

TECHNICAL DATA SHEET

SaniCoat 200

PRODUCT DESCRIPTION

SaniCoat 200 is a two component 100% solids pigmented modified Novolac. SaniCoat 200 was formulated as a performance topcoat to support moderate industrial traffic and chemical exposure. SaniCoat 200 self levels to a high gloss sanitary, durable and easy to clean surface.

ADVANTAGES

- Excellent chemical resistance
- Self leveling
- Anti-microbial protection available
- Good color stability
- Easy to clean
- 100% solids
- Zero VOC's
- High gloss, light reflective
- USDA Acceptable
- Fast cure
- Variable non-slip textures

TYPICAL APPLICATIONS

- Showrooms
- Warehouses
- Pharmaceutical plants
- Industrial Floors
- Maintenance garages and workshops
- Clean rooms and laboratories
- Most indoor applications where aesthetics are a important

COLOR SELECTIONS

Light gray, medium gray, dark gray, beige, taupe safety yellow, green, safety red, tile red, blue, white black.

VISCOSITY

Part A: 1100 cps
Part B: 275 cps
Mixed: 1950 cps

MIX RATIO BY VOLUME

2 parts A resin to 1 part B hardener

CURE SCHEDULE @70F

Pot Life 20 minutes
Tack Free 5 hours
Foot Traffic 10 hours
Forklift Traffic 14 hours

PHYSICAL PROPERTIES

Compressive Strength ASTM D 695	12,000 psi
Tensile Strength ASTM D 638	7,000 psi
Elongation at break ASTM D 638	7.00%
Abrasion Resistance CS-17 Wheel, 1000 gm load ASTM D 4060	.07gm loss
Water Absorption Two hour boil ASTM D 570	0.09%
Flexural Strength ASTM D 790	9,600 psi
Shore D hardness ASTM D 2240	95 87
Heat Distortion Temp ASTM D 648	135° F
Bond Strength to Concrete	100% concrete failure

CHEMICAL RESISTANCE

Moderate concentrations of acids excellent
Low concentration of alkalis excellent
Petroleum products excellent

SANICRETE

THE SANITARY SEAMLESS SOLUTION

For specific information of various chemical reagents, refer to CHEMICAL RESISTANCE GUIDELINES.

HEALTH AND SAFETY

Appropriate health and safety information can be found in the Material Safety Data Sheets (MSDS) for the components of this coating system.

SURFACE PREPARATION

SaniCoat flooring systems require a structurally sound and clean substrate free of oils, grease, wax solvents, curing membranes and any other contaminants. Concrete substrates must be fully cured prior to the application of SaniCoat. Shot blast concrete to provide an open surface and to remove fines, laitance and unsound concrete. The prepared concrete shall have a minimum surface profile equal to 40-60 grit sandpaper.

APPLICATION SUMMARY

1. Prepare substrate properly per specifications provided above.
2. Apply a suitable primer such as SaniCoat 150 or 150P.
3. Within 24 hours, apply SaniCoat 200 by combining one (1) Part B hardener with two (2) Part A resin in a clean dry mixing container. (Be sure to add the B harder component first). Mix thoroughly with a Jiffly type mixer and a low speed (450 rpm) ½" electric drill for 2-3 minutes (accurate measuring and thorough blending is mandatory).
4. Immediately pour the blended material on the floor at your starting point in an 8" wide ribbon. Use a flat or serrated edge squeegee to spread the material to the desired thickness. Note: 10 mils=160sfg. Finish roll the material with a short nap 3/8" shed resistant roller cover. During the finish roll process, aluminum oxide non-slip can be broadcasted into the coating. Be sure to roll-in the non-slip to permanently embed it into the topcoat. Allow to cure.
5. Within 24 hours, successive coats of any SaniCoat 200 series epoxy or SaniThane may be applied. If after 24 hours, abrade surface with 50 grit sand paper to create a proper profile for adhesion.

TEMPERATURE

Throughout the application AND curing process, substrate temperature should be 50-90 degrees F. Surface temperature must be at least 5 degrees above dew point. Applications on concrete should occur while temperature is falling to lessen out gassing.

CLEANUP

Clean up mixing and application equipment immediately after use. Use toluene or Xylene. Observe all fire and health precautions when handling or storing solvents.

CLEANING AND MAINTENANCE

Epoxy flooring systems take from two (2) to seven (7) days to reach their maximum degree of cure (depending on temperature). Thus, optimum chemical and abrasion resistance properties are not necessarily present during the first 48 hours after installation. Use extra care and do not expose the floor to any chemicals during this "break in" period. The lifetime of an epoxy floor will be directly proportional to how well it is cleaned. Dust and dirt act as an abrasive on epoxy flooring. This will lead to a dull finish if not removed on a regular basis.

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.

SPECIAL NOTE: The Company reserves the right to alter or discontinue the system/product described herein at any time.