



PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Proteus Pro-Metal Spot Primer

PRODUCT TYPE: Aerosol primer

PRODUCT/SKU CODE: PRMESP01

PRODUCT DATASHEET REFERENCE: TDS_PRMESP01_Proteus Pro-Metal Spot Primer_V1_220823

COMPANY: Proteus Waterproofing Ltd, 21a Sirdar Road, Brook Road Industrial Estate, Rayleigh, Essex SS6 7XF, United Kingdom

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PRODUCT DESCRIPTION

Pro-Metal Primer is a moisture-curing low viscosity primer for use on metal surfaces prior to coating with Proteus Waterproofing liquid applied membranes. Pro-Metal Primer is used as a bonding agent to promote adhesion of Proteus Waterproofing liquid applied membranes on metals.

Pro-Metal Primer is not suitable as an anticorrosion paint.

APPLICATION & USE

SUBSTRATE PREPARATION:

Surfaces must be clean, dry and free from grease, oil and dust. Remove all friable material. Adhesion on substrates may be improved by scuffing the surface with an abrasive hand pad (very fine grade).

ADHESION TESTING:

Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

SUBSTRATE AND AMBIENT TEMPERATURE:

+5 °C min. / +40 °C max.

APPLICATION:

Shake the can of Proteus Pro-Metal Spot Primer thoroughly until mixing ball rattles freely. Continue shaking for another minute and apply a thin but covering coat.

Ideal application and surface temperature is between 15°C and 25°C (60°F to 75°F).

Consumption and method of application depend on the specific nature of the substrates and manufacturing process.

NUMBER OF COATS (GUIDE ONLY):

1-2 coats

FLASH OFF:

10-15 mins between coats

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DRYING TIME:

- Touch Dry: 20-30mins @ 20°C
- Hard Dry: 3hrs @ 20°C
- Full Dry: 24hrs @20° C

RECOATIBILITY/OVERCOATING:

Minimum 1hr @ 20

WET FILM THICKNESS*:

100 microns

DRY FILM THICKNESS*:

55 microns

** Proteus Waterproofing Technical Data Sheets indicate a Dry Film Thickness that will be achieved when applying a particular Wet Film Thickness. These values are a guide only and are not to be used as specifications. Film thickness will vary depending on actual use and specification. Great care should be taken to achieve the dft stated in the agreed specification and to avoid areas of excessively low or high thickness.*

MATERIAL

Liquid

WEIGHT

450g

FINISH & COLOUR

Light grey

PACKAGING

Aerosol can

PACK SIZE/UNIT OF MEASURE

- 1 unit = 400ml
- Sold individually

CHEMICAL PROPERTIES

- Maximum VOC content: <0.450Kg/L
- For product specific chemical information, please refer to the material safety safety datasheet

SIZE & DIMENSIONS

Length: 20cm
Diameter: 7cm

SHELF LIFE

- 12 months from delivery date in original sealed containers.
- Store between 5°C - 25°C. Do not expose to temperatures exceeding 50°C. When not in use, cans must be kept sealed

HANDLING

- For information on handling, please refer to the material safety datasheet.
- Shake can thoroughly before use
- Always use the same batch number on the same job
- Check colour & sheen. Proteus Waterproofing will not accept any discrepancies arising after use.

TECHNICAL INFORMATION

SOLIDS BY VOLUME:

55.00%

COVERAGE:

5.5m² per litre @ 100 microns wft

FLASHPOINT:

24°C

ADDITIONAL INFORMATION

KEY FEATURES:

- Excellent adhesion to metal substrates
- Single pack - no mixing required
- Fast drying and curing

CODES OF PRACTICE & STANDARDS

1. 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.

2. The works shall be carried out in accordance with the requirements of;

- BS 6229:2018 - Flat roofs with continuously supported flexible waterproof coverings -Code of practice.
- BS 8217:2005 - Reinforced bitumen membranes for roofing Code of practice.
- BS 8000-0:2014 - Workmanship on construction sites - Introduction and general principles.
- BS 8000-4:1989 - Workmanship on building sites - Code of practice for waterproofing.
- GRO Green Roof Code of Best Practice - Latest Edition.
- LRWA Design Guide for Specifiers - Latest Issue.
- LRWA Hot Melt Code of Practice - Latest Edition.

• Please refer to Proteus Waterproofing's Technical department for project specifications.

OPERATION

- For professional use only.

SAFETY GUIDANCE

- For information on health and safety, please refer to the material safety datasheet and tin label prior to use
- Suitable respiratory equipment should be worn when spraying.

LIMITATIONS OF USE

- This product is suitable for Approved Contractors only.
- Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

MAINTENANCE

Not applicable.

ADDITIONAL MAINTENANCE REQUIREMENTS

Not applicable.

GUARANTEES

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

DISPOSAL

- Discard any primer that has gelled or separated, or if it becomes limp.
- For further information on disposal and environmental hazards, please refer to section 13 of the MSDS.