

FlexGrip Non-Slip Deck Coating

Technical Data Sheet (TDS)

Product Description

FlexGrip is a polyurethane non-slip coating that provides a flexible and durable, non-slip finish for a wide variety of applications.

Product features:

- Surface texture can be easily modified from heavy work boat grip to smoother personal watercraft grip finish.
- High degree of flexibility allowing its use on Hypalon.
- Can be used as a non-skid coating inside the engine room: chemical and fuel resistant.
- Excellent UV stability
- Available in multiple colors including **High Visibility Safety Yellow**.

Do not use below the waterline.

Recommended Uses

FlexGrip can be used in either new build or maintenance situations, where a hard-wearing non-slip surface is required. Can be used on flexible surfaces such as Hypalon.

Mix Ratio

1 part by volume of component A [MTA05XX]
1 part by volume of component B [MTB0500]

Shake both component A and B prior to mixing as settling occurs. From the kit provided add the complete contents of component B [MTB0500] into component A [MTA05XX]. Lesser amounts should be mixed at a ratio of 1:1. Stir the mix thoroughly to assure an even consistency.

The recommended temperature when mixed is 68-77°F (20-25°C).

Product Characteristics

| | |
|--|--|
| Volume Solids Mixed:(Unreduced) | 60% ± 2% |
| Pot Life: (77°F (25°C) and 50% RH) | Up to 8 hours Subject to ambient temperatures and humidity. For further information contact your Endura Representative |
| VOC Mixed (Unreduced): EPA Method 24: Typical | 340 g/l 2.843 lb /gal |
| VOC will vary with color | |
| Shelf Life: | 2 years unopened |
| Available Sizes: | Quart kits, Gallon kits |

Surface Preparation

Steel Substrates:

Surface must be free of all contaminants such as dust, oil, grease, and salt. It is recommended that all steel and other ferrous surfaces be sandblasted to a minimum of SSPC-SP6 or mechanically sanded with 80 grit sandpaper and primed with an appropriate Endura primer. Apply the FlexGrip during the recommended primer recoat window. (Recoat windows are listed on the individual primer Technical Data Sheets)

Previously painted surfaces:

For sanding and repainting over existing finishes it is important to carefully examine old finishes. The total paint thickness must not exceed 8 mils. Ensure the adhesion is sufficient to feather-edge without breaking away from the primer or substrate. If these paint problems exist remove the old finish, otherwise sand thoroughly with 240 – 280 grit sandpaper.

Hypalon:

Contact your Endura Representative for the recommended coating procedure.

For any surfaces not mentioned or for further information contact your Endura Representative.

Application

FlexGrip can be sprayed or rolled. Rolling can be performed with various types of texture rollers to achieve either a smoother finish or more heavily textured type finish. Spray with either a regular spray equipment with a larger tip or a pneumatic Schutz/ undercoat gun.

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USE OF THINNER:

FlexGrip is 'pre-reduced' making it **Ready to Use** and should **NOT** Require Reduction. If additional thinning is required, it should not exceed 5 % by volume or 50 ml per mixed quart.

BACK ROLLING:

As the solvents from the FlexGrip flash off and the product sets up you may see "floating" of color caused by pooling of thinner and pigment colors. Leave yourself room to back roll out heavy areas to meet your desired finished expectations. This will usually be evident around 15 -30 minutes after rolling.

It is strongly recommended that you start with a 2 x 2 foot or 1 square meter area to wet out your roller and experiment with rolling out your desired finish.

For further questions contact your Endura Representative.

Dry Times

| | 68°F (20°C) |
|--------------|--|
| Dry to Touch | 3 hours |
| Walk -On | Overnight for light foot traffic FlexGrip can be accelerated to meet your specific timeline. Consult your Endura Representative for 3-5-hour dry times. |
| Full Cure | 5-7 days |

Note: Dry Times are subject to ambient conditions (temperature and humidity), good airflow and film build of product.

For best results, surface temperature must be 86°F (30°C) or less before topcoating.

The use of Super Catalyst II with Endura topcoats will accelerate drying times.

For questions about scheduling please contact your Endura Representative.

Coverage

FlexGrip should be applied at a rate of 30-60 square ft / mixed quart. (2.8 – 5.6 sq m / mixed liter)

Theoretical coverage at 1.0 mil (25 microns) DFT: 962 ft² per gallon at 100% transfer efficiency.

Clean Up

Clean all equipment immediately after use with a High Strength Gun Wash, Endura epoxy reducers or Endura topcoat thinners/ reducers. Follow manufacturer's safety recommendations when using any solvent.

Environmental Conditions

For optimum coating performance product, substrate and ambient temperature should be between 68°F-77°F (20°C-25°C). To prevent condensation during application the surface temperature must be 5°F (5°F) or more above the dew point at all times.

For use outside this range contact your Endura Representative.

Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at www.enduramarinepaint.com