

## TECHNICAL DATA SHEET

# SaniCrete PC

### PRODUCT DESCRIPTION

SaniCrete PC is a light to medium duty, low viscosity and economical coating system. It uses the same polyurethane cement technology as the other SaniCrete products without all the coarse aggregates. It provides excellent abrasion and chemical resistance as a protective sealcoat over SaniCrete MD, SL, STX, HF or VR. SaniCrete PC is typically installed at 8-10 mils per coat. PC is not UV stable, it will discolor over time.

### ADVANTAGES

- Good impact and abrasion resistance
- Good chemical resistance
- Fast cure resulting in minimal down time
- Eco-friendly, zero VOC's, taint free
- Acceptable for use in USDA inspected facilities
- Outstanding bond strength to SaniCrete broadcasted systems and concrete
- Does not contain phthalates
- Available with permanent antimicrobial protection

### TYPICAL APPLICATIONS

- Dairies
- Meat, Fish and Poultry Processing Areas
- Freezers and Refrigerated Storage
- Seal coating SaniCrete broadcasted systems
- Priming or scratch coating concrete surfaces
- Wall, curbing and cove base sealing
- Sanitary lock coat for SaniCrete cove/floor transitions

### COLORS

Red, Gray, Charcoal, Green. Other colors available upon request

### TECHNICAL DATA

Compressive Strength .....	7,000 psi
ASTM C 579	
Tensile Strength .....	1,700 psi
ASTM C 307	
Flexural Strength .....	2,850 psi
ASTM C 580	
Adhesion Strength.....	100% Concrete failure @ 400 psi
Service Temperature.....	-50°F - 250°F @ 3/8"
Abrasion Resistance.....	75 mg loss
ASTM D 4060 (CS-17 Wheel, 1000 gm load)	
Peak Exotherm (350gm mass).....	195 F

### SURFACE PREPARATION

SaniCrete floor systems require a clean solid substrate free of oils, grease, wax, solvents, curing membranes and any other contaminants or coatings. Shotblasting is recommended over concrete. Proper preparation of substrate is essential for maximum product adhesion.

### APPLICATION CONDITIONS

Throughout the application and curing process, substrate temperature should be between 40-85 degrees F.

### APPLICATION SUMMARY

Prepare the substrate properly per SaniCrete specifications. SaniCrete PC is a pre-measured four-component product. Thoroughly blend the contents of Part 1 (resin), Part 3 (filler) and Part 4 (Tint Pack). Vigorously blend until a lump-free, smooth mix is obtained. Add Part 2 (hardener) last and continue to blend thoroughly but quickly until a homogenous mix is obtained. Without delay, apply the material by simply pouring the material onto the substrate. Spread the material to the desired thickness by use of a serrated or flat edged squeegee. Roll the surface using a 3/8 nap shed resistant roller cover. Push the coating well into the surface with the roller.

# SANICRETE

THE SANITARY SEAMLESS SOLUTION

At this point, a non-slip texture can be attained by seeding any amount of SaniQuartz or aluminum oxide into the unset coating. Immediately, roll the surface again to embed the non-slip aggregate. Finish roll in a forward direction while gradually lifting off the surface. Ensure kit to kit roll-in time is within 10 minutes or less or color shading may occur.

## COVERAGE (with SL liquids)

140-160 sf per kit as a lock coat over SL broadcasted  
240-260 sf per kit as a sealer over smooth SL or MD  
170-190 sf per kit over diamond ground SL (for broadcast)

## CURE SCHEDULE @ 70° F and R.H. 50%

Pot Life ..... 12 minutes  
Foot Traffic..... 8-10 hours  
Light Wheeled Traffic..... 12-14 hours  
Heavy Duty Service ..... 16-18 hours  
Full Cure..... 2-3 days

## CLEANUP

Clean up application tools immediately after use. Use toluene or Xylene. Observe all fire and health precautions when handling or storing solvents. Wash hands with warm soapy water or hand cleaner.

## HEALTH AND SAFETY

Appropriate health and safety information can be found in the MSDS sheets for the components of this polymer flooring system.

## LIMITED WARRANTY

Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of the system/product. The seller or manufacturer with respect to the results of any use of the product makes no express warranty. NO IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO AN IMPLIED WARRANTY OF MERCHANTABILITY OR AN IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE MADE WITH RESPECT TO THIS SYSTEM/PRODUCT. Neither seller nor manufacturer assumes any liability for personal injury, loss, or damage resulting from the use of this product. In the event that the product shall prove defective, buyer's exclusive remedy shall be as follows:

Seller or manufacturer shall, upon written request of buyer replace any quantity of the system/product which is proven to be defective or shall at its option; refund the purchase price for the system/product upon return of the system/product.

## CHEMICAL RESISTANCE

The following list of chemicals will not deteriorate SaniCrete flooring at a service temperature of 70° F provided that the spillages are washed down within 48 hours. Where volatile aggressive solvents are included, it is assumed that the spillage will either evaporate or be washed down within 1 hour.

Acetone .....	OK
Acetic Acid 25% .....	OK
Alcohol (beer, wine, whiskey, white spirit) .....	OK
Aluminum Sulphate 50% .....	OK
Ammonium Chloride 40% .....	OK
Ammonium Sulphate 50% .....	OK
Brine (saturated) .....	OK
Citric Acid 60% .....	OK
Diesel Oil .....	OK
Ethylene Glycol .....	OK
Fats, Oils & Sugars .....	OK
Formic Acid 50% .....	OK
Gasoline, Diesel & Kerosene .....	OK
Grape Juice .....	OK
Hydrochloric Acid 36% .....	OK
Hydrogen Peroxide 20% .....	OK
Lactic Acid (Milk) .....	OK
Mineral Oil .....	OK
Nitric Acid (<10%) .....	OK
Nitric Acid (<30%) .....	Slight Staining
Potassium Hydroxide Solution 50% .....	OK
Sodium Hydroxide (<50%) .....	OK
Sulfuric Acid 20% .....	Slight Staining
Turpentine .....	OK
Toluene .....	OK
Xylene .....	OK

Some chemicals may stain or discolor SaniCrete flooring without causing any physical deterioration or loss of properties.