

# HITCHINS

## TECHNICAL DATASPEC

# GUNAC NF

## MULTICOAT, HIGH BUILD COATING PROCESS

December 2014

NO.1423 v3

### Background Historic Great Performer

The original 7 coat Gunac process incorporated bitumen primer and reinforced base coats, Gunac body coats and Formstar top coats. Tremendous performer providing building protection over 30 years plus, but in today's economy found to be too expensive.

### Modern New Formula Process

**Gunac NF** process today comprised of a 5 coat hi-build flexible acrylic process, comprising sealer, flexible base coat and body coat and Nu-Star top coats to protect building for 20 years.

### Description

**Gunac NF** is a flexible thixotropic acrylic emulsion incorporating fine cilia and polypropylene fibres.

### Recommended Uses

- Sealer key coat to bitumen coatings and membranes
- Re-surfacing existing Gunac coatings on older buildings
- Within the new **Gunac NF** 5 coat process

### Features

- Adheres to bitumen with similar co-efficiencies.
- Very flexible due to its elastomeric properties.
- Will accommodate thermal and building structural stress
- Can incorporate reinforcement layer or bandages
- Varied process to suit building conditions and requirements.
- Finish in satin, semi and gloss.
- Long term warranty performance.

### Limitations

Only to be used in accordance with this dataspec. For any variation, contact Hitchins New Zealand Ltd.

### Technical Data

Classification	Styrene Acrylic.	Application Method	Brush, Roller or Spray
Specific Gravity	1.5	Application Temp Range	8°C – 35°C
Solids Content	69% by weight	Clean-up	Water
Coverage Rate	6-8m <sup>2</sup> /L	Packaging	4L, 10L & 20L pails
Dry time	1 hour (18°C@65%rH)	Shelf Life	2 years
Recoat time	4 hours (18°C@65%rH)	V.O.C.	13 grams/litre
Colour	Full range of colours, including near match to all brand colours		

### Surface Preparation

- New concrete must be minimum 28 day cured and free of efflorescence, bond breaker and foam release agents.
- The substrate to be sound, free of concrete splashes, nibs, dust and dry.
- Existing substrate treated with Hitchins Mosskill solution, leave for 3 days and waterblast clean.
- Existing paint to be sound, suspect and failing coating removed to sound edge, then sealed back.
- Large cracks saw-cut chase and sealed with Formrok 28P, when cured flushed out with Formfil 660.
- Minor cracks filled and flushed out with Formfil 660
- Imperfections flushed out with Formflush 665.
- Exposed bitumen sealed with **Gunac NF**.
- Bare surface of concrete substrate and other building elements, prime as per schedule below.

### 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](http://www.hitchins.co.nz), Email: [office@hitchins.co.nz](mailto:office@hitchins.co.nz)



<b>GUNAC NF</b> <b>MULTICOAT, HIGH BUILD COATING PROCESS</b>	
December 2014	NO. 1423 V3
<b>Surface Preparation continued</b>	<ul style="list-style-type: none"> <li>Medium size cracks Flexitape bandage and edge flushed out with Formfil 660. Extensive random cracks full lamination of reinforcement in Gunac flexible base coat.</li> </ul>
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
Timber	Hitchins Pre-seal Primer
Metal	Hitchins Formear Speed Spray 10 or Jotamastic 87
<b>Gunac Process</b>	<ul style="list-style-type: none"> <li>Existing Gunac coated building after preparation, full coat of <b>Gunac NF</b> and two coats of Gunac Formwal of selected colour.</li> <li>Existing Gunac coated building after preparation, full coat of <b>Gunac NF</b> and two coats of Gunac Nu-Star.</li> <li>New unpainted surfaced, 2 coats of <b>Gunac NF</b>, 1 coat of Gunac Formwal of selected colour and 1 coat of Gunac Nu-Star of selected colour.</li> </ul>
<b>Consumption Rate</b>	Apply <b>Gunac NF</b> at 3.5m <sup>2</sup> per litre For all other products, check their dataspecs
<b>Mixing</b>	All products (other than some primer) are single component acrylic, ready to use after good stir mixing.
<b>Clean Up</b>	Wash out spray gear, roller and brushes in water
<b>Non Compliance</b>	Do not apply or install any Hitchins product or process to building structures that do not comply with the Building Code.
<b>Warranty</b>	<b>Gunac NF</b> , as part of a process, is covered under the Hitchins Product Performance Warranty Document for "that" products process, as per our Warranty Schedule The full Gunac 5 coat hi-build process is warranted for 20 years.
<b>Health and Safety</b>	<b>Gunac NF</b> is a waterborne, non-flammable and relatively non-toxic or Refer to Safety Data Sheet 1423 for more information.