



INSULATING ENAMEL

HIGH GLOSS, FAST DRY

NCP	GLYPTAL	COLOR
GLY-1221	1221	White

PRODUCT DESCRIPTION

This high-gloss insulating enamel provides a smooth, durable finish with excellent electrical and mechanical properties. Formulated for superior adhesion and film integrity, it offers strong resistance to moisture, oil, and chemical exposure, protecting electrical and industrial components in demanding service environments. The coating combines high dielectric strength with long-term heat resistance, ensuring insulation reliability and appearance retention over time. Available in a range of colors, this enamel is designed for use on motors, armatures, transformers, switchgear, and structural components where both protective performance and visual quality are required.

Key Features & Benefits

- Delivers a smooth, high-gloss finish that maintains color and appearance over time.
- Provides excellent electrical insulation with high dielectric strength.
- Offers strong adhesion and film flexibility for dependable protection.
- Resists moisture, oil, and mild chemicals to prevent corrosion and degradation.
- Withstands heat and mechanical stress in high-demand environments.
- Learn more at www.ncpcoatings.com/glyptal

SURFACE PREPARATION

Do not apply if the application surface temperature is below 45°F (7°C) or above 110°F (43°C), or if the surface temperature is within 5°F (–15°C) of the dew point. Follow recognized industry best practices for substrate preparation, including SAE or AMPP (formerly SSPC/NACE) guidelines. Where applicable, comply with all required MIL-SPEC surface preparation procedures.

At a minimum the surface should be clean of all grease, dirt, oil, rust, and foreign material that would be detrimental to proper adhesion and desired performance of the coating system being applied.

Previously painted surfaces should be intact and sound. All loose and flaking material removed and bare spots primed with an appropriate primer. A small area should be tested with the coating to assure compatibility.

APPLICATION

Reducer: GLY-G3190

Recommended Film Thickness: 1.0-1.5 mils, DTF

Theoretical Coverage: 769 sq. ft./gal @ 1.0 DTF

DRY TIMES			
Touch	30 min.	Hard	120 min.

REGULATORY INFORMATION

Volume Solids: 47.9%

Weight Solids: 58-61%

Weight: 9.75-9.95 lbs./gal

Viscosity: 70-80 KU

VOC: 3.75 lbs./gal, 449.3 g/L

HAPS: 2.61 lbs./gal, 312.7 g/L

Gloss: 85+

PERFORMANCE CHARACTERISTICS	
Substrate Tested	CRS
Crosshatch Adhesion	1.0
Dielectric Strength	1500 V/mil

For additional substrates application information, contact your account manager.

SAFETY PRECAUTIONS

This product is intended for professional use in an industrial environment only! Consult the Safety Data Sheet prior to application for detailed information on the health and safety hazards.

STORAGE CONDITIONS

This product must be stored in accordance with local, state, and national regulations. Preferred storage conditions: Keep containers in a dry space with adequate ventilation.

COMMENTS

For additional information contact your account manager.
The above parameters are to be used as a guideline only. Customer specific equipment may require a different set-up.
All values are mixed as final product unless otherwise stated.