

A102 Duralon Acrylic Primer Undercoat

PRODUCT DESCRIPTION & USES

A102 Duralon Acrylic Primer Undercoat is a rapid-drying, water based, acrylic primer undercoat that is ideal for use on bare timber and as an interior primer where excellent stain sealing and hold-out properties are required. It can be used as an undercoat on previously painted surfaces, both inside and out.

PRODUCT FEATURES

- Use as a primer and undercoat on bare timber or as an undercoat on existing paint.
- Dries in 4 hours.
- Good opacity and hold-out properties.
- Helps block out stains on interior surfaces.
- Reduces or eliminates tannin bleed* into exterior topcoats.
- Suitable for native timbers where natural oils can inhibit the dry times of oil based primers.
- Water based application.
- Cures down to 5°C.
- Made in New Zealand for New Zealand conditions.

*For tannin-rich timbers, such as cedar or knotty pine, a second coat of **A102 Duralon Acrylic Primer Undercoat** may be required to block tannin when light coloured topcoats are used.

TECHNICAL DATA

Gloss Level	10-20% at 60° (low sheen)
Primer	Not applicable
Wash Up	Water
Colour	White
Pack Size	500ml, 1L, 4L, 10L
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years.
Toxicity	Non hazardous waterborne paint formulated without added lead or mercury.
VOC content	30g/L for white as per EC-07-07 and APAS definition of Volatile Organic Compound. If tinted, may have a higher VOC level.
Volume Solids	42.5% for white
Wet Film Thickness	85-100µ per coat
Dry Film Thickness	35-43µ per coat
Coverage	10-12 m ² /L depending on surface texture, porosity and method of application.

SUBSTRATE PREPARATION INSTRUCTIONS

General Surface Preparation: Surfaces to be painted must be clean with all traces of grease, oil and dirt removed. Remove all loose material including flaking and peeling paint, mould and lichen, dust and heavy chalk. Sand glossy surfaces to a dull finish. Unweathered areas must be washed or scrubbed with a detergent solution to remove surface contamination that can interfere with adhesion. All structural repairs should be done prior to painting. If mould or mildew is present treat affected areas with **A924 Mould Kill X200**, following the directions on the pack. When surface is thoroughly dry and properly prepared proceed with painting as per specific instructions, relevant to your substrate, below.

Previously painted surfaces: Remove chalk and apply one coat of **A102 Duralon Acrylic Primer Undercoat** followed by 2 coats of an appropriate finishing coat.

Unpainted timber: Sand dressed timber to break the "mill glaze" for proper penetration and adhesion. Apply one coat of **A102 Duralon Acrylic Primer Undercoat**, finishing with 2 coats of an appropriate finishing coat. On tannin rich timbers, spot prime butt ends, joints or scraped areas before applying 2 coats of **A102 Duralon Acrylic Primer Undercoat** sanding smooth and finishing with 2 coats of an appropriate finishing coat.

RECOMMENDED APPLICATION METHODS AND TECHNIQUES

Mix the contents in the can thoroughly before and during use.

Apply in full, even coats.

Thin, if required for ease of application in hot or windy conditions or on very porous substrates, with up to 10% water.

Minimum Surface Temperature: 5°C

Maximum Relative Humidity: 75%

Temperature Range: 5°C - 35°C

Suitable Application Methods: Brush, Roller, Airless Spray

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NOTE: The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.



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Thinners:	Water
Cleaning Solvent:	Water
Max. Volume Thinners:	10%
Nozzle Orifice:	11–15 Thou
Fan Angle:	30°-50°
Nozzle Pressure:	1800 – 2500psi

DRYING CHARACTERISTICS

All figures quoted are at 20°C and 65% relative humidity.

Drying will take longer at lower temperatures and/or at higher relative humidity.

Do not paint when temperature of surface is below 5°C, above 35°C or when humidity is very high.

Do not apply when rain or dew is expected within 4 hours.

Touch Dry;	30 minutes
Recoat:	2 hours
Full Cure:	7 days

HEALTH & SAFETY

Water based, non-flammable, non-hazardous. Wash off with clean water when in contact with skin as the product may cause dermatitis. Take normal precautions for handling paint i.e. do not ingest, avoid contact with skin and protect eyes from splashes. Refer MSDS, available on request, for detailed safety instructions.

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