

HITCHINS

TECHNICAL DATASPEC

FORMSTAR

Decorative exterior wall finish

April 2014

NO.1433 v2

Description

Formstar is a solvent based single component acrylic finishing coat providing a decorative, weatherproof and long lasting finish.
Formstar over multi-coat Gunac, Sealflex or Formwal process provides a hi-build decorative and weatherproof process with exceptional performance

Recommended Uses

As a decorative finish to most substrates and coating systems where long lasting weather properties is required.

Properties/Features

- **Formstar** available in a wide range of colours
- **Formstar** is smooth glaze coating material.
- **Formstar** provides an optimum balance between durability and installation value with a long life expectancy.
- **Formstar** recoating normally only after 10 years.
- **Formstar** can be applied over a range of Hitchins hi-build coatings and textures
- **Formstar** 2 glaze topcoats will protect the integrity of the system from the effects of UV light, rain and pollution.
- **Formstar** coating is totally impervious to moisture.

Limitations

- Surface must be well prepared and thoroughly dry.
- Cannot be applied on frost effected surfaces
- All hi-build coatings must be dry and cured before applying **Formstar**.
- Trapped moisture the **Formstar** coating will bubble.
- Solvent based, handle and use with care as covered in health and safety section.

Technical Data

Classification	Acrylic resin		
Application Temperatures	8°C – 35°C	Packaging	4L & 20L
Shelf Life	5 years most components	Specific Gravity	0.95
Flash Point	36°C	Clean up	Hitchins No 2 Thinners
V.O.C.	307		
Drying times (25°C/50%RH)	Most components dry to touch 30 mins, recoat 4 -7 hours. Fully dry 7 days		
Colours	Wide range of colours available and near match to all other brands colours.		

Coating Systems

- **Formstar** finish over primed surface.
- **Formstar** finish over an existing acrylic coating
- **Formstar** finish to Formwal 612 process
- **Formstar** finish to Sealflex Process
- **Formstar** finish to Gunac Hi-Build process.
- **Formstar** finish to Varitex or Fortex texture process

Coverage

Formstar consumption or coverage is 8 M² per litre per coat on smooth surface. Slight profiled surface coverage 4-6 M² per litre, per coat.

Hitchins New Zealand Limited

7 Masfield Street, PO Box 40749, Upper Hutt, Wellington, New Zealand, Ph: 64 4 527 7248
 300 Richmond Road, PO Box 46018, Herne Bay, Auckland, New Zealand, Ph: 64 9 360 3246
 Freefax: 0800 448 622, Web: www.hitchins.co.nz, Email: office@hitchins.co.nz



FORMSTAR

Exterior Decorative Wall Coating Process

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Surface Preparation

To existing substrates apply Hitchins Mosskiller solution; leave 3 days and waterblast clean. Leave to thoroughly dry.

All surfaces to be coated must be dry, sound and thoroughly cleaned, free of dirt, dust, oil, grease, bond breakers, release agents, efflorescence, infestation and loose flaking paint.

Concrete and cementitious substrates should be cured for a minimum of 28 days before coating.

Nibs, protrusions and uneven surfaces should be grounded or sanded smooth. Cracks, holes and surface imperfections should be filled or flushed with Hitchins Epoflush 604, Formfil 660 or Formflush 665, allow curing and sanding.

Large cracks and expansion joints install Hitchins Formrok 28P over an release materials and tool off neatly. Allow to cure 3 days.

Timber should be tantalized, galvanized iron degreased, steel work decaled and all surfaces thoroughly prepared including wire-brushing, sanding, be dust and rust free, then primed as per schedule below.

Moisture spoiled **Formstar** removed by solvent wipe back to clean surface. All preparation and coating as per Hitchins specifications and recommended application.

Recommended Primers

Substrates	Primer
Concrete / Cement Plaster	Hitchins Sealflex Primer G
Dense concrete	Hitchins Sealflex Primer G
Concrete block	Hitchins Sealflex Primer Filler
Brick unglazed/glazed	Hitchins Sealflex Primer G
Fibre cement sheet	Hitchins Sealflex Primer G
Gypsum Plaster	Hitchins Traffigard Pre-Seal
Plywood / Timber	Hitchins Traffigard Pre-seal
Metal	Hitchins Speedspray 10 or Jotamastic 87

Application

- **Formstar** coloured glaze coats are applied by brush, fine mohair roller or spray at 4 – 10 M2 per litre depending on surface profile.
- **Formstar** applied over a thoroughly dry and cured coating surface
- Recommend two coats of **Formstar**, apply second coat after first coat is dry.

Health and Safety

- **Formstar** is a solvent acrylic coating for exterior use where good ventilation is present. Ensure adequate ventilation or wear protective mask.
- Protect exposed skin with protective clothing or barrier creams.
- Wear mask when spraying **Formstar**.
- Refer to the Safety Data Sheet no 1433.

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

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