

HITCHINS

TECHNICAL DATASPEC

SEALFLEX PRIMER G

Waterborne Primer

December 2014

NO.1436 v4

Description

Sealflex Primer G is a waterborne acrylic primer which has excellent adhesion to a wide range of common building substrates.

Recommended Uses

Sealflex Primer G is used on interior and exterior surfaces prior to the application of base, body and topcoats.

Sealflex Primer G is a primer onto substrates such as:

- Plaster
- Concrete
- Masonry
- Brick
- Stone
- Wallpaper
- Gypsum board / Dry wall
- Timber
- Wood composite sheets
- Fibre cement sheet
- Cement composite sheets
- Existing painted surfaces

Features

Sealflex Primer G can be used as part of the Sealflex process or as a primer under textured and other Hitchins hi-build coatings or conventional paint. **Sealflex Primer G** is an ideal sealer over Gib-board, Customboard, Hardboard, etc. due to its good sanding properties.

Limitations

Sealflex Primer G is water-based and should not be applied in suspect weather, temperatures below 8°C or under poor drying conditions.

Technical Data

Classification	Waterborne 100% acrylic primer emulsion		
Colour	Off White	Specific Gravity	1.4
Solids Content	51% by weight, 38% by volume	Recoating time	2 hours (18°C/65% rH)
Application Method	Brush, Roll or Spray	Application Range	Min 8°C to Max 35°C
Clean-up	Water	Packaging	10L and 20L pails
Shelf Life	2 years in unopened container	V.O.C.	1 gram/litre
Coverage rate	10m ² /L per coat, but less on very porous substrates		
Drying time	Dry to touch : 30 minutes; Hard dry : 4 to 6 hours		

Surface Preparation

- Existing substrates apply Hitchins Mosskill solution, leave for 3 days and waterblast clean.
- All surfaces to be painted must be dry, sound and thoroughly cleaned, free of dirt, dust, oil, grease, efflorescence and flaking paint.
- Concrete and solid plaster substrates should be minimum of 28 days old, free from curing films, form release agents, bond breakers and any other contamination.
- Nibs, protrusions and uneven surfaces should be ground or sanded smooth.
- Cracks, holes and surface imperfections filled or flushed with Hitchins Formfil 660 or Formflush 665 or Epoflush 604. Allow to cure and sand.
- Large cracks and expansion joints install Hitchins Formrok 28P over and release materials and tool off neatly. Allow to cure 3 days.
- If sealant to be coated over, seal with Speedspray primer.
- Porous unpainted surfaces (such as block wall) or concrete on hot day can be dampened with water/Vinstik solution (1 litre Vinstik to 8 litre water) prior to application of **Sealflex Primer G** to equalize absorption.
- For improved results on block wall apply Sealflex primer filler.
- Skim (thin layer) modified plasters should cure for a minimum 5 days before over-coating.

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Surface Preparation - continued

- All other substrates or surfaces must be prepared and sealed as per primer schedule below.
- Rusty metal prepared and primed with Jotamastic 87.

Primers

Sealflex Primer G is the primer for a very wide range of surfaces under numerous Hitchins base and topcoat products.

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

For further information on these products, their use and application, consult the Hitchins office.

Application

- **Sealflex Primer G** application can be by brush, roller and spraying.
- **Sealflex Primer G** should be applied at 10m²/L per coat but it can take considerably more on dry, very porous or profiled substrates.
- Stir thoroughly before use, apply as is or thin 5% when required.

Drying and Curing

- Allow a minimum of 2 hours before over-coating.
- **Sealflex Primer G** hard dry in 4-6 hours
- Drying times affected by cold weather conditions, allow extra time.
- Under hot, dry and windy conditions thin up to 5% water to ease application and slow down drying.
- Surface can be pre-dampened prior to **Sealflex Primer G** coat.

Top-coating

- **Sealflex Primer G** can be top-coated with several Hitchins products, depending on the coating process and finish required.
- Hitchins hi-build coatings over **Sealflex Primer G** are Basetex, Formelast, Formwal 612, Formcote, Formatt and Traffigard.
- Hitchins textured coatings over **Sealflex Primer G** are Varitex, Fortex, Fortex Hi-tex, and Ceramitz.
- These coatings can be further protected with Nu-clear or Nu-Star
- Observe the required drying time between all coats.
- For more details refer to particular product data-specs or the processes involved. Hitchins provides full specifications.

Health and Safety

As **Sealflex Primer G** is waterborne, it is non-flammable and relatively non-toxic. Spills can be removed with water or by using sand to absorb the paint. Once dry this product is no longer water soluble. Remove from skin before paint dries. Provide good ventilation in confined areas. Refer to the Safety Data Sheet N° 1436 for more information.

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

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