

Description

Billy Grip is a two-component epoxy coating containing aggregate to build non-slip walking surfaces. The high solids, high build safety coating has great chemical resistance properties, including oils and solvents. With superior durability, the texture profile lifespan is extended with this high performance product.

Features

To enhance the traction of potentially slippery walking surfaces, this non-slip coating is suitable for application in industrial settings.

- oil & gas equipment
- warehouses & loading docks
- manufacturing settings
- concrete or steel walkways

Quick Reference

Mix Ratio	3:1 (Resin to Catalyst)
Catalyst	81000C Billy Grip Catalyst
Recommended Thickness	12.0 - 18.0 mils
Theoretical Coverage	40 - 60 ft ² /usg
Thinner	Do not thin
Clean-up	Xylene

Product Data

Type	Non-Slip Epoxy Coating
Finish	Matte / Textured
Colours	Light Grey - 1000BG Clear (Tintable) - 1010BG
VOC (mixed)	242.4 g/L
Weight Solids (mixed)	83.51 +/- 2%
Volume Solids (mixed)	70.63 +/- 2%
Viscosity (mixed)	Thixotropic
Flash Point	-7°C (-19.4°F)
Shelf Life	1 year from shipment

Surface Preparation

All surfaces must be clean and free from dirt, oils, rust, flaking paint, and other contaminants. Ensure a sandblast quality of SSPC-SP6 (NACE 2) Commercial blast or for best results SPC-SP10 (NACE 2) Near White blast or better. Proper surface preparation will enhance the performance of the coating system.

Important - Billy Grip should be applied to properly primed surfaces. Exterior / UV exposed applications will result in chalking.

Application Guide

Surface	Steel, galvanized, aluminum, concrete
Pot Life	2 hours @ 25°C (75°F)
Brush or Roller	Apply using a textured roller to achieve desired profile. Use as described within specified pot life

Cure Times

Dry time at 77°F (25°C) 50% relative humidity

Cure times	
To Touch	10 - 20 minutes
Tack Free	< 1 hour
To Recoat	> 1 hour < 72 hours
Hard	24 hours

Application Instructions

Important - Thinning is not recommended.

Mix thoroughly before use, A to B ratio is 3:1. Combine 3/4 gallon "A" Billy Grip Non-Slip Epoxy Primer with 1 quart "B" 81000C and mix well.

Note - this product must be thoroughly mixed before using to ensure uniform application and cure. Mechanical agitation is highly recommended, approximately 3-5 minutes.

Apply when surface and air temperature are between 35°F-100°F (7°C-38°C) Ensure surface temperature is at least 5°F (3°C) above the dewpoint.

Drying Time

See application data for typical dry times. Low temperature, high humidity, poor ventilation and thick films will slow drying.

Clean Up

Clean up paint tools or spills immediately with recommended thinner, carefully observing cautions on paint and thinner labels. Dried paint may be removed by scraping. Always know VOC laws for coating application in your area and follow regulated restrictions.

General Purpose System Specifications

Sandblast SSPC-SP6 (NACE 3) Commercial Blast
or SSPC-SP5 (NACE 1) Near-white Blast

Prime 105FP FerraPrime Epoxy Primer
2.5 - 4.0 mils DFT (65 - 100 microns)

Topcoat Billy Grip Non-Slip Epoxy
12.0 - 18.0 mils DFT (305 - 455 microns)

Total System 14.5 - 22.0 mils DFT (370 - 560 microns)

Safety & Storage

For industrial use only by professional applicators. Always wear appropriate safety equipment and observe proper handling techniques.

Refer to Material Safety Data Sheet for proper health and safety information. Store in cool, dry, and secure location. Consult your Niskoat representative for more information.