cleaned thoroughly to remove all traces of contaminants and left to dry
- Bond strength should be measured according to **EN 1542** to confirm substrate suitability before installation

Preparation of product

- Pour Part B contents into the Part A tin and mix thoroughly for **2-3 minutes**
- Stir both parts thoroughly before use
- Pre-proportioned units **must not** be part mixed due to the possibility of proportioning errors

Installation methods/tools

- Apply a thin coat of primer to the metal surface using a brush, spray gun or pressure pot, allow to cure
- If applying by spray gun, suitable respiratory equipment should be worn
- A recommended **1-2 coats** will be required, with each coat allowed to cure before applying the next
- Recommended coverage rate is **0.2 L/m²**
- Each coat will be touch dry after 2 hours at 20°C, and fully dry within 3-7 days
- Once mixed, **Pro-Prime® Epoxy** has a working life of 8 hours at 20°C

TECHNICAL INFORMATION

Characteristic	Value	Unit
Flashpoint	24	°C
Flash off	10 - 15	minutes
Temperature resistance	150	°C
Pot life @ 20°C	8	hours
Max VOC content	0.530	kg/L
Wet film thickness	80	microns

Characteristic	Value	Unit
Dry film thickness	50	microns
Touch dry @ 20°C	2	hours
Hard dry	24	hours
Full dry	3 - 7	days

SIZE, FINISH AND COLOUR

Product Code	Diameter cm	Height cm	Volume L	Product Type	Colour
PREPOX15 Part A	31	28	12	Primer	Grey
PREPOX15 Part B	18	23.5	3	Hardener	Grey
PREPOX05 Part A	18	23.5	4	Primer	Grey
PREPOX05 Part B	11	13	1	Hardener	Grey

SHELF LIFE AND HANDLING

- **Pro-Prime® Epoxy** has a shelf life of **12 months** from delivery date in original sealed containers.
- Should be stored between **5 - 25 °C**

MATERIAL

Zinc phosphate epoxy.

PACKAGING

Supplied in two metal tins (Part A and B).

LIMITATIONS OF USE

- For professional use only
- The same product batch number should be used to complete an entire installation
- Resistance to temperatures of approximately 150°C, for short periods up to 180°C, but product may tarnish
- **Pro-Prime® Epoxy** has a flashpoint of **24°C** which should be considered when working near a heat source

CHEMICAL PROPERTIES, SAFETY GUIDANCE AND DISPOSAL

Please refer to **Pro-Prime® Epoxy** Safety Datasheets for [Part A](#) and [Part B](#).

GUARANTEES

Defects arising from lack of maintenance or abnormal use may fall outside of the cover of the Proteus Waterproofing guarantee.

GUIDELINES AND STANDARDS

It is the responsibility of the Contractor to thoroughly familiarise themselves with all relevant Codes of Practice and Building Regulations to the works or referred in the specification.

Proteus Waterproofing take no responsibility for misinterpretation or lack of knowledge for third parties.

The works shall be carried out in accordance with the requirements of:

- **BS 6229** Flat roofs with continuously supported flexible waterproof coverings - Code of practice
- **BS 8217** Reinforced bitumen membranes for roofing - Code of practice
- **BS 8000-0** Workmanship on construction sites - Introduction and general principles
- **BS 8000-4** Workmanship on building sites - Code of practice for waterproofing
- **LRWA** [Design Guide for Specifiers](#)
- **S2T** [Safe to Torch](#)
- **GRO** [Code of Best Practice](#)