



PRODUCT DETAILS

Product name	Pro-Prime® SA
Product type	Self-adhesive membrane primer

PRODUCT DESCRIPTION

Pro-Prime® SA is a synthetic, rubber-based primer used for bonding self-adhesive membranes and vapour control layers to a variety of substrates.

APPLICATION

Pro-Prime® SA can be applied to the following substrates:

- Concrete
- Metal
- Timber
- Asphalt

Pro-Prime® SA is suitable for use under **Pro-Vapour Control/Carrier Membrane SA** when overlaid with the following systems:

- Cold Melt®
- Pro-BW® Plus
- Pro-BW® LO
- Proteus Pro-Cold®

The following systems can be applied directly over **Pro-Prime® SA**:

- Proteus Pro-Felt® Endura SA
- Proteus Pro-Felt® SA

INSTALLATION

Substrate preparation

- Any defective or decayed areas of the substrate or insulation should be cut out, repaired, and reinstated to provide a solid base
- All loose and friable material must be removed by mechanical means where necessary
- Oil, dust, and debris should be removed by brush and vacuum
- Surfaces should be sound, clean, dry, free from defects, visible dampness, fungal growth, and corrosion
- Adhesion tests may be required to confirm substrate suitability before installation
- Substrates should be thoroughly cleaned with **Pro-Tool Surface Cleaner** and left to dry prior to applying **Pro-Prime® SA**
- Do not apply if there is any standing water or condensation
- Ambient temperatures should be between **+5°C - +30°C**

Installation method

- Shake the tin thoroughly, remove the lid, then stir the primer thoroughly before and during use
- Only prime an area that can be waterproofed within **2 - 3 hours**
- Apply **Pro-Prime® SA** with a coverage rate of **0.2 L/m²** using a roller or brush, coverage rate may increase depending on porous surfaces
- Refill roller if cobwebbing appears and avoid puddling
- Drying time is **30 minutes to 1 hour**, low temperatures and poor ventilation may delay drying time
- Test by pressing a dry object into the primer and remove, if there is no transfer, primer is ready
- Avoid walking over primed areas where is practically possible

- After application, the substrate should have a slight glaze
- The primer is ready to bond when it feels dry to the touch and does not transfer to gloved fingertips
- Ensure primed area is adhered to within **2 - 3 hours** of application to prevent contamination of substrate

TECHNICAL INFORMATION

Characteristic	Value	Unit
Specific gravity	0.81 - 0.84	-
Viscosity @ 20°C	400 - 600	cps
Flammability (flash point below)	-18	°C
Service temperature	-20 - 100	°C
Application temperature	5 - 30	°C

SIZE, FINISH AND COLOUR

Product Code	Diameter (cm)	Height (cm)	Volume (L)	Colour
ACPRSA05N	18	26	5	Green
ACPRSA25N	31	45	25	Green

SHELF LIFE AND HANDLING

- Shelf life is **12** months after point of manufacture. Check container for use by date
- Should be stored at a temperature between **5°C** and **25°C** out of direct sunlight in a dry, well-ventilated area

MATERIAL

- Chemical base: synthetic rubber
- Solvents: butanone, acetone, heptane

PACKAGING

5L and **25L** tin plate containers.

LIMITATIONS OF USE

For professional use only.

CHEMICAL PROPERTIES, SAFETY GUIDANCE AND DISPOSAL

Please refer to **Pro-Prime® SA** [Material Safety Datasheet](#).

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](#)