D404 Mar 2009

# Resene **Acrylic Undercoat**

# general purpose

Resene Acrylic Undercoat is an easy brushing, quick, hard drying undercoat with exceptional flow characteristics. sanding While specifically designed for maximum benefit under acrylic enamels, such as Resene Enamacryl (see Data Sheet D309) and Resene Lustacryl (see Data Sheet D310), Resene Acrylic Undercoat tinted to the correct colour is ideal for use under a wide range of waterborne and solventborne topcoats to improve the hiding of the paint system.

# Physical properties

Vehicle type 100% acrylic

Pigmentation Titanium dioxide/extenders

Solvent Water Finish Low sheen

**Colour** A range suitable for use under topcoats tinted to

colours selected from the Resene Total Colour

System

Dry time (minimum) 20 minutes at 18°C

Recoat time (minimum) 2 hours Primer required Yes

Theoretical coverage 12.5 sq. metres per litre

Water

Dry film thickness 35 microns at 12.5 sq. metres per litre

Usual no. of coats Chemical resistance Good Heat resistance Good Solvent resistance Good

Sanding properties Good Durability Excellent

Thinning and clean up VOC c. 35 grams per litre (see Resene VOC Summary)

## exterior/interior

### Typical uses

- exterior and interior prepared surfaces
- Block and brickwork
- Cement plasters
- Cloth and woven wallcoverings
- Fibre and particle board
- **Furniture**
- Paperfaced plasterboard
- Repaint old work
- Timber (including Matai. Spotted Gum and Totara)
- Wallboards
- Wallpaper

## Performance and limitations

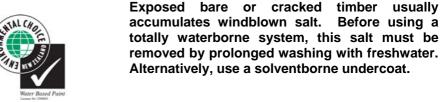
#### **Performance**

- 1. Excellent adhesion to substrates including old
- Available in colours suitable for use under Resene Total Colour System colours to facilitate perfect hiding and finish.
- 3. Excellent flow and sanding properties.
- 4. Outstanding durability maintaining flexibility for the life of the system.
- 5. Designed with a low sheen that allows exceptional enamel hold-out.
- 6. Suitable for overcoating with most finishing
- 7. An Environmental Choice approved product.

#### Limitations

- 1. Do not apply at temperatures below 10°C or when it is liable to drop below 10°C during the drying period.
- 2. Not designed as a first coat over metal surfaces or weak powdery surfaces.

Before using a



Please ensure the current Data Sheet and Safety Data Sheet are consulted prior to specification or application of product. If in doubt contact Resene.

# Acrylic Undercoat general purpose

# Surface preparation

#### Galvanised steel, Zincalume - new

Clean down thoroughly to remove all dirt, dust and loose material. Ensure surface is free from oil, grease and mould. If moss and mould are present, treat with Resene Moss & Mould Killer (see Data Sheet D80). Sand to smooth finish and dust off.

#### Prime as per the following:

#### **Exterior timber**

Resene Wood Primer (see Data Sheet D40).

#### Fibre board, particle board, Matai, Spotted Gum, Totara

Resene Quick Dry (see Data Sheet D45).

#### Fibrous plaster, paperfaced plasterboard

Resene Broadwall Waterborne Wallboard Sealer (see Data Sheet D403) or Resene Sureseal (see Data Sheet D42).

#### Galvanised steel, Zincalume

Resene Galvo One (see Data Sheet D41).

#### Laminated surfaces, varnished surfaces

Resene Waterborne Smooth Surface Sealer (see Data Sheet D47a).

Sanding dust from old lead or chromate based paints or old building materials containing asbestos may be injurious to the health if inhaled or ingested. Seek expert advice if the presence of these materials is suspected.

## **Application**

Apply by brush, speed brush, synthetic fibre roller or spray.

Apply one coat of Resene Acrylic Undercoat allowing two to four hours to dry before applying topcoats. Lightly sand between coats.

New paperfaced plasterboard, solid and fibrous plaster and old powdery cementitious surfaces must be sealed with either Resene Sureseal (see Data Sheet D42) or Resene Broadwall Waterborne Wallboard Sealer (see Data Sheet D403).

#### **Precautions**

- 1. Fill all nail holes and cracked timber after priming.
- 2. Not recommended for use where severe water staining exists.
- 3. Resene Wood Primer (see Data Sheet D40) is recommended for Cedar to hold back staining when light colours are used.

Please ensure the current Data Sheet is consulted prior to specification or application of Resene products. If the surface you propose to coat is not referred to by this Data Sheet, please contact Resene for clarification.