

Technical Data Sheet (TDS)

Product Description

Endura SlipStop is a three-component, highly cross-linked, high performance polyester polyurethane designed to provide surface slip resistance.

Product features:

- Aggressive non-slip surface coating
- Easy to use

Recommended Uses

SlipStop is intended for industrial applications; either new build or maintenance.

Industries:

- Oilfield & Energy Services
 - Decks & Walkways
- Cranes and Construction Equipment
 - Decks & Walkways
- Waste and Recycling Industry
 - Garbage Trucks

Mix Ratio

The final color of the SlipStop is dependant on the EX-2C Component A color chosen.

- 1 Gallon by volume of component A [**CLRXXXXX**]
(Part Number varies with color)
2 Quarts by volume of component B [**FUB0110**]
1 Gallon by volume of component C [**FUA0028**]

Note: The resin container within the component C container must be added to the crumb rubber within the component C container at least 4 hours prior to mixing and application of the product.

Product Characteristics

Finish:	Anti-Skid Rough texture
Volume Solids Mixed: (Unreduced) CLRXXXXX:FUB0110:FUA0028 (1:0.5:1)	62% ± 4%
Volume solids will vary by color	
Pot Life: (77°F (25°C) and 50% RH)	30 mins – 1hour
Note: Mixing larger quantities of Slipstop will reduce pot life.	
VOC Mixed (Unreduced): EPA Method 24 FUA0120:FUB0110:FUA0028 (1:0.5:1)	288 g/l 2.408 lb /gal
Note: VOC content will vary with each color.	
Shelf Life:	
Component A	3 years
Component B	2 years
Component C	1 years
For unopened product (77°F (25°C))	

Surface Prep

SlipStop is suitable for application on all Endura primers without sanding during their topcoat window. The topcoat window varies with each primer, see the relevant primer technical data sheet for specific topcoat window data.

If the primer topcoat window has been surpassed; the primer should be sanded with 240 – 280 grit sandpaper to achieve intercoat adhesion. All sanding dust must be blown off prior to application of the topcoat.

Steel:

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 40 grit sand paper.

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Concrete:

Concrete surface Surface must be free of all contaminants such as dust, oil, grease and salt. Bead blasting, abrasive blasting or acid etching is recommended.

If acid etching, the surface must be left to dry to ensure it is free from any residual moisture.

New concrete surfaces need to cure for 30 days prior to the application of any coatings.

Prime the surface with EP Hi-Build primer: consult the product Technical Data Sheets for mixing and application instruction. Allow the primer to dry for 12-16 hours before application of the SlipStop.

Aluminum:

Prepare Aluminum surfaces with MetaLink.

Read the MetaLink Technical Data Sheet for complete application instructions.

Apply a coat of an appropriate Endura primer or primer surfacer. The topcoat window varies with each primer, see the relevant primer technical data sheet the for specific topcoat window data.

If the primer topcoat window has been surpassed; the primer should be sanded with 240 – 280 grit sandpaper to achieve intercoat adhesion. All sanding dust must be blown off prior to application of the topcoat.

Do not use Wax and Grease Remover to clean the surface.

Application Method

Step 1: Mix SlipStop Component C thoroughly with a mixer on a drill to remove all chunks and achieve a homogenous mixture.

Step 2: Add EX-2C Component A color component to the SlipStop Component C and mix thoroughly with a mixer on a drill.

Note: Mixing the SlipStop Components in an improper order will result in a much shortened pot life.

Step 3: The SlipStop Component B should be added last to the mixture of Component A and Component C and mixed thoroughly with a mixer on a drill.

Step 4: Use the supplied SlipStop roller sleeve on an 8" roller cage to apply the product. Load the roller sleeve from the paint tray and apply a uniform coating of SlipStop product to the surface.

Do not puddle the product from the mixing pail and roll. Uniformity is difficult to achieve using this method.

For small areas too narrow for the SlipStop roller a pure bristle brush can be used to brush and/or tap in the product as required.

Step 5: Remove all masking tape as soon as the SlipStop is dry beyond tacky. If allowed to dry too long the masking tape will be difficult to remove.

Film Build

Theoretical coverage at 1.0 mil (25 microns)
DFT: 1058 ft² per gallon at 100% transfer efficiency.

Practical Coverage of SlipStop is approximately 60-120 sq. ft. per 2.5-gallon kit.

A SlipStop roller sleeve is supplied with the kit.

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Dry Times

	68°F (20°C)	86°F (30°C)	104°F (40°C)
Dust Free	2 Hours	1 Hour	30 Minutes
Walk on	6-8 Hours	4 Hours	2Hours
Full Cure	7-9 Days	5-6 Days	3-4 Days

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

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

Clean Up

Clean all equipment immediately after use with Endura high strength gun wash, Endura epoxy reducer or Endura EX-2C thinner.

Follow manufacturer's safety recommendations when using any solvent.

Ordering Information (sizing)

5 Quarts		
Comp A -2x	CLRXXXXX-020	1 Qt.
Comp B	FUB0110-020	1 Qt.
Comp C	FUA0028-030	2Qts

2.5 Gallons		
Comp A	CLRXXXXX-030	1 Gal.
Comp B -2X	FUB0110-020	1 Qt.
Comp C	FUA0028-050	1 Gal.

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 (3°C) or more above the dew point at all times.

For use outside this range please 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.endurapaint.com