ROUGH COAT **TECHNICAL DATA**

Non-Skid Epoxy

Textured Floor Epoxy
Non-Slip Properties

High Solids
Can Be Topcoated with Enamel/Latex
Attractive Tan Color
Not for sale in Southern California
VOC Class: Floor VOC = 249 g/l

STANDARD PRODUCT

DESCRIPTION

Rough Coat Epoxy is a two component, semi-flexible, high performance epoxy coating for use in areas where a non-slip, finely textured surface is desired. This high solids coating features a unique texturizing agent incorporated into the resin. Rough Coat offers good protection from chemical, abrasion and corrosion attack on steel, concrete, or fiberglass surfaces. This coating provides the extra traction needed in wet or slippery areas to enhance safety. It can be top coated with enamel or latex without much loss in texture.

USES

Stairs, docks and ramps
Aisles and entryways
Production or processing areas
Machinery or assembly areas
Marine applications
Laboratories
Best if applied indoors and allowed to cure for several days prior to use

FEATURES

Eliminates the need for extra aggregate broadcast steps and coats
Easy application of non-skid finish with roller and pan
Tenacious adhesion on properly prepared surfaces
Durable, attractive finish

PHYSICAL PROPERTIES

TYPE	Modified Epoxy Resin/Proprietary Blend Amine Adduct Hardener
COMPONENTS	Two
COLOR	Tan
GLOSS	Semi-Gloss
VOLUME SOLIDS	71% - VOC 2.07 lbs./gallon
COVERAGE	160 sq. ft./gallon - allow for appropriate loss factors
SHELF LIFE	Unmixed components - one year
MAX. REC. SERVICE TEMP.	Dry air temp. 200°F (93°C)
APPLICATION TEMP.	50 - 90°F (10 - 32°C)
MINIMUM RECOAT TIME	6 hours @ 77°F (25°C)
MAXIMUM RECOAT TIME	48 hours @ 77°F (25°C)
MINIMUM CURE TIME	Full service @ 77°F/25°C - 12 hours
CATHODIC DISBONDMENT	9.5 mm^2
MIX RATIO	3:1 (Part A:Part B) by volume
POT LIFE	1 hour @ 77°F (25°C). Time will be extended at lower temperatures and shortened when higher.
METHOD OF APPLICATION	Core Roller
CLEAN UP	Acetone or other Ketone solvent

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PREPARATION	Steel - SSPC - SP6 Commercial Blast Cleaning with 2.0 mil profile. Concrete - Concrete must be properly cured for a minimum of 28 days before application of coating. Surface must be entirely free of oil, grease, dirt, detergent, surface water, laitance, curing compounds, coatings or other contaminants that may interfere with adhesion. The concrete must be abrasive blasted to provide an anchor pattern (similar to 60-80 grit sandpaper min.) for adhesion. Final prepared surface should be clean, free from dust and rough. Consult SSPC-SP13 - Surface Preparation of Concrete. Fiberglass or Wood - Surface must be entirely free of oil, grease, dirt, detergent, surface water or other contaminants that may interfere with adhesion. Sand or grind to product a rough surface and to provide an anchor pattern for adhesion. Final prepared surface should be clean, free from dust and rough. Surface must be clean of oils, grease, biological growth, loose rust and other loose contaminants. On rough, uneven or cracked surfaces, a 100% solids epoxy base coat is recommended to hide these defects.
APPLICATION	This is a two component system. Prior to mixing, components A Resin and B Curing Agent should be at room temperature (60/75°F/16-24°C). Pour Part B into Part A. To ensure complete mixing, scrape sides and bottom of containers. Incomplete mixing will result in soft spots or color variation. Do not mix more material than can be applied within the pot life. Begin application immediately - no induction time is required. Best if applied indoors and allowed to cure for several days prior to use. For outdoor applications apply on warm sunny days with minimum temps over 70°F with 10 or more hours of no dew/fog/condensation. Avoid rain for several days. Moisture sitting upon this coating primarily within the first 12 hours of application, but possible for the first few days, can result in white patches forming on the surface. Air and surface temperature should be between 50-90°F/10-32°C. Do not begin application if air, substrate or material temperature is below 50°F/10°C or expected to fall below 50°F/10°C within 12 hours of application. Do not begin application if dew point is within 5°F/3°C of the temperature. Variations in temperature can affect pot life properties of this material. After mixing, Rough Coat must be poured into a solvent resistance roller pan. Apply Rough Coat out of the roller pan using a 3/8" nap roller to a spread rate of 150 - 175 sq/ft/gal. Do not allow material to puddle and smooth to desired texture using roller. Allow to cure for a minimum of 12 hours @ 77°F before allowing traffic. One coat is satisfactory but 2 coats will give the non-skid grit a more random but uniform pattern.
STORAGE	This product should be stored in a dry area under cover at temperatures between 45-95°F (7-35°C). It is recommended that the coating components be kept inside at a minimum of 60°F/16°C for 24 hours prior to start of application. Keep away from heat, flame and ignition sources.
LIMITATIONS	All epoxies will show chalking/yellowing on exterior exposures. Application of epoxy coatings in cool temperatures and high humidity can result in the formation of amine blush. Blush may appear as a milky, white, tacky residue on the surface of the cured coating and must be removed before the application of another coat. Intercoat adhesion problems may occur if blush is not removed. It is recommended that the coating components be kept inside at a minimum of 60°F for 24 hours prior to start of application. Keep away from heat, flame and ignition sources. Dew, moisture or condensation forming on the epoxy within 12 hours of application can produce a white surface stain.
TRANSPORT	Regulated by DOT. Proper Shipping Name: Paint (Contains Isopropanol, Hazard Class 3, UN 1263. Packing Group III, Hazard Label - Flammable Liquid.

SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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