DESCRIPTION
Quick 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 Quick 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 Quick Primer is designed for use with Polished, Stonshield URT, and Stontec UTF. Quick 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
Quick Primer is packaged in units for easy handling. Each unit consists of:
1 carton containing:
1 gallon can of Isocyanate
1 gallon can of Polyol Resin

COVERAGE
One unit of Quick Primer will cover approximately 300 sq. ft./23.23 sq. m at 6 to 8 mils 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 6 to 8 mils. If the primer is applied thicker than 8 mils, the material will foam. Rough substrates or substrates with grooves, such as tile, should be avoided.

STORAGE CONDITIONS
Store both components of Quick Primer between 60 to 85°F/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 PREPARATION
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 TD9) 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, Quick Primer has a working time of approximately 15 to 20 minutes at 70°F/21°C and 20 minutes at 45°F/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.

APPLICATION
Pour a bead of Quick 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 Quick Primer to puddle in holes or depressions. It is extremely important that the primer is applied between 6 to 8 mils. If the primer is applied thicker than 8 mils, the material will foam. It is 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 Quick Primer is approximately 20 minutes at 70°F/21°C. Your broadcast aggregate must be applied within 20 minutes.

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Pot Life</td>
<td>15 to 20 minutes @ 70°F/21°C</td>
</tr>
<tr>
<td>Application Temperature Range</td>
<td>Ambient and substrate temperatures should be between 45°F/7°C and 90°F/32°C</td>
</tr>
<tr>
<td>Substrate Moisture Tolerance</td>
<td>&lt;80% RH (ASTM D-2369)</td>
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<tr>
<td>VOC</td>
<td>89 g/l</td>
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</tbody>
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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.
**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 77°F/25°C and 5 to 6 hours at 45°F/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 acetone. Hardened material will require mechanical removal.
- Minimum ambient and surface temperatures are 45°F/7°C at the time of application.
- Maximum surface temperatures must not exceed 90°F/32°C during time of application.
- Substrate temperature should be greater than 5°F/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 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 area with 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 masks must be worn.

**NOTES**

- Safety Data Sheets for Quik Primer are available online at www.stonhard.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.