

Surface Preparation - SealGreen is a 100% solids, 0 VOC, 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.

Material Preparation & Application - Please refer to the Material Safety Data Sheet when determining proper precautions to be used when storing or handling SealGreen. Each SealGreen kit contains two cans. The contents of each can has been pre-measured to contain the appropriate portions.



1. 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.
2. Pour the yellow contents of Part B into the larger can marked Part A.
3. 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.
4. 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.
5. 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.
6. Replace the manhole cover and dispose of excess product and application material in accordance with local regulations.

Description

SealGreen is a two component urethane sealant. **SealGreen** features excellent elongation, peel strength, and features a tensile strength above 4,000 psi. **SealGreen** is designed as a thixotropic material that will not sag on a vertical surface at thickness up to 1/8th inch.

Typical Properties

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| Product Identification: | Potting and Casting Compound | Product Resin: | Urethane |
| Component Count: | 2 | Color, Part A: | Blue |
| Color, Part B: | Yellow | Color, Mixed: | Green |
| Shelf Life 25C, Part A: | 6 Months | Shelf Life 25C, Part B: | 6 Months |

Viscosity

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| Viscosity, Part A: <i>(ASTM D2393)</i> | 165,000 – 200,000 cps @ 25C, 20 RPM | Viscosity, Part B: <i>(ASTM D2393)</i> | 500-700 cps @ 25C, 20 RPM |
|--|--|--|------------------------------|

Weight per Gallon

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| Weight/Gallon A: <i>(ASTM D1875)</i> | 8.95 – 9.15 lb/gal | Weight/Gallon B: <i>(ASTM D1875)</i> | 8.90 – 9.10 lb/gal |
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Processing

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|-------------------------------|-------------------|------------------------------|------------------------|
| Mix Ratio by Weight: | 100:93.1 | Cure Schedule, Hours: | 24 - 48 Hours @ 25C |
| Alternate Cure, Hours: | 3 – 4 Hours @ 65C | | |

Gel Time

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| Gel Time, Minutes: <i>(ASTM D3056)</i> | 20 – 35 minutes @ 25C (100 gms) |
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Cured Properties

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| Hardness, Shore A: <i>(ASTM D2240)</i> | 95 – 100 | Elongation: <i>(ASTM D638 or D412)</i> | 450 – 500% |
| Tensile Strength: <i>(ASTM D638 or D412)</i> | 4000 – 5000 psi | Peel Strength: <i>(ASTM D3167-03A)</i> | 44.3 LBF/in. |

Handling and Storage

Please refer to the Material Safety Data Sheet when determining the proper precautions to be used when storing or handling **SealGreen**. Most epoxy resins and hardeners are skin and eye irritants. Some epoxy hardeners may actually be corrosive to the skin and eyes. Other health problems may be aggravated by exposure to these materials. Cretex Specialty Products recommends that engineering controls be used to minimize employee exposure to this or any other industrial chemical.

LIMITATION OF WARRANTY: Cretex Specialty Products warrants its Product to be free of defects in materials and workmanship and to conform with all product specifications. Cretex Specialty Products liability is limited to replacement product only. Cretex Specialty Products shall not be liable to Customer or any other party for any incidental, consequential or special damages, or any lost profits which may be incurred by Customer or any other party. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE. NO EMPLOYEE, AGENT OR REPRESENTATIVE OF CRETEX SPECIALTY PRODUCTS IS AUTHORIZED TO CHANGE THIS WARRANTY IN ANY WAY.



SealGreen kit includes material, application brush, opener and gloves.