



PRODUCT DETAILS

Product name	Pro-Epoxy Primer
Product type	Zinc phosphate epoxy primer

PRODUCT DESCRIPTION

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

APPLICATION

Pro-Epoxy Primer 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

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 at 3-7 days
- Once mixed, **Pro-Epoxy Primer** 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	8h @ 20°C	-
Max VOC content	0.530	kg/L
Wet film thickness	80	microns
Dry film thickness	50	microns

Characteristic	Value	Unit
Touch dry	2h @ 20°C	-
Hard dry	24	hours
Full dry	3-7	days

SIZE, FINISH AND COLOUR

Product Code	Diameter cm	Height cm	Volume L	Product Type	Colour
PREPPR15H Part A	31	28	12	Primer	Grey
PREPPR15H Part B	18	23.5	3	Hardener	Grey
PREPPR05H Part A	18	23.5	4	Primer	Grey
PREPPR05H Part B	11	13	1	Hardener	Grey

SHELF LIFE AND HANDLING

- **Pro-Epoxy Primer** 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-Epoxy Primer** 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-Epoxy Primer** 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](#)