

NeverStrip
FLOOR COATINGS

NeverStrip Epoxy Primer



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NeverStrip Epoxy Primer is a unique, water based epoxy technology which allows the contractor to install epoxy resin floor systems and other moisture sensitive floor coverings on new concrete (5 days old) without fear of moisture entrapment.

NeverStrip Epoxy Primer is the primer, basecoat used in various NeverStrip single and double broadcast systems. NeverStrip Epoxy Primer is a unique two-part, moisture tolerant, extremely high density, chemically enhanced epoxy based product.

Characteristics

- Low VOC, water based
- White Color
- Vapor and water barrier
- Accepts and holds sand and quartz broadcast
- High moisture tolerance
- Does not support mold
- Minimal downtime

Key Considerations

- Substrate temperature must be 50°F minimum.
- Substrate must be free of dirt, waxes, curing agents, and any other foreign materials.
- Must be installed a minimum of 1/8" for use with moisture sensitive floors.
- Shot blast or rough grind concrete slabs to create a coarse texture surface profile. (minimum CSP-3).

Surface Preparation and Mixing

NeverStrip Epoxy Primer is a two-part material. Part A and Part B are supplied in the correct mixing ratios. Always mix a complete unit in the proportions supplied. Add one (1) part of NeverStrip Epoxy Primer Part A to four (4) parts NeverStrip Epoxy Primer Part B. Thoroughly mix with a low speed drill and Jiffy blade for 3-4 minutes until uniform. Do not entrap excessive air. Scrape all sides and bottom of container to ensure thorough mixing.

Application

- 1 Apply to the properly prepared substrate with a notch squeegee at coverage rate of 100-160 sq ft per gallon and backroll with 3/8" nap roller to achieve uniform coverage. Allow to cure hard enough for foot traffic, about 3-4 hours at 75°F.
- 2 Broadcast the desired 30 mesh sand or quartz blend at 1/2 pound per square foot or to rejection.
- 3 Typically apply next "Body" coat in 4 hours.

Clean Up

Clean skin with soap and water.

Tools and equipment should be cleaned with xylene or lacquer thinner.



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Cure/Dry Time

Pot Life:	60 minutes @ 75°F
Foot Traffic	16 hours @75°F
Light Service	24 hours @ 73°F
Full Cure	7 days

Technical Data

Material:	2-part epoxy
Density:	12.70 lbs/gallon
VOC Content:	Mixed < 1 g/L
Volume Solids:	59%
Flash Point: Part A:	>212°F
Part B:	170 °F
Mixing Ratio:	1:4 by Vol
Hardness, Shore D: (ASTM-D-2240)	70-75
Compressive Strength: (ASTM-C- 579)	6500 psi
Flexural Strength: (ASTM-C-580)	2100 psi
Adhesion To:	
New concrete (5 days):	110 psi
Moist concrete (28 days):	550 psi
Dry concrete (28 days):	580 psi
Temperature Resistance:	
Continuous:	
Dry heat:	140°F (60°C)
Humid:	113°F (45°C)
Intermittent:	
High pressure water:	185°F (85°C)
Dry heat:	149-185°F (65-85°C)

Cleaning and Maintenance

After completing the application of NeverStrip Epoxy Primer and the topcoats, the installer should provide the owner with cleaning and maintenance instructions relevant to the specific primer or topcoat. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.

For Professional Use Only

For professional use only and must be used by a NeverStrip Certified Technician or NeverStrip Authorized Dealer.



Customer Service: 708.588.9707

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