

PRODUCT DESCRIPTION

Primer 128 is a two-component, epoxy based, solvent and nonylphenol-free Priming system. It is applied to a properly prepared surface prior to the application of the appropriate Stonhard overlayment. The use of Primer 128 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

Stonhard's Primer 128 is designed for use with all Stonhard & Liquid Elements flooring systems, i.e., Stonclad GS/HT/NM/ESD, Stonkote GS4/HT4/HB4/ESD, Stonproof ME7/RH7, Stonlux SL/ESD, Stonres & liquid Elements systems and Stonchem 400, 500, & 600 series. See the Primer Selection Guide for the appropriate selection.

PACKAGING

Primer 128 is packaged in units for easy handling. Each unit consists of:

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

Primer 128 part C (needs to be ordered separately)

Filler - 25 kg of microdol

COVERAGE

One unit of Primer 128 will cover approximately 55,8 m² of relatively smooth surface. A batch of Primer 128 is made up of one foil bag of amine and one poly bag of resin. Each batch will cover approximately 9.2 m². Since each batch has been proportioned to cover a specific area, the installer should make certain that each single batch is NOT used to cover a larger area. Also, on very rough surfaces, a batch of Primer 128 may not cover a full 9.2 m². The rougher the surface, the less total area a batch will cover. It is important to get complete coverage without leaving pools of Primer 128 material in depressions.

SCRATCH/SCRAPE LAYER

Primer 128 can also be used as a scrape layer to level porous substrates in maximum thickness of 1 mm. When using the primer 128 as a scrape layer the coverage will be approximately 30 m² in a maximum thickness of 1 mm. Scrape filler part C can be added in a ratio 1:1 to obtain a viscous primer layer that seals off porosity in the substrate. 1 mix Primer 128 + 2,5 kg part C.

STORAGE CONDITIONS

Store all components of Primer 128 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.

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 (ISO 527)	25 N/mm ²
Percent Elongation (ISO 527)	15%
V.O.C. (ASTM D-2369, Method E)	35 g/l

* Tested as part of the Stonclad GS flooring system

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.

MIXING

Empty the contents of Part A and Part B into a clean pail and mix with a slow-speed drill and a Jiffy mixer for 1½ to 2 minutes.

Note: Do not start mixing until the substrate is properly prepared and dry with the temperature of both the substrate and the material at least 16°C.

POT LIFE

After mixing, Primer 128 has a working time of approximately 25 minutes at 25°C. The working time may vary depending upon ambient and surface conditions.

APPLYING PRIMER

Primer 128 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 Primer 128 is approximately one hour at 25°C.

APPLYING SCRATCH/SCRAPE LAYER

Primer 128 Scrape may be applied with 15 mil notched rubber squeegee and should receive a backroll with blue loop roller to level the material. Depending on the porosity of the substrate it's recommended to apply primer 128 followed by primer 128 + Part C (Scrape layer) wet on wet.

CURING

The cure time for Primer 128 is approximately 16 hours at 23°C. At this time, overlayment can begin.

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.
- Primer 128 should never be allowed to cure without direct application of another system such as broadcast, mortar or other suitable flooring system.

NOTES

- Material Safety Data Sheets for Primer 128 are available online at www.stoncor-europe.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 3.3** and fulfill the requirements of the given mandate of the Construction Products Regulation no. 305/2011

	
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DOP-2013.09.015	
EN 13813 SR-B1.5	
Synthetic resin primer system for use internally in buildings ¹ (system as per Product Data Sheet)	
Release of corrosive substances:	SR
Adhesion strength by pull-off test:	> B1.5
Chemical resistance:	CRG ²
¹ Tested as part of a system build-up with Stonclad GS	
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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