



## 8302-100 Duratrade Alkyd High Gloss Enamel

### PRODUCT DESCRIPTION & USES

**8302-100 Duratrade Alkyd High Gloss Enamel** is an alkyd resin based high gloss paint recommended for primed or previously painted interior/exterior surfaces.

### PRODUCT FEATURES

- High Gloss finish.
- High opacity.
- Exceptional durability.
- Ease of use.
- Made in New Zealand for New Zealand conditions.

### TECHNICAL DATA

Gloss Level	80-90% at 60° (High Gloss)
Primer	Required for most substrates
Wash Up	Mineral Turpentine
Colour	White and custom tinted colours.
Pack Size	4L, 10L
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 2 years.
Toxicity	Formulated without added lead or mercury. Dried film is non-toxic.
VOC content	380g/L for white as per EC-07-09 and APAS definition of Volatile Organic Compound. If tinted, may have a higher VOC loading.
Volume Solids	52% for white.
Wet Film Thickness	70-83µ per coat
Dry Film Thickness	37-43µ per coat
Coverage	12-14 m <sup>2</sup> /L depending on surface texture, porosity and method of application.

### SUBSTRATE PREPARATION INSTRUCTIONS

The surface must be clean, dry and free of all dirt, grease and loose flaking material. Wash down with a mild detergent solution and rinse off with clean water.

Mould should be treated with **A924 Mould Kill X200** solution.

Surfaces should be lightly sanded prior to painting.

Do not paint when temperature is too low or when humidity is high.

When preparing surfaces using high pressure water blasting ensure care is taken not to damage the substrate.

Materials which are loose and flaky must be removed and feathered back to a sound substrate.

Prime bare timber with one coat of **8312-00 Duratrade Alkyd Primer / Undercoat** before the application of **8302-100 Duratrade Alkyd High Gloss Enamel**.

Note: For repainting interior surfaces ensure surface is thoroughly clean and sanded back to a dull finish before applying two coats.

### 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% Mineral Turpentine.

Minimum Surface Temperature: 5°C

Maximum Relative Humidity: 75%

Temperature Range: 5°C - 35°C

Suitable Application Methods: Brush, Roller, Airless Spray

Thinners: Mineral Turpentine

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## 8302-100 Duratrade Alkyd High Gloss Enamel

Cleaning Solvent:	Mineral Turpentine
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 surface temperature is below 5°C, above 35°C or at high humidity.

Touch Dry; 4 hours

Recoat: 12 hours. For best results allow overnight dry. If left for periods longer than 24h before overcoating, lightly sand the previous surface to ensure good contact is made with the new film.

Full Cure: 7 days

### HEALTH & SAFETY

#### CAUTION! FLAMMABLE

Contains petroleum solvents: keep away from heat and open flame. Close container when not in use.

#### KEEP OUT OF REACH OF CHILDREN

WARNING: This material may be harmful if swallowed or inhaled and may cause skin or eye irritation. PRECAUTIONS: Avoid breathing vapour -- use with adequate ventilation. Do not eat, drink, or smoke whilst using. Store in a cool, well ventilated area indoors between 5°C - 20°C. Dispose of empty container safely. Empty cans or cans containing dry material may be recycled. Do not contaminate any water supply.

#### FIRST AID

If Swallowed: Give water to dilute. Owing to the aspiration hazard of hydrocarbon solvents, DO NOT CAUSE VOMITING. Get medical attention without delay.

Eye Contact: Treat immediately with water -- hold open and flush for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: Remove any contaminated clothing and wash skin thoroughly with soap and water. Avoid scrubbing skin.

Inhalation: Leave the hazard area, maintain breathing and get medical attention.

FIRE: Use foam, carbon dioxide or dry chemical powder.

SPILLS: Absorb with sand or earth. Collect and seal in properly labelled drums for disposal according to local waste management authority.

Refer MSDS, available on request, for detailed safety instructions.

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