

## Surface Preparation

1. SealGreen is a two-part, urethane sealant, formulated to adhere directly to the concrete, brick, iron, and mortar, found in the frame/chimney area of precast and brick manholes. Any foreign matter impeding the coatings direct contact with the aforementioned materials may adversely affect its ability to perform.
2. A minimum 55 degree air temperature must be present and all substrates onto which SealGreen is intended to adhere must be fully cured prior to the application. For substrate cure times please consult the manufacturer.
3. Remove manhole lid and allow any accumulated fumes to dissipate, use blower to ventilate.
4. Fill all excessive voids (greater than 1/4"). Repair imperfections in the frame/chimney area either by grinding smooth or filling with repair mortar. Repair mortar shall be a one-component, 10-15 minute set, high strength, non-shrink, polymer modified patching mortar, which has been modified for vertical use.
5. Stop any active leaks in the frame/chimney area using a quick cure, urethane such as Cretex Fast Grout or equivalent.
6. Vigorously wire-brush the lower 3" of the manhole frame to remove any loose rust or scale.
7. Wipe the intended application area with a 99% pure acetone and allow to dry. Where excessive dirt is present, a high pressure wash should be used to clean the chimney area prior to the use of acetone.
8. Inspect the frame/chimney area to insure that no surface moisture is present, any active leaks have been stopped, and no excessive voids remain. In the event surface moisture is present, an acetone wipe should be used to flash dry the intended application area.

## Material Preparation & Application

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2. Locate the two cans marked Part A and Part B and remove the lid from each. When opening cans precaution should be taken to insure no foreign matter has been introduced into either component.
3. Pour the yellow contents of Part B into the larger can marked Part A.
4. Insert a mixing paddle into a 1/2" chuck drill and begin mixing the two components. While mixing use a slight circular motion to insure all areas of the can have been completely mixed. The completely mixed product will be uniformly green in color and contain no streaks or discolorations.
5. Using the 3" brush (supplied), apply SealGreen to the entire frame/chimney area. The frame/chimney area is defined as the area 2" above the frame bottom to 2" below the top of the cone section inclusive of all grade adjustment area. SealGreen has a gel time of 20-35 minutes and therefore must be applied within 20 minutes of mixing.
6. Following the application process, blow hot air over the material, using a heat gun with a minimum 750 degree temperature capability. Continue heating the applied material for 3-5 minutes. SealGreen has been formulated to cure in 24-48 hours @ 25C, cure and gel times will vary depending on climate conditions.
7. Replace the manhole cover and dispose of excess product and application material in accordance with local regulations.