

## StableCrete™ Technical Data

Last updated > 06.19.2016

TYPE: Water Soluble Liquid (Polymerized Polyester Polymer)

### RECOMMENDED USES

**StableCrete™** permanently waterproofs and preserves concrete, brick, stucco, porous stone and all masonry surfaces. **StableCrete™** increases concrete compressive strength, seals against staining, neutralizes alkali burn, increases concrete tensile strength, provides problem-free bond for paint and floor coverings, prevents curing cracks and dusting, prevents saponification, retards evaporation, and provides acid resistivity. Application is for indoors or outside, on new or old concrete.

COLORS: Translucent

TINTING: Quality Control Red Dye Optional

SHEEN: Non-Film Forming

SOLIDS BY WEIGHT: 4.67%

VISCOSITY: Same as Water

### APPLICATION DATA

**SURFACE PREPARATION:** Remove all dirt, dust, oil, grease, curing compound, foreign matter or parting compounds prior to product application. For freshly placed concrete typical seven day wet curing is recommended as any curing compound will have to be removed prior to application of StableCrete. For newly placed concrete, allow to cure for 28 days prior to application of StableCrete. For aged concrete, mechanically remove aged membranes; restore surface soundness by patching, grouting and crack filling and pressure wash and allow to dry prior to application of StableCrete. For vertical work, after form stripping, repair and refine surface, remove parting compound remnants.

All exterior surfaces to receive StableCrete shall be pressure washed using a 2,500 to 3,000 psi pressure washer and allowed to dry completely prior to application of StableCrete. Interior surfaces that can be pressure washed should be and wet vacuumed following cleaning and allowed to dry completely.

If a concrete cleaner is used, the area should be thoroughly washed to restore natural pH to the surface prior to application of StableCrete. Test for water absorption should be conducted on all structures to ensure proper absorption into the host material. Substrate surface temperature must be above 45 degrees F before application.

**MIXING DIRECTIONS:** N/A (Agitate container to ensure separation has not occurred if product has been stored more than a month.

**APPLICATION METHODS:** Spray application for best results along with a lite back rolling to ensure even coverage and remove any excess ponding material. Also may be applied directly by brush, roller or squeegee.

**APPLICATION EQUIPMENT:** Low pressure sprayer (Hudson type max 20 psi), Airless Sprayer, Roller, or Squeegee

**THINNING:** None

**DRYING TIME:** StableCrete penetrates in approximately 1/2 to 1 hour per application, influenced somewhat by temperature, humidity and job conditions. Application must penetrate thoroughly before proceeding. Allow 24 hours before subjecting to heavy traffic. Allow 48 hours prior to painting.

**SPREADING RATE:** 200 square feet per gallon on horizontal surfaces.

**PAINTING OR COATING (If desired):** Surfaces may be painted/coated with a good quality acrylic, oil-based, epoxy or urethane paint. Do not use latex paints as a top coat.

**RECOMMENDED APPLICATION PRECAUTIONS:** Vertical and shotcrete surfaces may require additional product due to run off or aggressive absorption. Spray application should be back-rolled to ensure proper surface saturation, dwell time and penetration and to remove excess product. Application temperatures greater than 80 degrees F (27C) or low humidity may require additional StableCrete. Do not apply Stable Crete to a frozen host material. Water used to cool a surface prior to applications must be removed. Brush/roll out puddles and runs immediately. Do not allow ponded material to dry on the surface. StableCrete must remain in contact with the host surface in order to be absorbed into the concrete matrix.

**CLEAN UP:** Warm, soapy water.

## LIMITATIONS

**APPLICATION LIMITATIONS:** Winter placements using temporary heat sources, such as torpedo heaters may require additional StableCrete. Protect StableCrete from freezing. In the event of a separation, stir or agitate to uniformity before using. If separation is persistent, discard StableCrete. Applications under high humidity conditions may produce a slippery film. This may be removed with clean water and a stiff bristled broom. Before applying adhesives, wash surface with StableCrete Degreaser/Cleaner and allow to thoroughly dry. A test application is mandatory. For subsequent coating applications, perform proper surface preparation and consult the coatings manufacturer for more instructions. Make certain the most current version of this data guide is being used. Proper application is the responsibility of the user. Field visits by Conselcor are for the purpose of making technical recommendations only, and are not to supervise or provide quality control on the job site.

**PACKAGING:** Available in 1-gallon (3.78 L), 5-gallon pail (18.93 L), 55 gallon drum (208L), 240 gallon totes (908.50 L). Shelf life is typically 1 year when stored in unopened container under normal conditions. Do not allow to freeze in the container; store between 40 and 90 degrees F.

**WEIGHT BY GAL. :** 8.7 lbs. + or - 0.2 lb.      **FLASH POINT:** None

## AVAILABILITY

StableCrete is available from Conselcor, Inc., PO Box 2713, Fort Pierce, Florida 34954 (772) 971-4141 or order online at [www.conselcor.com](http://www.conselcor.com)

## PACKAGING, SAFETY PRECAUTIONS

### FIRST AID

If swallowed, do not induce vomiting. In case of skin contact, flush immediately with plenty of water followed by washing with soap and water. In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes. If affected by inhalation of vapors or spray mist, remove to fresh air. Apply artificial respiration and other support measures as required. If ingested, any type of overexposure or symptoms of overexposure occur during or following the use of this product, contact a Poison Control Center Emergency Room or physician immediately (have label information available).

Keep out of reach of children. Emergency Medical or Spill Control Information (800) 633-8253.

**IMPORTANT:** Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. Spraying of any material can be hazardous. Wear respirator, eye protection and protective clothing.

### MATERIAL SAFETY DATA

Material Safety Data Sheets for StableCrete products are available through Conselcor, Inc.

### TESTING

Water porosity and acid reactivity test may be performed at any time by Conselcor or its agents prior to issuance of warranty.

**15 Year Limited Warranty** The manufacturer warrants that concrete treated with StableCrete will retain the waterproofing effect for a period of 15 years from the date of application, provided that the concrete has not been abraded away and that the owner gives Conselcor, Inc. written notice by certified mail of any claim within thirty days of the discovery of leaking. In the event the treated concrete loses the waterproofing effect during the limited warranty period, the manufacturer will provide sufficient materials to restore the waterproofing effect to the areas on which it was lost. This agreement does not include or cover any loss of waterproofing effect due to improper surface preparation, improper application, the improper use of StableCrete, structural defects or movement, water penetration caused by cracks or joint area requiring caulking, sealants or repointing, failure of the building, any damage to the building or contents thereof or any leakage due to mechanical damage or abuse.

THE PARTIES AGREE THAT THE MANUFACTURER OF STABLECRETE AND CONSELCOR, INC.'S LIABILITY HEREUNDER TO RESTORE THE WATERPROOFING EFFECT TO THE AREA ON WHICH IT WAS LOST, WHICH LIABILITY SHALL NOT EXCEED THE MATERIAL VALUE OF THE STABLECRETE INVOICED FOR THE PROJECT.