

## A309 Imperlon Gloss Acrylic Enamel

### PRODUCT DESCRIPTION & USES

**A309 Imperlon Gloss Acrylic Enamel** is a quick drying water based enamel with excellent colour retention and weather resistance. It produces no unpleasant odour during application and dries to a hard, washable surface. Can be used on primed or previously coated surfaces and recommended for interior use on doors, architraves, skirtings, furniture, panelling, cabinets, desks, walls and ceilings. Exterior use is restricted to surfaces which have a low potential for swelling and cracking such as small area timber work (doors, window frames, shutters, railings), iron and steel, masonry, fibre-cement and concrete. **A309 Imperlon Gloss Acrylic Enamel** is not recommended for use on weatherboards, here **A119 Duralon Gloss House Paint** is a more appropriate choice.

### PRODUCT FEATURES

- Excellent colour retention and weather resistance.
- Exceptional durability.
- No unpleasant odour during application.
- Dries to a hard, washable surface.
- Fade-resistant colours.
- Gloss finish.
- Excellent opacity and levelling properties.
- Water based application.
- Cures down to 5°C.
- Inhibits mould and mildew.
- Made in New Zealand for New Zealand conditions.

### TECHNICAL DATA

Gloss Level	70% minimum at 60° (Gloss)
Primer	Required for most substrates
Wash Up	Water
Colour	White and bases for custom tinted colours.
Pack Size	1L, 2L, 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	41g/L for white as per EC-07-09 and APAS definitions of Volatile Organic Compounds. Tinted colours may have a higher VOC loading.
Volume Solids	31% for white.
Wet Film Thickness	85-100µ per coat
Dry Film Thickness	26-31µ per coat
Coverage	10-12 m <sup>2</sup> /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 is 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:** Prepare as above. Fill nail holes and cracks and sand when dry. Spot prime patched surfaces with **A201 Duralon Acrylic Quick Dry Primer Sealer** or **A102 Duralon Acrylic Primer Undercoat**. For extreme colour changes, apply a first coat of **A102 Duralon Acrylic Primer Undercoat** tinted to approximate colour of finish coat. Finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**. If colour change is not extreme, apply 2 coats of **A309 Imperlon Gloss Acrylic Enamel**.

**New or unpainted drywall, plasterboard, fibrous plaster & composite boards:** Prepare as above and prime with one coat of **A201 Duralon Acrylic Quick Dry Primer Sealer**, **A217 Duralon Alkyd Pigmented Sealer** or **A102 Duralon Acrylic Primer Undercoat**. For hardboard, MDF board and other composite boards **A201 Duralon Acrylic Quick Dry Primer Sealer** or **A102 Duralon Acrylic Primer Undercoat** is recommended. Finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**.

**Unpainted timber (not weatherboards):** Prepare as above. Prime with **A217 Duralon Alkyd Primer Undercoat** or **A102 Duralon Acrylic Primer Undercoat**. Finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**.

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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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**Iron & Steel:** Prepare as above, removing any oil and grease with **A925 Duralon Roofwash & Metal Degreaser**. Wire brush rust areas and flaking paint. Prime with **A163 Duralon Retardo Rust Inhibitive Paint**. Finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**.

**Unpainted galvanised Steel:** Prepare as above. Clean thoroughly, removing white corrosion and other salt deposits. Prime with **A155 Galvanised Iron Primer**. Finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**.

**New cured masonry, concrete, cement plaster or render:** Prepare as above. Prime with **A968 Muralflex GP Sealer** and finish with 2 coats of **A 309 Imperlon Gloss Acrylic Enamel**.

**Unpainted & weathered masonry, concrete, cement plaster or render:** Prepare as above. If surface is firm, prime with **A968 Muralflex GP Sealer** and finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**. Loose, powdering masonry should be dry brushed and primed with **A968 Muralflex GP Sealer**. Finish with 2 coats of **A309 Imperlon Gloss Acrylic Enamel**.

### 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 5% 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: 5%

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: 4 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.