



# A122 Duralon Acrylic Floor & Paving

## PRODUCT DESCRIPTION & USES

**A122 Duralon Acrylic Floor & Paving** is a water based, quick-drying, low gloss acrylic enamel for use on new or aged unpainted concrete and previously finished timber and concrete. It produces no unpleasant odour during application and dries to a hard, washable surface. It is recommended for interior or exterior floors and stairs in basements, verandas, patios and garages\*. Exterior use is restricted to surfaces which have a low potential for swelling and cracking or are dimensionally stable.

## PRODUCT FEATURES

- Wear resistant.
- Resistant to soaps and detergents.
- Excellent colour retention.
- Exceptional durability.
- No unpleasant odour during application.
- Dries to a hard, washable surface.
- Fade-resistant colours.
- Satin 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	12-16% at 60° (Satin)
Primer	Not required for most substrates.
Wash Up	Water
Colour	White and bases for custom tinted colours.
Pack Size	1L, 4L
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years.
Toxicity	Non hazardous waterborne paint formulated without added lead or mercury.
VOC content	42g/L for White as per EC-07-09 definition of Volatile Organic Compound. Tinted colours may have a higher VOC loading.
Volume Solids	33% for White.
Wet Film Thickness	85-100µ per coat
Dry Film Thickness	28-33µ 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 by scraping, sanding and wire brushing the surface. Scrub floors with a detergent or sugar soap solution. Rinse well with clean water. If mould or mildew is present treat affected areas with **A924 Mould Kill X200**, following the directions on the pack. Smooth-trowelled concrete must be acid etched before painting using **A926 Chemical degrease/Etch** following the directions and cautions on the pack.

**Acid etching caution:** Seek professional advice on acid dilution procedure, on personal protection equipment and first aid requirements of handling acid, and on proper disposal of unused acid and wash water as per directions on the pack.

**Previously painted concrete and timber:** Prepare as above, repairing cracks and damaged areas with suitable patching material. Spot prime bare timber areas with **A102 Duralon Acrylic Primer Undercoat**. Apply one coat, unthinned, to prepared surface. For maximum durability, apply a second coat after overnight dry.



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**Unpainted concrete:** Allow new concrete to fully cure before painting. Prepare as above. Thin first coat of **A122 Duralon Acrylic Floor & Paving** with 500ml water per 4L paint and brush well into surface. After overnight dry, apply a full coat by brush or roller.

**\*Garage floors:** Many tyres contain compounds that attack acrylic paints resulting in loss of adhesion and film pick-up. Protect tyre lanes by driving onto mats or runners.

### 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;	1 hour
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.