

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.

SlipStop is suitable for application on all Endura primers.

Industries:

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

Mix Ratio

The SlipStop consists of Endura EX-2C Component A providing the finished color.

- 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: It is recommended that 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 the application.

Product Characteristics

Finish: Anti-Skid (rough texture)

Texture: Rough

Volume Solids Mixed: 66% +/- 4% (depending on color)

Pot Life: 30 Mins - 1 Hour at 77°F (25°C) and 50% RH

Note: Mixing larger quantities of Slipstop will reduce pot life.

VOC Mixed (Unreduced): (EPA Method 24):
White 120: 296 g/l (2.477lb/gal)

Note: VOC content will vary with each color.

Shelf Life:

Component A: 3 years at 77°F (25°C)
Component B: 2 years at 77°F (25°C)
Component C: 1 year at 77°F (25°C)

Note: For unopened product.

Surface Prep

SlipStop can be applied over Endura primer sealer and primer surfacers 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.

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.

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.

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.

SlipStop

Technical Data Sheet (TDS)

Note: If acid etching the surface must be left to dry to endure it is free from any residual moisture.

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

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

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

Application Method

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

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

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

Step 3: The Endura 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 Endura 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 Endura SlipStop product to the surface.

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

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

Step 5: Remove all masking tape as soon as the Endura 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)

Average DFT: 1058 ft² per gallon at 100% transfer efficiency.

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

A SlipStop roller sleeve is supplied with the kit.

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 Hrs	4 Hrs	2Hrs
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.

SlipStop

Technical Data Sheet (TDS)

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.

Safety Precautions

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

An Endura SlipStop roller sleeve is supplied with the kit.

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.

Note: For use outside this range please contact your Endura Representative.