SANICRETE
THE SANITARY SEAMLESS SOLUTION

TECHNICAL DATA SHEET

SaniCoat II

PRODUCT DESCRIPTION
SaniCoat II is a high performance, 100% solids modified Novolac epoxy floor coating system. It provides a durable chemical resistant high gloss finish designed for medium to heavy duty industrial floor applications. SaniCoat II incorporates the SaniCoat 150P and 200 epoxy products for a functional, lasting, aesthetically pleasing flooring system. The finish coat can be customized from a smooth finish to an aggressive non-slip.

ADVANTAGES
- Excellent chemical resistance
- Available with anti-microbial protection
- Good color stability
- Easy to clean
- 100% solids, zero VOC's
- High gloss, light reflective
- USDA Acceptable
- Various non-slip textures

TYPICAL APPLICATIONS
- Showrooms
- Warehouses
- Pharmaceutical plants
- 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.

SYSTEM SPECIFICATION @ 30 MILS

Primer (10 mils)	SaniCoat 150P	160 sfg
Topcoat (20 mils)	SaniCoat 200	80 sfg

SYSTEM SPECIFICATION @ 20 MILS

Primer (8 mils)	SaniCoat 150P	200 sfg
Topcoat (12 mils)	SaniCoat 200	133 sfg

PHYSICAL PROPERTIES @ 30 mils

Compressive Strength ASTM D 695	13,500 psi
Tensile Strength ASTM D 638	8,000 psi
Elongation at break ASTM D 638	5.5 %
Abrasion Resistance CS-17 Wheel, 1000 gm load ASTM D 4060	.07 gm loss
Water Absorption Two hour boil ASTM D 570	0.09%
Flexural Strength ASTM D 790	9,800 psi
Shore D hardness 95 ASTM D 2240	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

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.

24535 Hallwood Ct. Farmington Hills, MI 48335 ♦ Phone: 248.893.1000; Fax: 248.893.1007
www.sanicrete.com

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SURFACE PREPARATION

SaniCoat flooring systems require a structurally sound and clean substrate free of oils, grease, wax solvents, curing membranes and any other contaminates. 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 concretes shall have a minimum surface profile equal to 40-60 grit sandpaper.

APPLICATION SUMMARY (30 MILS)

1. Prepare substrate properly per specifications provided above.
2. Apply a primer coat of SaniCoat 150P at the rate of 160 sfg. Allow to cure.
3. Within 24 hours, apply SaniCoat 200 at the rate of 80 sfg 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 Jiffler 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 WARRANY 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.

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