

PRODUCT DATA

Novolac Coating

NOVOLAC COATING is a 100% solids epoxy Novolac coating designed for application in extremely corrosive environments. It may be used as either a topcoat for trowel or slurry floors or as a stand-alone coating. When used as a topcoat, Novolac Coating improves the chemical and abrasion resistance of flooring systems while making the floor easier to clean. As a coating for old or new concrete it offers outstanding protection from a wide variety of industrial chemicals including concentrated sulfuric acid.

FEATURES:

- 100% solids formulation
- Extreme chemical resistance
- Protects underlying concrete surfaces
- Can be used on new or old concrete
- Improved abrasion resistance of concrete

APPLICATIONS:

Novolac Coating is used to enhance the chemical resistance and cleanliness of floor systems and as a stand-alone floor coating for extreme chemical service in areas such as:

- Floors
- Containment areas
- Trenches
- Pits
- Pump pads
- Sumps
- Stock chests
- Wastewater vessels
- Other areas with heavy chemical exposure

For best results on concrete surfaces, use a penetrating primer. Where, water-proofing membrane is required, use a water-proofing primer.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

Compressive Strength:	9,000 psi (ASTM D-696-77)
Compressive Modulus:	1.95 x 10 ⁵ psi (ASTM D-696-77)
Tensile Strength:	6,600 psi (ASTM D-638-77a)
Tensile Modulus:	3.40 x 10 ⁴ psi (ASTM D-638-77a)
Tensile Elongation:	16.0% (ASTM D-638-77a)
Flexural Strength:	9,900 psi (ASTM D-790-71)
Flexural Modulus:	3.70 x 10 ⁵ psi (ASTM D-790-71)
Hardness:	80-85 (ASTM D-2240/Shore D Durometer)
Bond Strength:	>400 psi
Abrasion Resistance:	031mg/1000 revolutions
Water Absorption:	0.1% (ASTM C-413)
Pot Life:	45 minutes at 77°F
Cure Rate:	allow 18 hours for foot traffic allow 24 hours for light traffic
Full cure:	24-72 hours depending on temperature

Stratarock[®]

Layers of protection for industrial equipment

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PACKAGING: 1 gallon units. Part A is packaged in a metal pail, Part B in a plastic jug. 3 gallon units available on special order

COVERAGE: Approximately 150 sq. ft. per gal. (depending upon the surface coated and thickness of coats).

PREPARATION: (See SDS Sheet Before Using) When used as a topcoat: Grind the surface with medium stones and vacuum to remove resulting dust. When applied as a concrete coating: The surface to be coated must be sound and free of dirt, grease, oil, or old coatings. Substrate must be exposed by acid etch or mechanical means.

MIXING: Mix Novolac Coating by combining one premeasured container of resin with one premeasured container of hardener. Mix thoroughly with a drill-stirrer. Premix components to disperse any settled fillers or pigments. Materials should be mixed for approximately two minutes. No induction time is required. The material may be applied immediately.

APPLICATION: Apply the material by squeegee, roller or brush. Apply in an even 10-20 mils thickness. If a second coat is applied, timing is important. Allow the first coat to cure for 12 hours. If the second coat cannot be applied within 48 hours, the surface must be sanded before recoating.

POT LIFE: Mixed components have a pot life of approximately 45 minutes at 75°F.

TEMPERATURE LIMITATIONS: During installation and cure, surface temperatures of 60°F to 90°F are recommended.

HARDENING AND CURE: Novolac Coating is ready for foot traffic in 12 hours and ready for light wheeled traffic in 24 hours at 77°F. Complete cure may require 24 to 72 hours depending on temperature.

STORAGE AND SHELF LIFE: Materials should be stored at room temperature (75°F). Stored at room temperature in unopened original containers, materials have a 1 year shelf life.

PRECAUTIONS: READ AND UNDERSTAND ALL CONTAINER LABELS AND SAFETY DATA SHEET (SDS) before using any product. Contact with liquids Part A and B can cause irritation. Wear protective clothing. Cover hands with protective gloves. Wear chemical splash goggles. **Use only with adequate ventilation.**

ADDITIONAL INFORMATION: For complete safety information refer to the material SDS. For additional information, contact us at 888-809-2365.

LIMITED WARRANTY: Product manufacturer warrants that the products are in conformance to the formulation standards of manufacturer and that such products are free from manufacturing defects. Purchaser's only remedy is replacement of the product. Manufacturer does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Manufacturer be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties express or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Manufacturer's part. Manufacturer neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Manufacturer's products. This warranty shall not apply to any of Manufacturer's products which have been subject to alteration, abuse or misuse. Manufacturer makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Manufacturer which are used in connection with its products. The purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages.

CAUTION: Always keep out of the reach of children.

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Stratarock an **indcon** brand