

OVERVIEW

Silprime is a silane siloxane based penetrating primer for concrete surfaces. It binds the substrate to give a solid base for decorative finishing coats. When it penetrates into the substrate, it creates a hydrophobic zone into which liquid water cannot enter, thereby preventing efflorescence from reaching the surface and debonding the final finish.

PROPERTIES

Silprime is a blend of silane siloxane and acrylic polymers which penetrate into the substrate binding and waterproofing the surface. The product has the following advantages:

- Water based
- Eliminates efflorescence
- Improves weather/water resistance of finish
- Eliminates freeze/thaw damage
- Binds well to substrate and finish coat

AREAS OF USE

For exterior and interior use on concrete, plaster and lightweight concrete. On all high alkali surfaces and on surfaces which have risk of secondary efflorescence.

PREPARATION OF SURFACE

Ensure that all dust, dirt and foreign matter are scraped and brushed away. Also ensure the surfaces are free from salts, oil, grease and ridges, and protect all adjacent surfaces not to be covered. All cracks, chips, voids and damages should be repaired with an appropriate filler.

APPLICATION & CLEANING OF TOOLS

Apply liberally and evenly by brush or appropriate spray equipment and allow to dry. The surface is considered fully treated when a slight sheen is seen to appear on the surface. Depending upon the surface condition it may be necessary to apply a two or three coats. Silprime should be painted/covered as soon as possible, to ensure optimum adhesion.

Clean tools and equipment with water after use.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Product is supplied in 5kg and 20kg containers.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 6 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

TECHNICAL DATA

Product	Silicone based penetrating primer.
Binder	Silane siloxane / acrylic.
Drying Time	1 - 2 hours.
Toxicity	Non-toxic.
Specific Gravity	1.02
Coverage kg/m²	0.1 - 0.2kg/m ² depending on surface porosity.
Application Method	Brush / roller / spray.
Packaging	5kg and 20kg containers.
Storage	6 months in original unopened containers.

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