



Dudick inc.

Corporate Offices
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**SCRATCH-COAT 300
TROWEL OR SQUEEGEE APPLIED
EPOXY MATERIAL FOR CONCRETE**

FEATURES

Vertical and Overhead Applications
User Friendly
Low Odor
Meets all VOC Requirements

RECOMMENDED APPLICATIONS

Concrete Substrates

PHYSICAL PROPERTIES

Adhesion to Concrete ASTM D-7234	Cohesion Failure of Concrete
Compressive Strength ASTM C-579	2,000 PSI
VOC ASTM D-2369	10 – 15 g/l

SPECIFICATIONS

Scratch-Coat 300 shall be an epoxy based material for filling surface defects and bugholes in concrete substrates as manufactured by Dudick, Inc. Material shall be trowel or squeegee applied in accordance with the manufacturer’s recommended practices.

THE SCRATCH-COAT 300 SYSTEM

Scratch-Coat 300 uses a moisture tolerant primer, epoxy resin and a unique, inert mineral filler to achieve a smooth non-slumping fill material.

The system is formulated to improve the integrity and continuity of a prepared concrete

substrate, prior to the application of a Dudick coating or lining system.

**ESTIMATING QUANTITIES AND ORDER
BILL OF MATERIAL**

APPROXIMATE SQUARE FEET PER GALLON	
	CONCRETE
Primer 67	150-200 ft. ²
Scratch-Coat 300	125-150 ft. ²
S-10 Solvent	500 ft. ²

Quantities shown are for estimating purposes only. Actual material requirements can be more accurately determined after abrasive blasting and examination of the surface profile.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Concrete: Refer to specific product bulletin where **Scratch-Coat 300** 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.

PRIMING

The following Primers are compatible with **Scratch-Coat300:** Primer 67, Primer 67LV, Primer 67DPLV, Primer 67DTO & Primer 60.

PRIMER 67 MIX RATIO (BY VOLUME)

Component A 1 gallon
Component B 1 gallon

**SCRATCH-COAT 300 MIX RATIO
(BY VOLUME)**

Component A 1 gallon
Component B 47 fl. oz.

The Pot Life of the mixed material will depend on the temperature. To avoid material waste, do not mix more than can be used according to the following table.

TEMPERATURE	POT LIFE Primer 67/ Scratch-Coat 300
50°F	45 min.
75°F	25 min.
90°F	10 min.

PRIMER 67

Mix the pre-measured units of **Component A with Component B** for 1-2 minutes. Prime all concrete surfaces at 3-4 mils WFT using a brush, spray, or roller. The **Scratch-Coat 300** may be applied over tacky primer. Do not allow the primer to puddle.

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.

SCRATCH-COAT 300

Mix the pre-measured units of **Component A and Component B** for approximately 2-3 minutes. The **Component A** is white in color and **Component B** is black. Mix until a uniform color is achieved. No color streaks should be present.

Though the **Scratch-Coat 300** is a trowel or squeegee applied material, it is not intended to be utilized as a surface “coating”. The compound should be spread firmly, forcing the material into deep voids and pinholes. Use the trowel blade to scrape excess material from flat, void-free surfaces. The consistency of the mortar provides excellent non-slumping characteristics for vertical or overhead use. This normally allows completion of the surface preparation following only one application.

Allow the **Scratch-Coat 300** to cure until firm before proceeding with the specified basecoat and topcoat. Excessive trowel marks and/or rough areas should be sanded smooth.

Application of **Scratch-Coat 300** 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.

TEMPERATURE	RECOAT TIME	
	MIN	MAX
50°F	12 hrs.	72 hrs.
75°F	8 hrs.	48 hrs.
90°F	4 hrs.	24 hrs.

If these recoat times are exceeded, consult a Dudick representative; sanding or abrasive blasting may be required before the next coat. Recoat times are dramatically reduced when coating is exposed to direct sunlight.

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 containers at 50°F-75°F, **Primer 67** and **Scratch-Coat 300** will have a six-month shelf life. Storage in direct sunlight or excessive heat will cause premature gelling and reduce working time and shelf life.

SAFETY

M.S.D.S. : Material Safety Data Sheets must always be read before using products. Scratch-Coat 300 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 **Scratch-Coat 300** 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



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- ventilation should be maintained to minimize breathing of concentrated fumes.
- 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. **Scratch-Coat 300** components can be removed with S-10 Cleaning Solvent, MEK or lacquer thinner.
- Keep open flames and sparks away from the area where coatings 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.

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

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5/23/18