

PRODUCT DESCRIPTION

Stonset QS5 is a two-component, 100% solids, quick-setting, epoxy patching material and adhesive. Stonset QS5 has a thixotropic consistency that aids in its ability to fill pinholes and small voids in primed surfaces or concrete substrates.

USES, APPLICATIONS

Stonset QS5 can be used as a rapid patch or adhesive in a variety of applications, such as:

- Filling pinholes and small voids in a primed surface prior to overlaying.
- Filling small voids and cracks in a concrete substrate prior to the application of a substrate sensitive product.
- An adhesive used to bond floor strips to the substrate.

PRODUCT ADVANTAGES

- 100% solids
- Rapid setting
- Easy to use 1:1 by volume mix ratio

PACKAGING

Stonset QS5 is packaged in a 3/4 gallon unit for easy handling.

Each unit consists of:

1 carton containing:

- (3) 1 pint cans of amine
- (3) 1 pint cans of resin

COVERAGE

Each unit will yield approximately 2,900 cm³.

STORAGE CONDITIONS

Store Stonset QS5 between 16 to 30°C in a dry area. Avoid excessive heat. Do not freeze. The shelf life is 3 years in the original, unopened container.

COLOUR

Medium grey in colour when mixed.

SUBSTRATE PREPERATION

The main use for Stonset QS5 is to fill pinholes or small voids in a primed substrate or a properly prepared concrete substrate. No preparation is required for the application of QS5 in pinholes or small voids on a primed substrate. However, for application over concrete, 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 DG9) 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

Stonset QS5 has a 1:1 by volume mix ratio. Equal volumes of Part B (resin) and Part A (curing agent) should be manually mixed in a small, clean, mixing container. Mixing is complete when the material is a uniform grey colour with no white or grey streaks.

Note: Care must be taken not to mix more product than can be used in 5 minutes. QS5 has a very short working time and sets very quickly.

POT LIFE

After mixing, Stonset QS5 has a working time of approximately 5 minutes at 24°C.

APPLYING

For filling pinholes, a putty knife works best. Work the material into the pinhole and smooth out the edges.

CURING

Stonset QS5 will become rigid after one hour, 4 to 6 hours are required to reach the physical characteristics required for adhesive testing. It will also take 4 to 6 hours for Stonset QS5 to cure enough to be sanded.

RECOMMENDATIONS

- Apply only on a clean, sound, properly prepared substrate.
- Surface temperatures must be between 16 to 30°C at the time of application.
- Application and curing times are dependent upon ambient and surface conditions.

PRECAUTIONS

- Toluene or Xylene solvents are recommended for clean up of unreacted Stonset QS5 material. The reacted materials must be removed by mechanical means. Use these materials only in strict accordance with the manufacturer's recommended safety procedures.
- Dispose of waste materials in accordance with federal, state and local regulations.
- The use of safety glasses and impervious gloves is required during application.
- 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.

NOTES

- Material Safety Data Sheets for Stonset QS5 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.

IMPORTANT:

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