

SELECTION & SPECIFICATION DATA

Generic Type | High solids phenolic epoxy

Description | A fast air-drying, single-package, high solids, VOC-compliant, low HAPS coating with excellent corrosion, humidity and damage resistance. This product has superior adhesion to a wide variety of surfaces including shot blast and smooth steel, galvanized pipe, plastic, copper, brass and aluminum. The primer is also an excellent intermediate tie-coat for previously painted surfaces which are difficult to topcoat. Recommended for use in interior transformer tank applications that require continuous immersion in transformer oil at temperatures up to 200°F (93°C). It also passes GE Turbine and Generator test requirements for continuous immersion in GE oil at temperatures up to 250°F (121°).

Finish | Flat

Profile Depth | 1.5 mils
For a Blast Profile of 3 mils, 4 to 6 mils of Strathmore 5232 LH Gold will need to be applied. Due to a higher DFT, drying time needs to be extended before oil is added.

Dry Film Thickness | 2 - 4 mils (51 - 102 microns) single coat
4 - 6 mils (102 - 152 microns) per coat
4-6 mils for a Blast Profile of 3 mils.

Solids Content | By Volume 54% +/- 2%
Solids by weight: 73% +/-2%

HAPs Values | 0.43 lbs/solid gallon (51.5 g/l)

Theoretical Coverage Rate | 866 ft²/gal at 1.0 mils (21.3 m²/l at 25 microns)
433 ft²/gal at 2.0 mils (10.6 m²/l at 50 microns)
144 ft²/gal at 6.0 mils (3.5 m²/l at 150 microns)
Allow for loss in mixing and application.

VOC Values | **As Supplied** : 3.39 lbs/gal (406 g/l)

Viscosity | Zahn #3 (72°F): 15-25 sec

PERFORMANCE DATA

Test Method	System	Results
Adhesion (ASTM D3359)	4-6 mils of Strathmore 5232 LH Gold	5A-100%; Pass 5B-100%; Pass
Blistering (ASTM D714)	4-6 mils of Strathmore 5232 LH Gold	No Blisters; Pass
Peeling		No peeling; Pass
Wrinkles		No wrinkling; Pass

After 1 week, Air Dry Test Panels @ 4-6 mils were immersed in Lube Oil for 30 days @ 200°F (93°C).

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

General | Airless, air-assisted airless or conventional spray application

Strathmore 5232 LH Gold

PRODUCT DATA SHEET



CURING SCHEDULE

Surface Temp.	Dry to Recoat	Dry to Topcoat	Tack Free	Dry to Handle	Dry Hard	Immersion service (Crude oil, aliphatic hydrocarbons)
72°F (22°C)	1 Hour	1.5 Hours	4 Hours	8 Hours	48 Hours	72 Hours

Dust Free: 30 minutes at 72°F (22°C).

Times listed above are for DFT of 2-4 mils over a Blast Profile of 1.5 mils.

For higher DFT of 4-6 mils over a Blast Profile of 3 mils, cure times at 72°F (22°C) are:

Dust Free: 1-2 hours

Tack Free: 4-16 hours

Dry to Handle: 72 hours

Dry Hard: 120 hours

Recoat: 1 hour

Topcoat: 2-4 hours

For Oil Immersion: 168 hours

PACKAGING, HANDLING & STORAGE

Packaging | Handling and disposal should be done in accordance to local, state and federal safety regulations. Please consult the Safety Data Sheets for more specific handling and disposal information.

Storage Temperature & Humidity | Product should not be stored below 40°F (4°C) and not above 110°F (43°C).

Storage | Product should be stored in sealed containers when not in use. Do not store containers near sources of heat.

Shipping Weight (Approximate) | 1 Gallon: 12.28 lbs (5.6 kg)
5 Gallons: 61.91 lbs (28.9 kg)

Flash Point (Setaflash) | 46°F (7.8°C)

WARRANTY

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