

# HITCHINS

## TECHNICAL DATASPEC

# ROOFGARD

## WATER-BORNE ACRYLIC ROOF PAINT

April 2014

NO.1455 v2

### Description

**Roofgard** is hi-build durable coloured gloss acrylic roof paint and weather resistant finish.

### Recommended Uses

**Roofgard** is a multi-coat system and finish coat over properly prepared and primed metal or cementitious roofing substrates.

### Features

- Excellent weather resistance.
- Wide range of colours, near match to all brands colours.
- Fast dry and recoat times.
- Durable gloss finish.
- Suitable coating for water collection surfaces.

### Limitations

- Do not apply:
- Below 10°C or when humidity is 85% or over.
  - If rain, dew or frost is due within 4 hours of application.
  - In hot, windy conditions.
  - Not recommended for flat areas where water ponding occurs.
  - Plastic surfaces must be suitable etched primed.
  - Metal surfaces must be prepared and coated with anti corrosive primer
  - Some strong colours may require additional coats for good full colour finish.
  - **Roofgard** coated roofs surfaces the downpipes must not be connected to the household tank until dried, cured and coating is either washed down or until after first rain washes non toxic water soluble agents away from the surface.

### Technical Data

Classification	Acrylic water-borne		
Finish	Glossy	Specific Gravity	1.2 kg/litre
Thin / Clean-up	Water	Solids Content (%wt)	45%
Packaging	10 & 20L Pails	Temperature Range	10-30°C
Dry to touch (20°C)	40 minutes	Dry to recoat time (20°C)	3 hours
Coverage rate	8-10m <sup>2</sup> /L/coat	V.O.C.	60 grams/litre
Colour	Wide range of colours available, near match to all brands colours.		

### Surface Preparation

- Treat all moss, mould and lichen infested surfaces with Hitchins Mosskiller and leave for 3 days.
- Heavy bad infestation will require second stronger treatment.
- Leave to weather off over period of time in the rain or water-blast clean. Leave to dry out completely.
- New iron or steel degreased with commercial proprietary cleaner
- Weathered un-painted iron treated de-oxidation solution.
- Rusty iron or steel surfaces scraped, wire-brushed and sanded to thoroughly prepare.

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### Surface Preparation Primers

- Existing oxidation painted and atmospheric polluted surfaces clean with neutral detergent and then all surfaces water-blasted clean.
- All surfaces to be painted must be thoroughly clean and sound free from; oil, grease, dirt, loose and flakey paint.
- New prepared galvanized iron and Zincalume apply Hitchins Pre-Seal or Speedspray 10 primer.
- Weathered unpainted and prepared galvanized iron, apply Hitchins Speedspray 10 primer.
- New and existing prepared steel apply Jotamastic 87 primer.
- Colorsteel, lightly abrade the complete surface.
- Concrete tiles prime (flood coat) with Hitchins Formstik primer.
- Painted surfaces prime with Hitchins Formstik primer.

### Pressed iron Quartz chip Tiled roof

- Existing pressed iron tiles finished in quartz chip that has deteriorated with bare or bald patchy, prepare, spot prime and;
- Apply full coat of **Roofgard** to bare primed patched.
  - Broadcast quartz chip into wet coating, leave to dry.
  - Apply coat of **Roofgard** to all patches.

### Application

- Over prepared, primed surfaces and after remedial work;
- Apply 2 or 3 coats of **Roofgard** at 8-10m<sup>2</sup>/L/coat, by brush, roller or spray.
  - Allow 3 hours (@ 20°C) between coats.

### Health and Safety

Please read SDS before using this product.  
**Roofgard** is non-flammable and has low toxicity.  
 Wear barrier cream and eye protection.  
 Wear protective overalls and dust mask when spraying.  
 Use solvent based primers with good ventilation and protection.  
 Observe good safety occupational work place practices.

### Compliance

Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.

### Warranty

**Roofgard**, as part of a process, is covered under the Hitchins Product Performance Warranty Document for “that” products process, as per our Warranty Schedule.