

### PRODUCT DESCRIPTION

Stonclad Surface Veil is designed to protect Stonclad GS and Stonclad HT overlayment systems from the effects of thermal shock. The system consists of Stonclad Surface Veil Saturant with a fiberglass reinforcing layer. The Stonclad Surface Veil system is strong enough to handle the surface stresses that occur during thermal shock.

### PRODUCT ADVANTAGES

- 100% solids
- Excellent bond strength assures superior adhesion
- Cures at ambient temperatures
- Factory proportioned packaging insures consistent high quality and simplified mixing
- Fiberglass reinforcing provides strength and durability.

### PACKAGING

Stonclad Surface Veil is supplied in units for easy handling. Each unit consists of:

#### Surface Veil Saturant

One carton containing:  
 6 foil bags Part A (curing agent)  
 6 poly bags Part B (resin)  
 0.75 oz. engineering fabric  
 1 unit = 1 roll

### COVERAGE

Approximately 18.58 m<sup>2</sup>. per unit at an application thickness of 30 mils.

### STORAGE CONDITIONS

Store the Stonclad Surface Veil Saturant between 16°C and 29°C in a dry area. Avoid excessive heat and do not freeze. The shelf life is 3 years in the original, unopened container.

### SUBSTRATE PREPARATION

Preparing new Stonclad substrate  
 No preparation is required, however, a light mechanical grind can be done to remove any surface imperfections.

#### Preparing existing Stonclad substrate

Proper preparation is critical to ensure an adequate bond. The substrate must be dry and free of all wax, grease, oils, fats, soil and loose or foreign materials. The existing Stonclad substrate must be prepared by mechanical methods, i.e., abrasive blasting or scarifying. Other contaminants may be removed by scrubbing with a heavy-duty industrial detergent (Stonkleen DG9) and rinsing with clean water. For recommendations or additional information regarding substrate preparation, please contact Stonhard's Technical Service Department.

### MIXING

Note: Do not start mixing until the surface is properly prepared and dry, with the temperature of both the Surface Veil Saturant and the surface at least 16°C.

### PHYSICAL/CHEMICAL CHARACTERISTICS

Pot Life @ 25°C	25 minutes
Coverage	18.58 m <sup>2</sup> per unit
Cure Rate @25°C for tack-free surface	6-8 hours
Temperature Limitations	60°C continuous exposure 110°C intermittent exposure

Surface Veil Saturant is supplied in factory proportioned quantities. To achieve thorough and proper mixing, the Surface Veil Saturant must be mechanically mixed using a heavy-duty, slow-speed drill (400-600 rpm) with a Jiffy Mixer. Empty the contents of Part B (resin) and Part A (curing agent) into a clean mixing container. Mix with a slow-speed drill and Jiffy Mixer for 1 1/2 to 2 minutes.

### POT LIFE

Surface Veil Saturant has a working time of approximately 25 minutes at 25°C. The working time may vary depending on ambient conditions.

### APPLYING

Surface Veil Saturant is mixed, just prior to use, and must be immediately applied. Application is as follows:

#### Saturant Base Coat

Apply saturant liquids to the substrate using a 15 mil notched rubber squeegee (#88039). Care must be taken not to have puddles during this phase because they can lead to oversaturation of the fiberglass.

#### Engineering Fabric

After applying the saturant, place the engineering fabric into the wet material. Overlap any adjacent fabric at a minimum of 13 mm.

#### Saturant

Apply more saturant to engineering fabric using a saturated medium nap roller (#88060). Apply just enough saturant to make the fabric lose its white color. When the fabric is completely saturated, roll with a ribbed roller to release any air pockets in the reinforcement (2-inch diameter ribbed roller (#88071) for large, open areas, 1-inch diameter ribbed roller (#88070) for tight spots and corners). Allow to cure for 6-8 hours.

Prior to topcoating, lightly grind the surface to eliminate any protruding reinforcing fibers, then vacuum the area completely.

### CURING

The surface of Stonclad Surface Veil will be tack-free in 6-8 hours at 25°C. Ultimate physical characteristics will be achieved in seven days.

## NOTES

- Procedures for maintenance of the flooring system during operations are described in the Stonkleen Floor Cleaning Procedures Brochure.
- Specific information regarding chemical resistance is available in the Stonclad Chemical Resistance Guide. If a coating is utilized to seal the Stonclad Surface Veil surface, please ensure that you consult the Product Data sheet for the coating for details regarding chemical resistance of the coating utilized.
- Safety Data Sheets for Stonclad Surface Veil are available on line at [www.stonccor-europe.com](http://www.stonccor-europe.com) under Products or upon request.
- A staff of technical service engineers is available to answer questions related to Stonhard products specifically or flooring problems in general.
- Requests for literature can be made through local sales representatives and offices, or corporate offices located worldwide.
- The appearance of all floor, wall and lining systems will change over time due to normal wear, abrasion, traffic and cleaning. Generally, high gloss coatings are subject to a reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.
- Surface texture of resinous flooring surfaces can change over time as a result of wear and surface contaminants. Surfaces should be cleaned regularly and deep cleaned periodically to ensure no contaminant buildup occurs. Surfaces should be periodically inspected to ensure they are performing as expected and may require traction-enhancing maintenance to ensure they continue to meet expectations for the particular area and conditions of use.

### IMPORTANT:

Stonhard believes the information contained here to be true and accurate as of the date of publication. Stonhard makes no warranty, expressed or implied, based on this literature and assumes no responsibility for consequential or incidental damages in the use of the systems described, including any warranty of merchantability or fitness. Information contained here is for evaluation only. We further reserve the right to modify and change products or literature at any time and without prior notice.

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