



A103 Duragard Acrylic House Paint

PRODUCT DESCRIPTION & USES

A103 Duragard Acrylic House Paint is a premium 100% acrylic low sheen paint recommended for use for direct application to previously painted surfaces and bare timber, weatherboards, unglazed brick, stucco and masonry, concrete and concrete block, cement plaster/render and aluminium siding. **A103 Duragard Acrylic House Paint** is also suitable over appropriately primed Zincalume®, galvanised iron and non-ferrous metals, including aluminium.

PRODUCT FEATURES

- Exceptional durability.
- Fade-resistant colours.
- Water based application.
- No primer required for most applications (see below).
- Cures down to 5°C.
- UV Blocking.
- Inhibits mould and mildew.
- Made in New Zealand for New Zealand conditions.

TECHNICAL DATA

Gloss Level	15-21% at 60° (Low Sheen)
Primer	Not required for most substrates
Wash Up	Water
Colour	White and thousands of custom tinted colours.
Pack Size	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	38g/L for white as per EC-07-07 and APAS definition of Volatile Organic Compound. Tinted colours may have a higher VOC loading.
Volume Solids	33.9% for white.
Wet Film Thickness	70-125µ per coat
Dry Film Thickness	25-45µ per coat
Coverage	8-14 m²/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. New masonry, cement plaster, render and concrete must be fully cured before painting. Sand glossy surfaces to a dull finish. Unweathered areas must be washed or scrubbed with a detergent solution to remove salts that can interfere with adhesion. All structural repairs should be done prior to painting. If mould or mildew are present treat affected areas with **A924 Mould Kill X200**, following the directions on the pack. When surface is thoroughly dry and properly prepared, spot-prime all nail heads and proceed with painting as per specific instructions, relevant to your substrate, below.

Previously painted surfaces that are sound and free of tannin stains & mildew: No primer required. Remove chalk and apply 2 coats of **A103 Duragard Acrylic House Paint**.

Previously painted surfaces that are severely weathered, heavily chalked, peeling, mildewed or tannin stained: For best results, prime entire surface with **A217 Alkyd Primer Undercoat**. Finish with 2 coats of **A103 Duragard Acrylic House Paint**.

Unpainted timber: Sand dressed timber to break the "mill glaze" for proper penetration and adhesion. No primer required. Apply 3 coats of **A103 Duragard Acrylic House Paint**. Greater durability is achieved by applying a first coat of **A102 Duralon Acrylic Primer Undercoat** or **A217 Alkyd Primer Undercoat**, finishing with 2 coats of **A103 Duragard**. On tannin rich timbers, spot prime butt ends, joints or scraped areas before applying an overall coat of **A217 Alkyd Primer Undercoat**, sanding smooth and finishing with 2 coats of **A103 Duragard Acrylic House Paint**.

Unpainted and weathered masonry, concrete, cement plaster/render: Primer not required if surface is sound. Apply 2 or 3 coats of **A103 Duragard** as necessary to achieve a uniform finish. Loose, powdering masonry should be dry-brushed and primed with **A200 Duralon Alkyd Pigmented Sealer** before finishing with 2 coats of **A103 Duragard Acrylic House Paint**.

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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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New cured masonry: No primer required. Apply 2 or 3 coats of **A103 Duragard Acrylic House Paint** as necessary to achieve a uniform finish. In hot weather, dampen porous masonry with water just before painting. NOTE: On rough surfaces, a first coat of **A531 Modocryl** will produce a smoother finish.

Unpainted Zincalume® and galvanised iron: Clean thoroughly, removing white corrosion and other salt deposits. Any traces of red rust should be removed by wire brushing and any exposed bare steel surfaces spot primed with **A163 Duralon Retardo Rust Inhibitive Enamel**. Prime with **A155 Duralon Water Based Galvanised Iron Primer**. Finish with 2 coats of **A103 Duragard Acrylic House Paint**.

Coil Coated Steel such as Colorbond® or Colorsteel®: Apply 2 coats of **A103 Duragard** to weathered Coil Coated Steel. New Coil Coated Steel should be scoured with a nylon scourer before applying 2 coats of **A103 Duragard Acrylic House Paint**.

Unpainted non-ferrous metals including aluminium: Prime with **875 AE12 Etch Primer**. Finish with 2 coats of **A103 Duragard Acrylic House Paint**.

RECOMMENDED APPLICATION METHODS AND TECHNIQUES

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

Thinners: Water

Cleaning Solvent: Water

Max. Volume Thinners: 10%

Nozzle Orifice: 11–15 thous

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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