



GRIPSUR
SELF-PRIMING NON-SKID



BCA CONSTRUCTION
SPECIALTIES

GRIPSUR DOT DTM Anti-Slip Coating

Vehicular Grade Direct-To-Metal Two-Component Epoxy Floor and Deck Coating

Product Description

GRIPSUR DOT DTM is a two-component Direct-To-Metal epoxy anti-slip floor and deck coating engineered to offer anti-slip protection in areas with rolling vehicular and heavy pedestrian traffic. GRIPSUR DOT DTM is suitable for marine and industrial environments. It is self-priming on metal surfaces, easy to apply and offers excellent adhesion. It can also be used on concrete, wood, fiberglass and other surfaces with the use of a primer. GRIPSUR DOT DTM has excellent chemical resistance to oil, gasoline, acids, caustics, hydraulic fluids and most solvents. GRIPSUR DOT DTM has self extinguishing properties in its cured state. GRIPSUR DOT DTM has been formulated to meet the strict requirements of South Coast Air Quality Management District Rule 1113. GRIPSUR DOT DTM is USDA acceptable.

Surface Preparation

Concrete: Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Remove any paint, laitance or loose concrete by scarification or blasting. Smooth or glazed surfaces should be roughened to improve adhesion. New concrete should be cured for at least 30 days prior to application. All release agents, hardeners or sealers must also be removed as they may interfere with adhesion. Prime the clean, dry surface with GRIPSUR WB Epoxy Surface Primer.

Metal: All surfaces must be clean, dry and free of surface contamination. The surface should be prepared to a minimum Commercial Blast per SSPC-SP 6. Coat surfaces immediately with GRIPSUR DOT DTM anti-slip coating.

Wood/Fiberglass: Remove oil, grease, dirt, or other surface contaminants using a commercial grade cleaner/degreaser. Flush the area with water to remove any residues and allow to dry. Sand the surface to remove loose material and to create a surface profile for application. Prime wooden surfaces with GRIPSUR WB Epoxy Surface Primer. Prime fiberglass surfaces with GRIPSUR Metal Primer.

Application

GRIPSUR DOT DTM is designed to be self-priming on metal substrates.

Mixing should be done with a mechanical mixer such as a pneumatic drill motor with a Jiffy® mixing blade. Premix the base component for several minutes making sure all material is lifted off the bottom and uniformly mixed. Pour the entire contents of the hardener container into the base component. Mix thoroughly as described above for 3-5 minutes until contents are a uniform color.

Apply at surface temperatures between 50°F (10°C) and 130°F (54°C). Application below 50°F (10°C) is not recommended as material may not cure properly. Protect exterior applications from rain for at least 24 hours.

Application Techniques

Roller: The best anti-slip characteristics are obtained when the product is applied by roller. For best results, do not thin and apply using a phenolic core roller on even surfaces. On irregular surfaces use a bristle core roller or short nap roller.

To roll, pour a strip of the anti-slip coating approximately 2" long and 6" wide on the surface being coated. Roll by pulling the material toward you in slow straight strokes. Roll material in one direction only.



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Application Techniques

Roller: Use a modest amount of downward pressure on the roller. It is important that the rolled profile expose the maximum amount of non-slip aggregate. If the aggregate is not properly exposed, the coating may become slippery when wet. Make sure coating is even without any thick puddles. If the coating is too heavy, it may not cure properly.

Spray: This coating can be sprayed using Mastic Spray Equipment. Sprayed applications will provide a uniform appearance with good anti-slip properties.

To spray, use a minimum of a 5 gallon bottom outlet pressure pot equipped with a double regulator and air driven agitator with a 1" I.D. outlet pipe.

Use a maximum of 25' of 3/8" hose for air and a maximum of 25' of 3/4" hose for the material.

The spray gun should be equipped with a 1/4" fluid nozzle and a 1/4" internal air cap.

Minimum air supply is 20 CFM at 90 lbs. pressure.

Material pressure should be 15-20 psi.

Fluid pressure should be 20-25 psi.

Maintain constant agitation of the product to insure the aggregate does not settle out during application.

Spray at a distance of 16"-24" from the surface.

Trowel: GRIPSUR DOT DTM may be applied with a smooth trowel such as a flexible plasterer's finishing trowel. Use a trowel of about 4" by 12" for best results. Pour a strip of GRIPSUR DOT DTM on the surface approximately 2" long and 6" wide. Hold the trowel at a 45° degree angle to the surface and spread with a full motion. Reverse the angle of the trowel for an opposite stroke. Pull the material toward you to give the proper appearance.

Surface Maintenance

Maintain a clean surface to ensure the maximum performance from the anti-slip coating. The following cleaning procedure is recommended:

Foreign matter such as chewing gum should be removed with a scraper or putty knife.

Use an all purpose biodegradable cleaner/degreaser mixed with water to clean the surface. Scrub the surface with a long handled, fiber bristled brush or floor machine.

Rinse with clean water and dry.



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Surface Maintenance

Note: While Manufacturer's anti-slip coatings are very durable, they are not a permanent coating solution and will require occasional touch up, especially in heavy traffic areas.

Safety precautions: This product is intended for professional use in an industrial environment only. Consult the Safety Data Sheet prior to application.

Standard Colors

GRIPSUR DOT DTM standard colors: Medium Gray, Light Gray, Beige, Safety Yellow and Black. Custom colors are available and subject to minimum order requirements. Contact our customer service department for more information (914) 612-4990

Medium Gray:	600D61
Light Gray:	600D83
Beige:	600T30
Safety Yellow:	600Y30
Black:	600K35
Solid with hardener:	610C06

Specifications

VOC:	2.07 lbs/gal (248 grams/liter)
Solids by Volume:	62 +/- 2%
Dry Time @70°F (21°C):	Light Traffic: 12 hours Heavy Traffic: 24 hours Full Cure: 7-10 days
Theoretical Coverage:	40 ft ² /gallon (roller), 50 ft ² /gallon (trowel), 60 ft ² /gallon (sprayed)
Coefficient of Friction ASTM F609:	Dry: 1.05 Wet: 1.05
Packaging:	5 gallon kit
Pot life @70°F (21°C):	4 hours
Shelf life:	2 Years

Date

01/2019



RAMPS



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& STAIRS



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AREAS



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WORK BOATS



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PLANTS



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PROCESSING



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SYSTEMS



MACHINE
SHOPS



MARINAS

Manufacturer warrants that its products meet its internal specifications and are of merchantable quality. However, the purchaser is solely responsible for the suitability of the product for any particular application. The purchaser should test or qualify the product for serviceability, environmental compliance and health and safety factors prior to use. Further, our total liability is limited to the price of the product or its replacement in kind.