



Dudick inc.

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PRIMER 67SD

HIGH SOLIDS, MOISTURE-TOLERANT, STATIC DISSIPATIVE EPOXY PRIMER

FEATURES

Primer for **Protecto-Crete 350SD**
VOC Compliant

RECOMMENDED APPLICATIONS

Concrete Substrates

PHYSICAL PROPERTIES

Tensile Strength	2,000 - 2,500 PSI
ASTM C-307	
Tensile Elongation	15-25 %
ASTM C-307	
Adhesion to Concrete	Cohesive Failure
ASTM D-4541	of concrete
Electrical Properties	10 ⁶ - 10 ⁹ ohms
NFPA #99	
ASTM F-150	

To insure surface resistivity properties, the components of **Primer 67 SD** must be applied within 30 days of product manufacture. Please refer to storage instructions.

SPECIFICATIONS

Primer 67SD shall be 3-4 mils thick, high solids epoxy primer cured with a polyamine as manufactured by Dudick, Inc. Primer shall be squeegee applied in accordance with the manufacturer's recommended practices.

PRIMER 67SD

STATIC DISSIPATIVE PRIMER

Primer 67SD is a high solids, two component, static dissipative epoxy primer.

ESTIMATING QUANTITIES AND ORDER BILL OF MATERIAL

APPROXIMATE SQUARE FEET PER GALLON	
CONCRETE	
Primer 67SD	100 – 150 ft. ²

**Quantities shown are for estimating purposes only. Actual field usage may vary.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Concrete: Refer to specific product bulletin where **Primer 67SD** is being used for concrete surface preparation requirements

APPLICATION SPECIFICATIONS

Substrate temperature for concrete must be between 50°F and 110° F.

Relative humidity must not exceed 90%.

Substrate temperature must be 5°F above the Dew Point.

PRIMER 67SD MIX RATIO (BY VOLUME)

Component A	1 gallon
Component B	41 fl. oz.

The pot life of the mixed **Primer 67SD** will depend on temperature. To prevent material waste and avoid damage to equipment, do not mix more material than can be used according to the following table:

PRIMER 67SD POT LIFE

TEMPERATURE	POT LIFE
50°F	90 min.
75°F	60 min.
90°F	30 min.

At 75°F the pot life and thin film cure of **Primer 67 SD** can be decreased by the addition of Accelerator # 1 as follows:

Oz. Accelerator #1 per mixed gal. Primer 67SD	Pot Life	Thin Film Cure
1-2	12 min.	<3 hrs.
3-4	8 min.	2 hrs.

Do not attempt to store mixed material. Residual material should be properly disposed of at the end of each work period.

PRIMING

Concrete: Add the correct amount of **Component B to Component A** and mix for approximately 1 minute. Scrape the sides and the bottom of the container and mix thoroughly to a uniform consistency.

Primer 67SD should be squeegee applied and back rolled using a short nap roller. While the primer is wet, place female ground cord snap connectors into the surface at a rate of one (1) per 1000 square feet of flooring, making certain that the connector base contacts the primer.

Allow the primer to achieve a tack-free cure before applying the topcoat. Refer to the cure cycle chart and observe the minimum and maximum recoat times.

Important - With all epoxies after priming and before each additional coat, examine the surface for amine blush (oily film). If present, remove by washing with warm water and detergent.

Primer 67SD Cure Cycle:

Temperature	Recoat Time Minimum	Recoat Time Maximum	Cure Time
50°F	10 hrs.	72 hrs.	72 hrs.
75°F	5 hrs.	48 hrs.	48 hrs.
90°F	3 hrs.	24 hrs.	24 hrs.

Application of **Primer 67SD** in direct sunlight may lead to blistering, pinholes, or wrinkling due to outgassing of air

in the concrete and high substrate temperatures. Double priming, shading, or evening application may be required. Consult a Dudick representative.

To optimize intercoat adhesion, the above recoat times must be observed. Exposure of the primer to direct sunlight will considerably shorten the recoat times. If recommended recoat times are exceeded, consult a Dudick Representative; sanding or abrasive blasting may be required before the coating or floor topping can be applied.

CLEANING

Use **S-10 Cleaning Solvent** to clean tools and equipment.

SHIPPING

Refer to Material Safety Data Sheets.

STORAGE

Warning: All Dudick products classified by DOT with either white, yellow or red labels, must not be mixed or stored together as an explosive reaction can occur. All products should be stored in a cool, dry area away from open flames, sparks or other hazards.

When properly stored in their original, unopened containers at 50°F-75°F, **Primer 67SD** components will have a thirty-day shelf life. Exposure to excessive heat may cause premature gelling, reduce working time and shelf life.

SAFETY

M.S.D.S: Material Safety Data Sheets must always be read before using products. **Primer 67SD** is intended for application by experienced, professional personnel. Dudick, Inc. can supply supervision to help determine that the surface has been properly prepared, the ingredients correctly mixed, and the materials properly and safely applied.

If **Primer 67SD** is to be applied by your own personnel or by a third party contractor, please be sure that they are aware of the following safety precautions:

- Exposure to resins and hardeners through direct skin contact and/or inhalation may cause severe dermatitis reactions in some people. Cleanliness of the skin and clothing is critical and must be of paramount concern.
- Fumes are flammable and heavier than air. Proper ventilation should be maintained to minimize breathing of concentrated fumes.



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- Suitable respirators should be used during application.
- Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Discard the clothing. Do not attempt to wash and reuse it. **Primer 67SD** liquids can be removed with S-10 Cleaning Solvent, MEK, or lacquer thinner.
- Keep open flames and sparks away from the area where materials are being mixed and applied.
- If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.
- In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If swallowed, do not induce vomiting; call a physician immediately.

CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWN TIME, DAMAGES TO PROPERTY OF THE PURCHASER OR OTHER PERSONS, OR DAMAGES FOR WHICH THE PURCHASER MAY BE LIABLE TO OTHER PERSONS, WHETHER OR NOT OCCASIONED BY DUDICK'S NEGLIGENCE. This warranty shall not be extended, altered or varied except by written instrument signed by Dudick and Purchaser.

4/7/08

NOTE: Dudick, Inc. ("Dudick") warrants all goods of its manufacture to be as represented in its catalogs and that the manufacture of its products by its employees or sub-contractors shall be performed in a workmanlike manner. Dudick's sole obligation under this warranty shall be to replace any material which its examination shall disclose to be defective. Dudick makes no warranty concerning the suitability of its product for application to any surface, it being understood that the goods have been selected and the application ordered by the Purchaser. DUDICK, INC. MAKES NO WARRANTY, EXPRESS OR IMPLIED, THAT THE GOODS SHALL BE MERCHANTABLE OR THAT THE GOODS ARE FIT FOR ANY PARTICULAR PURPOSE. THE WARRANTY OF REPAIR OR REPLACEMENT SET FORTH HEREIN IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES ARISING BY LAW OR OTHERWISE; AND DUDICK INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR

