

## STONCHEM EPOXY PRIMER

### PRODUCT DESCRIPTION

Stonchem Epoxy Primer is a two-component, pigmented epoxy based priming system. It is applied to a properly prepared surface prior to the application of the appropriate Stonhard overlayment. The use of Stonchem Epoxy 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

Stonchem Epoxy Primer is designed for use with Stonchem 300, 400, 500 and 600 series lining systems as well as other applications. See the Primer Selection Guide to make the appropriate selection.

### PACKAGING

Stonchem Epoxy Primer is supplied in units for easy handling. Each unit consists of:

- 1 carton containing:
  - 6 foil bags of Part A (curing agent)
  - 6 poly bags of Part B (resin)

### COVERAGE

One unit of Stonchem Epoxy Primer will cover approximately 55.75 m<sup>2</sup> of relatively smooth surface. The rougher the surface, the less total area a batch will cover. It is important to get complete coverage without leaving pools of Stonchem Epoxy Primer material in depressions.

### STORAGE CONDITIONS

Store all components of Stonchem Epoxy Primer between 16 - 30°C in a dry area. Avoid excessive heat. Do not freeze. The shelf life is three years in the original, unopened container.

### SUBSTRATE

Stonchem Epoxy Primer is suitable for application over concrete, wood, brick, quarry tile, metal or Stonhard Stonset grouts. For questions regarding other possible substrates, contact your local Stonhard representative or Technical Service.

### SUBSTRATE PREPERATION

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.

### POT LIFE

After mixing, Stonchem Epoxy Primer has a working time of approximately 25 minutes at 21°C. The working time may vary depending upon ambient and surface conditions.

### MIXING

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

Empty the contents of Part A (curing agent) and Part B (resin) into a clean mixing container. Mix with a slow-speed drill and Jiffy Mixer for 1 ½ to 2 minutes.

### PPHYSICAL 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)	39 N/mm <sup>2</sup>
Tensile Modulus (ASTM D-638)	69 N/mm <sup>2</sup>
Present Elongation (ASTM D-638)	14%
VOC Content (ASTM D-2369)	5 g/liter

**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.

### APPLYING


Stonchem Epoxy Primer may be applied by a rubber squeegee, a brush or a medium nap roller. It is important to obtain the proper coverage and not allow the material to puddle in holes or depressions. The open time for Stonchem Epoxy Primer is approximately 1 hour at 25°C.

### NOTES

- Material Safety Data Sheets for Stonchem Epoxy Primer are available on line at [www.stoncor-europe.com](http://www.stoncor-europe.com) under Products or upon request.
- A staff of technical service engineers is available to assist with application or to answer questions related to Stonhard products.
- Requests for technical literature or service 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-labelled as **per Annex ZA., Table ZA.1.5 and 3.3** and fulfil the requirements of the given mandate of the Construction Products Regulation no. 305/2011

	
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DOP-2013.09.008	
EN 13813 SR-B2.0	
Synthetic resin primer system for use internally in buildings I (system as per Product Data Sheet)	
Release of corrosive substances:	SR
Adhesion strength by pull-off test:	> B2.0
Chemical resistance:	CRG <sup>2</sup>
1 Tested as part of a system build-up with Stonchem series 2 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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