

QUIK PRIMER

PRODUCT DESCRIPTION

Quik Primer is a two component, pigmented, aromatic urethane based priming system. It is applied to a properly prepared surface prior to the application of the appropriate Stonhard overlayment. The use of Quik Primer ensures a secure bond between the substrate and the overlayment, reduces absorption of the overlayment's liquids and makes the application of the overlayment easier.

USES, APPLICATIONS

Stonhard Quik Primer is designed for use with Polished, Polished, and Stontec UTF. Quik Primer can also be used in conjunction with other Stonhard multiple broadcast, Stonshield or Stontec systems. See Primer Selection Guide to make appropriate selection.

PACKAGING

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

- 1 carton containing:
- c.a. 4 liter can of isocyanate
- c.a. 4 liter can of polyol resin

COVERAGE

One unit of Quik Primer will cover approximately 23.23 m² at 150 to 200 Micron over a relatively smooth substrate. The rougher the substrate, the less total area one unit will cover. It is extremely important that the primer is applied between 150 to 200 Microns. If the primer is applied thicker than 200 Microns, the material will foam. Rough substrates or substrates with grooves, such as tile, should be avoided.

STORAGE CONDITIONS

Store both components of Quik Primer between 16 to 30°C in a dry area. Avoid excessive heat. Do not freeze. The shelf life is one year in the original, unopened container.

SUBSTRATE PREPERATION

Proper preparation is critical to ensure an adequate bond. The substrate must be dry and free of all wax, grease, oils, fats, soil, loose or foreign materials and laitance. Laitance and unbonded cement particles must be removed by mechanical methods, i.e., abrasive blasting or scarifying. Other contaminants may be removed by scrubbing with a heavy-duty industrial detergent (Stonkleen DG10) and rinsing with clean water. The surface must show open pores throughout and have a sandpaper texture. For recommendations or additional information regarding substrate preparation, contact Stonhard's Technical Service Department.

MIXING

Empty the contents of Isocyanate and Polyol into a clean pail. Mix with a slow-speed drill and a Jiffy Mixer for 1½ to 2 minutes.

POT LIFE

After mixing, Quik Primer has a working time of approximately 15 to 20 minutes at 21°C and 20 minutes at 7°C. The working time may vary depending upon ambient and surface conditions. It is extremely important to pour out your bead immediately after the material is mixed. If the material is left in the bucket the pot life goes down to approximately 5 minutes.

PHYSICAL CHARACTERISTICS

Pot Life	15 to 20 minutes @ 21°C
Application Temperature Range	Ambient and Substrate temperatures should be between 7°C and 32°C
Substrate Moisture Tolerance	<80% RH
VOC Content (ASTM D-2369)	89 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.

APPLICATION

Pour a bead of Quik Primer onto the floor and squeegee out. Be careful not to leave squeegee lines. Use a nap roller to finish roll the material and remove squeegee lines. Do not allow Quik Primer to puddle in holes or depressions. It is extremely important that the primer is applied between 150 to 200 Microns. If the primer is applied thicker than 200 Microns the material will foam. It's also important to pour out your bead immediately after the material is mixed. If the material is left in the bucket, the pot life goes down to approximately 5 minutes.

The open time for Quik Primer is approximately 20 minutes at 21°C. Your broadcast aggregate must be applied within 20 minutes.

Note: Aggregate must be broadcasted into the Quik Primer. If allowed to cure without a broadcast, the primer must be mechanically removed.

CURING

The cure time for Quik Primer is approximately 2 to 3 hours at 25°C and 5 to 6 hours at 7°C.

RECOMMENDATIONS

- Stonkleen TD9 is recommended as an industrial detergent for removal of most contaminants found on concrete.
- Apply only on clean, sound, dry and properly prepared substrate.
- Clean tools immediately with scouring pads and water or mineral spirits. Hardened material will require mechanical removal.
- Minimum ambient and surface temperatures are 7°C at the time of application.
- Maximum surface temperatures must not exceed 32°C during time of application.
- Substrate temperature should be greater than 3°C above dew point.
- Application and curing times are dependent upon ambient and surface conditions. Consult Stonhard's Technical Service Department if conditions are not within the recommended guidelines.

PRECAUTIONS


- Use these materials only in strict accordance with the manufacturer's recommended safety procedures. Dispose of waste materials in accordance with government regulations.
- The use of NIOSH/MSHA approved respirators using an organic vapor/acid gas cartridge is mandatory.
- 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.
- If material is ingested, immediately contact a physician. **DO NOT INDUCE VOMITING**
- Use only with adequate ventilation. Inhalation of vapors may cause severe headaches, nausea and possibly unconsciousness.
- During prep-work of floor substrate or mixing of Stonhard product while adding aggregate, dust mask must be worn.

NOTES

- Safety Data Sheets for Quik Primer are available on line at www.stoncor-europe.com under Tech Info 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-2013.09.006	
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 ²
1 Tested as part of a system build-up with Stonshield URT 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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