STONTEC® QBF

PRODUCT DESCRIPTION
Stontec QBF is a nominal 1/16 in./1.5 mm thick decorative flooring system with a stain resistant surface for quick turnaround applications. The color flake broadcast layer results in an attractive floor surface with unlimited color options and is sealed with an epoxy sealer to form a seamless surface. It is comprised of:

Stontec Flakes
- Brightly colored flakes. (1/4 inch flakes only)

Stontek CE4
- A two-component, high performance, UV resistant, high solids, clear epoxy sealer

PACKAGING
Stontec QBF is packaged in units for easy handling. Each Unit consists of:

Stonproof ME7
- 0.67 carton containing:
  - 6 foil bags of Isocyanate (curing agent)

Stonkote CE4
- 0.8 carton containing:
  - 6 foil bags of Amine
  - 6 poly bags of Resin

COVERAGE
Each unit of Stontec QBF will cover approximately 200 sq. ft./18.6 sq. m of surface at a nominal 1/16 in./1.5 mm thickness.

SYSTEM LIMITATIONS
- Stontec QBF is not a waterproofing system unless a separate Stonproof ME7 layer is applied over a primed substrate.
- Cove base is not recommended for the Stontec QBF system without extending the project schedule.
- Substrates with slopes greater than 1/8 in. per foot are not recommended for Stontec QBF.

PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Abrasion Resistance</td>
<td>0.52 gm max. weight loss</td>
</tr>
<tr>
<td>(ASTM D-4060, CS-17)</td>
<td></td>
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<tr>
<td>Cure Rate</td>
<td>12 hours for foot traffic</td>
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<tr>
<td>(@ 77°F/25°C)</td>
<td>24 hours for normal operations</td>
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<tr>
<td>(ASTM D-2369, Method E)</td>
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<tr>
<td>Flammability</td>
<td>Class 1</td>
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<tr>
<td>(ASTM E-648)</td>
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<tr>
<td>VOC Content</td>
<td>Stonproof ME7 - 6 g/l</td>
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<tr>
<td>(ASTM D-2369, Method E)</td>
<td>Stonkote CE4 - 34 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. 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.

- Stontec QBF includes one thick coat of Stonkote CE4. This allows for a quick installation but can result in sealer inconsistencies. If a smooth finish is required an additional sealer coat should be added.

STORAGE CONDITIONS
Store all components of Stontec QBF between 60 to 85°F/16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life of Stontec QBF is 3 years in its original unopened container.

COLOR
Stontec QBF is available in 12 standard colors in large (1/4 in.) sized flakes. Refer to the Stontec Color Sheet for details. Custom colors are available upon request.

Note: Only large (1/4 in.) flakes are permitted with Stontec QBF.

SUBSTRATE
Stontec QBF is suitable for application over properly prepared concrete, wood, brick, quarry tile, metal or Stonhard Stonset grouts. For questions regarding other possible substrates or an appropriate primer, contact your local Stonhard representative or Technical Service.
SUBSTRATE PREPARATION
Proper preparation is critical to ensure an adequate bond and system performance. The existing system must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

PRIMING
The use of a primer prior to the application of the Stontec QBF system is typically not required. However, if the existing substrate is very porous, priming with HT Primer will minimize undercoat soak in and result in a better application. The HT Primer must be allowed to cure prior to overlaying with the Stonproof ME7. Questions regarding priming prior to the application of the QBF should be directed to Stonhard’s Technical Service Department.

MIXING
• Proper mixing is critical for the products to exhibit the proper application properties, cure properties and ultimate physical properties.
• Mechanical mixing is required for all components.
• See Stontec QBF Directions for further details.

APPLYING
• DO NOT attempt to install material if the temperatures of the Stontec QBF components are not within 60 to 85°F/16 to 30°C. The cure time and application properties of the material are affected by temperature and severely affected by humidity levels.
• The Stonproof ME7 is mixed, applied to the floor and broadcasted to refusal with Stontec Flakes. The Stonproof ME7 is allowed to cure and excess flake is removed.
• Stontkote CE4 is mixed, applied to the floor and allowed to cure.

Refer to the Stontec QBF Directions for further detail.