

NeverStrip
FLOOR COATINGS

NeverStrip Flexible Epoxy



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NeverStrip Flexible Epoxy is a 100% solids, flexible epoxy used as a crack isolation and waterproofing membrane for interior use under the NeverStrip Floor Coating Systems.

NeverStrip Flexible Epoxy resists cracking caused by horizontal substrate movement, providing a crack-resistant, resilient, sound absorbent, waterproof, durable floor. When used in conjunction with NeverStrip Floor Coating Systems, NeverStrip Flexible Epoxy offers stress-relieving properties for floor slabs that show movement or vibration. NeverStrip Flexible Epoxy is also used to treat individual cracks and buried contraction joints (sawcuts).

Advantages

- Crack Resistant – Flexibility
- Allows Substrate Movement up to 1/8”
- Optional Scrim Cloth Reinforcement
- Zero VOC, Meets USGBC LEED Criteria
- Low Odor for Use in Occupied Areas
- Ultimate Elongation of 145%-155%
- Reduces Noise from Mechanical Vibration
- USDA Approved

Considerations

- Slabs on grade must have efficient vapor/moisture barrier.
- Excessive moisture in concrete requires moisture mitigation system.
- Substrate temp must be a minimum 50°F.
- Substrate must be free of dirt, waxes, curing agents, and foreign materials.
- Do not apply to wet or damp surfaces.
- Do not mix Part B with Part A to create joint filler resin.
- Do not use for filling expansion joints.

Surface Preparation

Surface Preparation is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in the Neverstrips Installation Instructions #1 Concrete. Work must be performed by an Authorized Dealer Trained Professional.

Mixing and Installation

Mix One (1) part of Part A by volume with One (1) part of Part B by volume with a slow speed drill until liquids are completely blended.

Pour mixed NeverStrip Flexible Epoxy onto working area and spread with notched squeegee or trowel at a rate of 40 to 50 ft² per gallon to achieve 32-40 mil.

Clean Up

Clean skin with soap and water. Consult Safety Data for safety and health precautions.

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

Coverage

Will yield approximately 32-40 mils when spread at 40-50 ft² per gallon.

Color Selection

NeverStrip Flexible Epoxy is available in Gray.



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Composition

100% Solids flexible epoxy resin and amines.

Performance Properties

Tensile Strength ASTM D-412	1200-1300 psi
Ultimate Elongation ASTM D-412	145-155%
Adhesion (unprimed) ACI 503R	>300%
Concrete Failure Adhesion (unprimed) ASTM D-904	30 pli
Hardness Shore A ASTM D-2240	70-80
Hardness Shore D ASTM D-2240	25-35
Impact Resistance ASTM D-2794	16 ft lbs
Thermal Cycling ASTM C-884	No Cracking
Flammability ASTM D-635	Self-extinguishing

Cure/Dry Time

Working Life (spread on substrate)	40 minutes
Cure Time, Tack Free	16-18 hours @ 75°F
Recoat Time	16-48 hours @ 75°F
Full Set Time	48-72 hours
Maximum Cure	5-10 days

Maintenance

After completing application of the NeverStrip Flooring System, the installer should provide the owner with maintenance instructions. If floors become slippery due to animal fats, oil, grease, or soap film, clean and rinse thoroughly.



Customer Service: 708.588.9707
www.neverstrip.com

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