

SEALFLEX

PRIMER FILLER

Waterborne Acrylic Primer Filler

March 2014

NO.1445 v4

Description

Sealflex Primer Filler is an exterior / interior gap-filling acrylic primer with fine silica designed to fill substrates with small holes, small cracks and other surface imperfections, providing excellent adhesion to common building substrates.

Recommended Uses

Sealflex Primer Filler is used over substrates which contain small pin holes, fine cracks and other surface imperfections, such as :

- Concrete blocks Concrete Masonry
- Plaster Off form 'in situ' concrete
- Precast panels

Sealflex Primer Filler can provide a fine sandy mechanical key for high build texture coats and heavy duty flexible membrane systems used to weatherproof and decorate walls of buildings and other structures.

Sealflex Primer Filler is part of several Hitchins processes:

- Sealflex System Formwal System
- Fortex System Varitex System
- Ceramitz System Unishield System

Features

Sealflex Primer Filler provides:

- Excellent adhesion to wide range of common building substrates and surfaces.
- Very good initial pin hole filling properties for rough, boney concrete and blocks.
- Fine sandy mechanical key for other coatings and textures

Limitations

- Do not apply at temperatures below 8°C or in suspect weather conditions
- Block wall surface require a full coat of Hitchins Basetex over sealer.

Technical Data

Classification	Waterborne acrylic primer / filler		
Specific Gravity	1.48	Colour	Off-White
Storage/Shelf Life	4 years in unopened container	Clean-up	Water
Packaging	Available in 10 and 20 litre pails	Flash Point	Not applicable
Application Temp Range	Minimum 8°C, Maximum 35°C	Coverage rate	2-3 m ² /litre
Application Method	Brush or roller	Solids by weight %	64%
Flexibility	Passes 3mm mandrel	V.O.C. grams/litre	27
Dry time	Dry to touch: 30 to 60 minutes; Hard dry: 4 to 6 hours		
Recoat time	Minimum 4-24 hours depending on film thickness and drying conditions		

Surface Preparation

- To existing substrates apply Hitchins Mosskill, leave 3 days and high pressure water-blast to wash to clean. Allow to dry.
- 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.
- All surfaces to be coated must be dry, sound and thoroughly cleaned, free of dirt, dust, oil, grease or any other contaminates and flaky paint.
- Concrete nibs, protrusions, splashes and uneven surfaces should be ground or sanded smooth.

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Surface Preparation continued

- 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 Polyurethane Sealant, over release materials and tool off neatly. Allow 3 days curing before over-coating
- Tantalized timber prepared 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 Speedspray 10 anti-corrosive primer or 1 coat of Jotamastic 87.
- New steel work degreased, existing steel work with excessive rusting the surface prepared by grinding, wire brushing, sanding, etc and primed with Jotamastic 87.
- Timber primed with Hitchins pre-seal primer.
- Hitchins New Zealand Limited provides full written surface preparation and specifications on application.

Application

- Application can be by brush, woolly roller to fill holes and imperfections.
- **Sealflex Primer Filler** should be applied at 2.5 – 3.0m²/L depending on porosity of substrate and degree of filling required.
- Product is highly pigmented and contains fine quartz silicates, stir thoroughly before use.
- Do not apply at temperatures below 8°C or when drying conditions are poor.

Drying and Curing

- Drying times are affected by weather conditions, Allow more time under dull, cold cloudy conditions
- Under very dry, hot conditions surfaces can be dampened slightly prior to application of **Sealflex Primer Filler**, however no free water should be present. Up to 5% water can be added to ease application and slow down cure.

Basecoats , Top-coating and Finish Systems

- Sealflex Primer Filler** can be over-coated with:
- Basetex base coat for block work as it provides the best filling properties,
 - Formelast for random fine cracking in concrete or plaster substrates.
 - Top-coating with Formwal 612, Format, Formcote as finish or further coated with Nu-Star coloured glaze finish, or;
 - Sprayed textures such as; Varitex, Fortex, Fortex Hi-Tex , Ceramitz and finished in Nu-clear glaze for extra water-proofing and protection.
 - Allow a minimum of 3 hours between smooth coats, four hours plus for textures and full 24 hours before applying acrylic Glaze and up to 3 days before applying Formrok 335 Flexible Polyurethane Topcoat.

Health and Safety

As **Sealflex Primer Filler** is water-based, it is non-flammable and low-toxicity. Spills can be removed with water, Once dry longer dissolves in water. Remove from skin before paint dries, or use hand-cleaner and soapy water. Wear protective gear and provide adequate ventilation in confined areas. Refer to the Safety Data Sheet N° 1445 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 Filler as part of a process is covered under the Hitchins Product Performance Warranty Document for “**that**” products process, as per our Warranty Schedule.