

# HITCHINS

## TECHNICAL DATASPEC

# Formatt

## Matt Weatherproofing Coating

**April 2014**

**NO.1413 v2**

### Description

**Formatt** is a matt, exterior grade, high build, water-based acrylic with exceptional performance properties.

### Appearance/Finish

**Formatt** produces a soft natural mineral finish but durable and weatherproof.

### Recommended Uses

- **Formatt** can be used by itself over a suitable primer
- **Formatt** as the finish in the Formwal or Sealflex process.
- **Formatt** can be applied to a very wide range of substrates.
- **Formatt** can be applied over existing paint that is in sound condition.
- **Formatt** can be applied to exterior and interior walls, soffits and ceilings.

### Properties/Features

- Does not mark easily like other flat coatings.
- Weatherproof exterior topcoat in high build multi-coat system
- Fashionable – low sheen finish emulates mineral paint look.
- Decorative – available in a wide range of colours. Ideal for creating colour wash effects.
- Low maintenance, new additive produces tough film, enhances easy cleaning and maintenance.
- Produces a soft, natural mineral appearance finish.

### Limitations

Glossy existing paint to be well sanded prior to application of **Formatt**.  
On suspect, cracked surfaces, we would recommend the incorporation of Hitchins Formelast flexible bodycoat within the overall process.  
Waterbased, must be applied todry surface in good fine weather

### Technical Data

Classification	Acrylic		
Specific Gravity	1.3	Solids Content	43% by weight
Coverage Rate	8-10m <sup>2</sup> /litres	Drying times	40 minutes (18°C/65rH)
Recoat times	2 hours (18°C/65%rH)	Application Method	Brush, Roller or Spray
Application Range	8°C-35°C	Clean-up	Water
Packaging	4L, 10L & 20L Pails	Shelf Life	2 years
V.O.C	36grams/litre		
Colours	Full Range with near match to most brands with Matt finish		

### Formatt Systems

- Two coats of selected colour over Sealflex primer G
- Two coats of selected colour over existing sound painted surface
- Two coats of selected colour over Formwal 612 process
- Two coats of selected colour over Sealflex process

### Surface Preparation

- To existing substrates apply Hitchins Mosskill; leave 3 days and water blast clean.
- New concrete and cementitious substrates should be cured for a minimum of 28 days and must be free of curing membranes, bond breakers, form release agents and efflorescence.
- Nibs, protrusions and uneven surfaces should be ground or sanded smooth.
- Cracks, holes and surface imperfections should be filled or flushed with Hitchins Formfil 660 or Formflush 665. Allow to cure and sand.
- Large cracks and expansion joints install Hitchins Formrok 28P over and release materials and tool off neatly. Allow 3 days before over-coating.

## Hitchins New Zealand Limited

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#### **Surface Preparation continued**

- All surfaces to be painted must be dry, sound and thoroughly cleaned, free of dirt, dust, oil, grease, moss, mould and loose flaking paint.
  - Timber should be tanalised and primed with Hitchins Pre-Seal Primer.
  - Galvanized iron should be degreased. Rust areas should be wire brushed or sanded to expose clean steel and primed with 2 (two) coats of Hitchins Speed Spray 10 anti-corrosive primer.
  - Steel work excessive rusting prepared by grinding, wire brushing, sanding, etc and primed with Jotamastic 87. Clean steel primed 2 coats of Speedspray 10 primer
  - All other surfaces sealed as per primer schedule below.
- Hitchins New Zealand Limited provide full written surface preparation and specifications on application.

#### **Recommended Primers**

Substrates	Primer
Concrete / Cement Plaster	Hitchins Sealflex Primer G
Dense concrete	Hitchins Formstik
Concrete block	Hitchins Sealflex Primer Filler
Brick unglazed/glazed	Hitchins Formstik
Fibre cement sheet	Hitchins Formbond / Formstik
Gypsum Plaster	Hitchins Pre-seal Primer
Plywood / Timber	Hitchins Pre-seal Primer
Metal	Hitchins Formear Speed Spray 10 or Jotamastic 87

#### **Application**

By brush, roller or spray  
Coverage is usually 6m<sup>2</sup>/L per coat depending on the effect and substrates profile being coated.  
Number of coats varies depending on the substrates and system.  
Hitchins NZ Ltd would recommend a minimum of 2 coats of **Formatt** over previously painted surface, or over appropriate primer coat.

#### **Top coating**

As a topcoat over any Hitchins propriety system, 1 coat of **Formatt** is sufficient. No thinning is required, but in hot, dry and windy conditions, it may be advantageous to add no more than 5% of water.

#### **Health and Safety**

**Formatt** is water-based, non-flammable and relatively non-toxic. Spills can be removed with water or absorb by sand before drying. Once dry, this product is no longer water soluble. Remove from skin with water before paint dries. In confined areas provide adequate ventilation.  
Refer to the Safety Data Sheet 1413.

#### **Non Compliance Warning**

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

#### **Warranty**

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