

### PRODUCT DESCRIPTION

Standard Primer is a two-component, epoxy based priming system. It is applied to a properly prepared substrate prior to the application of the appropriate Stonhard overlayment. The use of Standard Primer ensures a secure bond between the substrate and the overlayment, reduces absorption of the overlayment's liquids (epoxy resin/curing agent) and makes the application of the overlayment easier.

### USES, APPLICATIONS

Standard Primer is designed for use with Stonclad GS, Stonshield HRI Base, Stonglaze VSM and other Stonhard flooring systems. Standard Primer should not be allowed to cure without overlayment, ie. mortar, broadcast or subsequent primer. See the Primer Selection Guide for appropriate selections

### PACKAGING

Standard Primer is packaged in units for easy handling. Each unit consists of:

- 1 carton containing:
  - 6 foil bags of Amine
  - 6 poly bags of Resin

### COVERAGE

One unit of Standard Primer will cover approximately 55.75 m<sup>2</sup> of relatively smooth surface. A mix of Standard Primer is made up of one foil bag of amine and one poly bag of resin. Each mix will cover approximately 9.29 m<sup>2</sup> on very rough surfaces, a mix of Standard Primer may not cover a full 9.29 m<sup>2</sup> The rougher the surface, the less total area a mix will cover.

### STORAGE CONDITIONS

Store all components of Standard Primer between 16 to 30°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

Proper preparation is critical to ensure an adequate bond and system performance. The substrate must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

### MIXING

- Empty the contents of the amine and resin into a clean mixing container.
- Mix with a slow-speed drill and Jiffy Mixer for 1-1/2 to 2 minutes.

**Note:** Do not start mixing until the surface is properly prepared And dry, with the temperature of both the Standard Primer and the surface at least 16°C.

### PHYSICAL CHARACTERISTICS

Pot Life	20 to 25 minutes @ 21°C
Application Temperature Range	Ambient and substrate temperatures should be between 16°C and 32°C
Tensile Strength (ASTM D-638)	22 N/mm <sup>2</sup>
Tensile Modulus (ASTM D-638)	0.7 x 10 <sup>3</sup> N/mm <sup>2</sup>
Percent Elongation (ASTM D-638)	20%
V.O.C. (ASTM D-2369, Method E)	15 g/l

**Note:** The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field applied materials may vary and certain test methods can only be conducted on lab made test coupons.

### CURING

Standard Primer must remain wet for the application of appropriate Stonhard overlayment. The cure time for Standard Primer is approximately 8 hours at 25°C

**Note:** Standard Primer cannot be allowed to cure on its own.

### APPLYING

- Standard Primer may be applied by rubber squeegee, brush or medium nap roller. It is important to obtain the proper coverage and not allow the material to puddle in holes or depressions.
- Application of the appropriate Stonhard overlayment must be completed BEFORE the primer sets. If the primer hardens before the overlayment is applied, it must be mechanically removed and the area must be re-primed.
- The "open time" for Standard Primer is approximately 3 hours at 25°C.

**PRECAUTIONS**

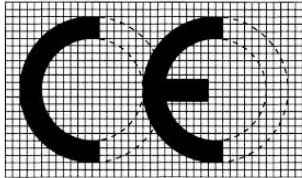
- Both liquids are skin and eye irritants – avoid contact.
- The selection of proper protective clothing and equipment will significantly reduce the risk of injury. Body covering apparel, safety goggles or safety glasses and impermeable gloves are required.
- In case of contact, flush the area with copious amounts of water for 15 minutes and seek medical attention. Wash skin with soap and water.
- Use only with adequate ventilation.
- Standard Primer should never be allowed to cure without Direct application of another system such as broadcast, mortar or SL Primer.

**NOTES**

- Material Safety Data Sheets for Standard Primer are available on line at [www.stonhard.com](http://www.stonhard.com) under Products or upon request.
- A staff of technical service engineers is available to assist with installation or to answer questions related to Stonhard products.
- Requests for literature can be made through local sales representatives and offices, or corporate offices located worldwide.

**CE MARKING**

The harmonized European Standard EN 13813 „Screed material and floor screeds- Screed materials - Properties and requirements“ specifies the requirements for screed materials for use in floor construction internally. Resinous flooring systems as well as resinous screeds fall under this specification they have to be CE-labeled as **per Annex ZA., Table ZA.1.5 and 3.2** and fulfill the requirements of the given mandate of the Construction Products Regulation no. 305/2011

	
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EC-DOP-2013.09.001	
EN 13813 SR-B2.0	
Synthetic resin primer system for use internally in buildings <sup>1</sup> (system as per Product Data Sheet)	
Reaction to fire:	B <sub>fl</sub> -S <sup>1</sup>
Release of corrosive substances:	SR
Adhesion strength by pull-off test:	> B2.0
Chemical resistance:	CRG <sup>2</sup>
<sup>1</sup> Tested as part of a system build-up with Stonclad GS <sup>2</sup> CRG: see Stonhard Chemical Resistance Guide	

**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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