



EPOXY NOVOLAC WATERBORNE PRIMER

PRODUCT DESCRIPTION

Five Star® Epoxy Novolac Waterborne Primer is a two component, highly chemical resistant epoxy primer/sealer for use over green or new concrete. Five Star Epoxy Novolac Waterborne Primer has excellent adhesion, a rapid drying time and is highly chemical resistant. Contains no volatile organic compounds (VOCs).

ADVANTAGES

- High chemical resistance
- May be brushed, sprayed, or roller-applied
- Easy clean-up (soap and water)
- Rapid drying
- Excellent penetration of concrete
- Low odor

USES

- Primer/sealer for coating of new concrete
- High chemical resistance

PACKAGING AND YIELD

Five Star Epoxy Novolac Waterborne Primer is available in a 1 gallon (3.7 liter) unit yielding coverage of approximately 130 - 140 ft² (12.1 - 13.0 m²) when applied at 3 mil thickness, depending on surface roughness.

SHELF LIFE

Two years in original unopened packaging when stored in dry conditions at normal ambient temperatures. Protect from freezing.

TYPICAL PROPERTIES AT 70°F (21°C)	
Color	Light green
Solids by volume	
A Component	100%
B Component	42%
Viscosity at 77°F (23°C), ASTM D 445-83	400 - 1000 cp
Pot Life	30 minutes
Coating Time (allow 3-5 hours for maximum cure)	6 hours
Volatile Organic Compounds	0

**The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above may result. Test methods are modified where applicable.*

PLACEMENT GUIDELINES

1. **SURFACE PREPARATION:** Surface must be clean and sound. Remove dust, laitance, grease, curing compounds, impregnations and waxes. Concrete may be sandblasted or prepared by similar mechanical means.
2. **MIXING:** Pour all of Component B into Component A and mix thoroughly for 2 - 3 minutes. For smaller amounts, mix two parts (by volume) of Component B to one part Component A. Do not mix more material than can be applied within pot life of material, 30 minutes at 70°F (21°C).
3. **METHODS OF PLACEMENT:** Primer may be applied with a brush, roller or squeegee. If concrete surface is particularly dry and hot, lightly dampen the concrete. Remove any puddled water. Apply material in even coats and allow to dry thoroughly (generally one to six hours depending on humidity and temperature) before applying any additional coatings. Maximum recommended thickness is five mils if top coating.
4. **POST PLACEMENT PROCEDURES:** Epoxy Novolac coatings may be applied after surface is hard and dry to the touch.
5. **CLEAN UP:** Clean tools with water and strong detergent solution.

NOTE: PRIOR TO APPLICATION, READ ALL PRODUCT PACKAGING THOROUGHLY. For more detailed placement procedures, refer to Design-A-Spec™ installation guidelines or call the Five Star Engineering and Technical Service Center at (800) 243-2206.

CONSIDERATIONS

- Cold temperatures lengthen cure time, hot temperatures decrease cure time.
- Maximum exposure temperature is 200°F (93°C).
- Use of solvents to thin the primer is not recommended.
- Avoid applying in high humidity conditions.

CAUTION

FOR INDUSTRIAL USE ONLY. Irritant, toxic, strong sensitizer. Contains epoxy resin. This product may cause skin irritation. Do not inhale vapors. Provide adequate ventilation. Protect against contact with skin and eyes. Wear rubber gloves, long sleeve shirt, goggles with side shields. In case of contact with eyes, flush repeatedly with water and contact a physician. Areas of skin contact should be promptly washed with soap and water. Do not take internally. Keep product out of reach of children. **PRIOR TO USE, REFER TO MATERIAL SAFETY DATA SHEET.**

For worldwide availability, additional product information and technical support, contact your local Five Star distributor, local sales representative, or you may call Five Star's Engineering and Technical Service Center at (800) 243-2206.

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