

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Two component solvent-free epoxy
<b>Description</b>	An epoxy based material for filling surface defects and bugholes in concrete substrates. Scratch-Coat 300 uses an 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 substrate, prior to the application of a coating or lining system.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Contributes toward satisfying credit for low emitting material under LEED 4.1</li> <li>• Meets California Department of Public Health CDPH/EHLB Standard Method Version 1.2 2017 Compliance Certificates Available Upon Request</li> <li>• Meets SCAQMD Rule 1113 for VOC content</li> <li>• Vertical and Overhead Applications</li> <li>• Low Odor</li> <li>• Meets all VOC Requirements</li> </ul>
<b>Color</b>	Gray
<b>Primer</b>	Primer 67, Primer 67LV or others as recommended by Dudick.
<b>Dry Film Thickness</b>	5 - 125 mils (127 - 3175 microns) DFT
<b>Solid(s) Content</b>	By Volume 100%
<b>VOC Value(s)</b>	15 g/l
<b>Topcoats</b>	Topcoat selection will depend on exposure

## SUBSTRATES & SURFACE PREPARATION

<b>Steel</b>	<b>DO NOT USE ON STEEL</b> Contact Dudick for recommendation for a pit and void filler on steel.
<b>Concrete</b>	Refer to System Information Sheet where Scratch-Coat 300 is being used for concrete surface preparation requirements. Or contact a Dudick representative for clarification on surface preparation requirements.

## PERFORMANCE DATA (TYPICAL VALUES)

Test Method	Results
Adhesion to Concrete ASTM D-7234	Cohesion Failure of Concrete
Compressive Strength ASTM C-579	2,000 PSI (13.8 MPa)

## MIXING & THINNING

<b>Mixing</b>	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.
<b>Thinning</b>	DO NOT THIN

# Scratch Coat 300

## PRODUCT DATA SHEET



### MIXING & THINNING

<b>Ratio</b>	Approximately 2:1 DO NOT MIX PARTIAL KITS
	To prevent material waste and avoid damage to equipment, do not mix more material than can be used.
<b>Pot Life</b>	45 minutes @ 50°F (10°C) 25 minutes @ 75°F (24°C) 10 minutes @ 90°F (32°C)

### APPLICATION PROCEDURES

<b>General</b>	<b>IMPORTANT:</b> 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.
<b>Trowel</b>	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 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 CONDITIONS

Condition	Surface	Humidity
Minimum	50°F (10°C)	0%
Maximum	110°F (43°C)	90%

Substrate temperature must be 5°F (3°C) above the Dew Point.

### CURING SCHEDULE

Surface Temp.	Minimum Recoat Time	Maximum Recoat Time
50°F (10°C)	12 Hours	72 Hours
75°F (24°C)	8 Hours	48 Hours
90°F (32°C)	4 Hours	24 Hours

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.

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.

### TESTING / CERTIFICATION / LISTING

<b>General</b>	Dudick flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation to meet static coefficient of friction requirements for ANSI B101.1 of >0.6 and dynamic coefficient of friction (DCOF)* – Wet ANSI A326.3 of >0.42.
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## CLEANUP & SAFETY

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

**Safety** | Read and follow all caution statements on this product data sheet and on the SDS. Employ normal safety precautions. Keep container closed when not in use.

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## PACKAGING, HANDLING & STORAGE

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**Shelf Life** | 6 months @ 50-75°F (10°C-24°C)  
When properly stored in their original containers. Storage in direct sunlight or excessive heat will cause premature gelling and reduce working time and shelf life.

**Storage** | All products should be stored in a cool, dry area away from open flames, sparks or other hazards.  
**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.

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## WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline Company to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Carboline quality control. We assume no responsibility for coverage, performance, injuries or damages resulting from use. Carbolines sole obligation, if any, is to replace or refund the purchase price of the Carboline product(s) proven to be defective, at Carbolines option. Carboline shall not be liable for any loss or damage. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated.