

NoScuff Clear

Technical Data Sheet (TDS)

Product Description

NoScuff Clear is single component flexible adhesion coating designed for use between EX-2C polyurethane topcoats and the substrate of complicated structures, where sanding or scuffing is not possible.

Product features:

- No-scuffing required
- Fast drying
- Easy to apply
- Excellent topcoat hold out
- Multi-purpose product

Recommended Uses

NoScuff Clear is intended for industrial applications, either new build or maintenance. NoScuff Clear acts as a tie-coat between the surface of steel, aluminum, fiberglass and plastics, existing finishes and the Endura polyurethane topcoats.

Note: It can also be applied over many plastic surfaces except polyethylene (LDPE and HDPE).

Note: Product needs to be spot tested in order to use on other plastic surfaces.

Note: Can be applied over Endura primers only when dry and outside the recoat window.

Mix Ratio

NoScuff Clear is a single component product

Stir thoroughly prior to use.

Product Characteristics

Volume Solids: (Unreduced)	3% ± 1%
VOC (Unreduced): EPA Method 24	858 g/l 7.161 lb /gal
Shelf Life:	
NoScuff Clear	1 year
For unopened product (77°F (25°C))	

Surface Prep

Surface must be free of all contaminants such as dust, oil, grease and salt. Surfaces must be cleaned and prepared with appropriate Endura products.

Application Method

NoScuff Clear can be applied using most spray systems, although electrostatic sprayers are not recommended.

Apply 1 thin wet coat of NoScuff Clear.

Spray Gun Setup

Feed Type	Fluid Tip	Application Pressures (heel of gun)	Fluid Delivery
Siphon Feed	1.6-1.8 mm	40-50 psi	
Gravity Feed	1.3-1.4 mm	30-40 psi	
Pressure Feed	1.0-1.8 mm	50-60 psi	10-14 oz/min
Air Assist Airless	9-13 Thou	1,000-1,800 psi	
Airless	11-13 Thou	1,700-3,000 psi	

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Spray Viscosity

NoScuff Clear is packaged at spray viscosity.

Film Build

NoScuff Clear has a recommended film build thickness of:

Wet: WFT Unreduced	1.0 - 1.5 mils	25 – 38 microns
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Theoretical coverage at 1.0 mil (25 microns)
DFT: 42 ft² per gallon at 100% transfer efficiency.

Dry Times

	68°F (20°C)	86°F (30°C)	104°F (40°C)
To Topcoat	1 Hour	45 Minutes	30 Minutes

Note: Dry Times are subject to ambient conditions (temperature and humidity) and good airflow.

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

Maximum re-coat window without reapplication is 24hours at 68°F (20°C)

Clean Up

Clean all equipment immediately after use with Endura High Strength Gun Wash, or Endura EX-2C thinner.

Follow manufacturer's safety recommendations when using any solvent.

Ordering Information (sizing)

Available in Quarts and Gallons.
Other custom sizes may be available.

Quart	
NoScuff Clear	FMI0005-020

Gallon	
NoScuff Clear	FMI0005-030

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.

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.