



---

# Epoxy.com Product #600

Flexibilized Novolac Epoxy Coating

---

## DESCRIPTION:

**Epoxy.com PRODUCT #600 Flexibilized Novolac Epoxy Coating** is a two-component, 100% solids epoxy coating based on multi-functional high performance flexibilized resin. Epoxy.com PRODUCT #600 Flexibilized Novolac Epoxy Coating provides corrosion resistant protection to steel, other metals and concrete. Epoxy.com PRODUCT #600 Flexibilize Novolac Epoxy Coating has excellent resistance to chemicals up to 300° F. Epoxy.com PRODUCT #600 Flexibilized Novolac Epoxy Coating is resistant to continuous immersion in water up to 212° F . Epoxy.com PRODUCT #600 Flexibilized Novorlac Epoxy Coating is formulated in a convenient 1 to 1 ratio, by volume mix ratio and has a long pot life to simplify application. Epoxy.com PRODUCT #600 Flexibilized Novolac Epoxy Coating is more effective in applications which entail force curing.

## ADVANTAGES:

- Excellent corrosion barrier properties.
- Excellent chemical resistance.
- Excellent adhesion to most metals.
- It protects concrete, steel, or wood from salts, acids, and alkalies

## WHERE TO USE

### *For Chemical Protection Of:*

- Steel Tanks
- Piping
- Heat Exchangers
- Condenser Boxes
- Hot Water Tanks
- Manholes

## SURFACE PREPARATION:

### Steel Surfaces:

Steel surfaces should be abrasive blasted to a commercial gray metal finish as specified by the Steel Structures Painting Council. For immersion service, blast to near white blast - SSPC SP-10.

### Concrete Surfaces

Contamination and other foreign materials must be mechanically removed to ensure a satisfactory bond. All dust and debris must be thoroughly removed.

## MIXING

Stir Components "A" & "B" thoroughly before mixing. Combine one part by volume of "A" with one part by volume of "B" (mixing ratio 1:1). Mix for not less than three minutes using a slow speed drill (300 to 600 rpm) and Epoxy.com Mixing Paddle. Scrape side and bottom to ensure thorough mixing. Avoid entrapping air. Apply immediately after mixing.

## APPLICATION

Epoxy.com Product 3600 Flexibilized Novolac Epoxy Coating may be applied by brush, roller, or spray. All spray equipment must employ traps to prevent water and oil from contaminating coating. Thinning may be required for spraying. Heating may be required for spraying. Heating will shorten pot life to 20 minutes at 100°F. Apply immediately after mixing. Apply 10 mils wet film thickness. Apply topcoat after primer is tack free between 4 and 24 hours. If heated, the tack free time will be reduced. Epoxy.com Fiber Reinforcement is recommended for tank relining. Apply the first coat of Epoxy.com Product #600 Flexibilize Novolac epoxy Coating then place reinforcement. Work reinforcement into coating. Second coat of Epoxy.com Product #600 is applied after about 3 hours. Be sure to apply second coat within 24 hours of first coat.

## COVERAGE

100-200 square feet per gallon (per coat), dependent upon surface texture and desired thickness. When applying Fiber Reinforcement the coverage will be less.

## PACKAGING

Epoxy.com Product #600 Flexibilized Novolac Coating is packaged in 2 gallon and 10 gallon units.

## CAUTION:

**WARNING!** A Component contains epoxy resin. B Component contains alkaline amines; strong sensitizer. May cause skin sensitization or other allergic responses. Use with good ventilation, particularly if material is heated or sprayed. Prevent all contact with eyes or skin. Wear protective clothing, goggles, gloves, and/or barrier creams. Keep container closed when not in use. Wash thoroughly after handling.

## PHYSICAL PROPERTIES

### TYPICAL PROPERTIES PRODUCT #600

Pot Life @ 70-75° F		45-60 min. Pot life after mixing is approximate
Working Time	Application Time @ 70-75° F	35 min.
Cure Time @ 70-75° F		Foot Traffic Overnight/16 hrs. Light Vehicular Traffic 1-2 days
Service		3-7 days
Mix Ratio (by volume)	Part A: Part B	1:1
Primer (concrete)		Self-Priming
Hardness, Shore D	ASTM D 2240	65-80
Tensile Strength, psi	ASTM D 638 7 days cure @ 70-75° F	4,000 +
Elongation % @ Break	ASTM D 638 7 days cure @ 70-75° F	5-10
Compressive Strength, psi	ASTM D 575	10,000+
Impact Strength, in.-lbs.	ASTM D 4226 Falling Ball Method	10+
Low Temperature Flexibility	ASTM D 3111, 360° Bend 1/4" Mandrel @ -15° F 10 mil thickness	Passed

**FOR INDUSTRIAL USE ONLY  
KEEP AWAY FROM CHILDREN**

For more information please contact:

[Epoxy.com](http://Epoxy.com).

**352-489-1666 (Phone)**

**352-465-3497 (Fax)**

[info@epoxy.com](mailto:info@epoxy.com)

[www.epoxy.com](http://www.epoxy.com)

Epoxy.com a division of Epoxy Systems, Inc. warrants its products (when properly stored) for the period of time as follows: Epoxies, Product #315, Product #315BC, and Product #316 one (1) year; Polyesters, Methyl Methacrylates (normal) two (2) months and Polyurethanes Four (4) months; Power Tools and Equipment 90 days; Vinyl Esters, High Molecular Weight Methacrylates (HMMA) and all other resins (not specifically mentioned above) 30 days; hand tools (non-power tools) 30 days. Epoxy.com warrants that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Epoxy.com. If any product fails to meet this warranty, the liability of Epoxy.com will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Epoxy.com within the warranty period for the material (as indicated above), or within 1 year of the delivery of materials (whichever is sooner). Epoxy.com may in its discretion refund the price received by Epoxy.com in lieu of replacing the material. No customer, distributor, or representative of Epoxy.com is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Epoxy.com. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Epoxy.com reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. Epoxy.com'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND Epoxy.com SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. All quotes and sales subject to availability.