

TECHNICAL DATA SHEET

PRO-PRIME

UPDATED 4 Feb 2022

DESCRIPTION Pro-Prime is a high performance, solvent-free primer providing excellent adhesion to dense, smooth and non-porous materials.

COVERAGE Approx. 5 m² per litre.



FEATURES & BENEFITS

- > Excellent adhesion
- > Fast drying
- > Fine grit provides mechanical key
- > Easy application
- > Excellent moisture resistance

VOC CONTENT

VOC < 15 grams/litre calculated on product formulation.

COMBUSTIBILITY

Pro-Prime is not a render. According to Australian Building Codes Board C1.14 (L), paints and "textured paints" are considered permitted ancillary elements. Pro-Prime is formulated using the same ingredients as a paint or "textured paint".

Consult building surveyor for approval prior to application.

PACK SIZE

Pro-Prime is available in 15 litre plastic pails. 32 or 48 x 15 litre pails per pallet.

BOND STRENGTH

Excellent

WATER RESISTANCE

Excellent

COLOUR RANGE

N/A

SUITABLE SURFACES

Pro-Prime is suitable for application to hard, dense and non-porous surfaces only. Pro-Prime should not be applied to and loose, fibrous or flakey surfaces. Typical surfaces include:

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> PVC formwork (Dincel®)

> Existing ceramic tiles

COMPOSITION

Pro-Prime is formulated using only the highest quality raw materials available. It consists primarily of premium fillers and opacifying pigments dispersed in an exterior grade acrylic emulsion. The incorporation of preservatives and anti-bacterial agents improves storage life and helps to guard against future fungal growth on the finished surface.

SUBSTRATE CONDITION

Pro-Prime should not be applied to loose, sandy or flakey surfaces. Use Pro-Prime only on hard, dense and non-porous surfaces.

Pro-Prime should only be applied over dry surfaces, free from dirt, dust, contaminants and loose material which may adversely effect adhesion and coating performance.

Surface to be coated must have a moisture content less than 10% WME (wood moisture equivalent) prior to application. Surface alkalinity should be less than pH 9.

APPLICATION METHOD

Roller, brush or suitable spray equipment.

APPLICATION

Do not apply Pro-Prime if Relative Humidity is above 80% or temperature is within 3°C of Dew Point, or is expected to be at any stage of the drying period.

Do not apply Pro-Prime if the substrate surface temperature is greater than 40°C.

Do not apply Pro-Prime if the substrate moisture content is in excess of 15% WME.

Do not apply Pro-Prime if the temperature is below 10°C or likely to fall below 10°C at any stage during the drying period.

Apply Pro-Prime using brush, roller or any suitable spray equipment. It is best to use a fine, short nap roller when painting smooth surfaces and a coarser, long nap roller when painting rougher surfaces.

DRYING TIME

Pro-Prime is touch dry in approximately 30-60 minutes at 20C with 80% relative humidity.

Pro-Prime should nor be over-coated until hard dry is achieved. Hard dry is normally achieved after

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24 hours from application at 20C with less than 80% relative humidity

Drying time can be shortened or extended dramatically depending on factors such as surface porosity, humidity and ambient temperature.

Protect from moisture for a minimum 24 hours or until hard dry has been achieved.

PRECAUTIONS & LIMITATIONS

- > For use as an undercoat/primer only
- > Apply only to hard, dense and non-porous surfaces only
- > Do not apply over loose, sandy or flakey surfaces
- > Apply between 10 - 30C
- > Avoid application in warm, windy conditions
- > Do not apply if temperature will fall below 10C prior to full cure
- > Do not apply material if likely to remain wet overnight
- > Protect for rain and moisture for min. 24 hours or until hard cure
- > Not for use where complete water immersion expected
- > Not suitable for use on constantly damp surfaces
- > Not for application on surfaces subject to entrapped moisture
- > Do not thin

CLEAN UP & DISPOSAL

Clean tools in clean water immediately after use. Do not dispose of unused Pro-Prime into drains or waterways. Dispose of rubbish in accordance with local government regulations.

STORAGE & TRANSPORT

- > Keep pack firmly sealed
- > Store in cool dry place away from direct sunlight
- > Use within 12 months of purchase.
- > Do not stack 15 litre pails more than 3 pails high

SAFETY

- > Pro-Prime is classified as non-dangerous goods
- > Personal protective clothing highly recommended during use
- > Always use Pro-Prime in a well ventilated area

SAFETY DATA

Always refer to safety data sheet (SDS) prior to handling and handling and application of Pro-Prime.

DISCLAIMER

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Pro-Prime is to be used as part of a MAC Coating Specification. Melbourne Acrylic Coatings Victoria Pty Ltd, its staff and distributors will not accept responsibility for any failure caused as a result of factors beyond our control including but not limited to onsite handling, preparation or application of this product. Application of this product should only be performed by qualified trades people trained in the use of this type of product. Information supplied in this publication is based on our testing and experience and is given in good faith. Suitability of this product should be independently determined prior to use. MAC will not warrant job defects caused as a result of but not limited to, structural/substrate movement or entrapped moisture. Formulation of coating and renders often requires the use of naturally sourced fillers & aggregates. All care is taken by industry suppliers to remove trace contaminants, however no guarantee/warranty is provided by MAC against spot marks occurring in naturally sourced aggregates provided by third party suppliers.