

# BELMOGUARD

## EPOXY PRIMER-TOPCOAT

Marine & Protective Coatings



**NEW BELMONT**

★ SUPERIOR QUALITY ★

# PRODUCT DATA SHEET

Issued on May 9<sup>th</sup> 2026

## PRODUCT DATA

Finish: Matt  
Colors: Red, Grey  
Volume Solids: 70 ± 2 %  
Flash point: 31°C (87.8°F)  
Density: 1.37 kg/l  
VOC EPA Method 24: 244 g/l

## THINNER

NBC Epoxy Thinner

## MIX RATIO

Double pack product

## PACKAGING

Comp. A: 16 Liters pails  
Comp. B: 4 Liters pails

## STORAGE

The product must be stored in accordance with national regulations. Keep the containers in a dry, shaded, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf Life 24 months unopened.  
Store indoors at 4.5°C (40°F) to 38°C (100°F).

## PRODUCT DESCRIPTION

BELMOGUARD is a two-component, high-performance epoxy coating engineered specifically for the extreme demands of cargo holds. It combines a surface-tolerant formula with a high-build profile to deliver exceptional resistance against heavy impacts and abrasive wear. Can be used as primer or finish coat in atmospheric and immersed environments. It can be applied at subzero surface temperatures, keeping your project moving regardless of the season.

## INTENDED USE

This FDA-compliant epoxy is engineered for long-term endurance in cargo holds and on hatch coamings. Specifically formulated for cargo ballast holds, ensuring safety and performance in both dry and immersed conditions.

## RECOMMENDED SPECIFICATION

### Typical Thickness:

### Recommended Spreading Rate per coat:

Dry film thickness	100 - 250 µm
Wet film thickness	140 - 345 µm
Theoretical spreading rate	2.8 - 7 m <sup>2</sup> /l

### Average Drying Times:

10°C (50°F) | 25°C (77°F) | 38°C (100°F)

<b>Touch:</b>	5 hours	2 hours	1 hour
<b>Handle:</b>	10 hours	5 hours	2 hours
<b>Recoat:</b>	10 hours	5 hours	2 hours
<b>Cure:</b>	14 days	7 days	4 days
<b>Pot life:</b>		1 hour	

*Drying time is temperature, humidity, and film thickness dependent.*

## SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

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### APPLICATION CONDITIONS

Temperature  
(air, surface, material):  
4.5°C (40°F) min  
49°C (120°F) max  
At least 2.8°C (5°F) above dew  
point.  
Relative humidity: 85% max.

### WARRANTY

New Belmont Coatings LLC warrants our products to be free of manufacturing defects in accordance with applicable NBC quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by NBC.



#### **Minimum recommended surface preparation:**

**Iron & Steel:** SSPC-SP6/NACE 3, 2 mil (50 micron) profile

**Galvanizing:** SSPC-SPI

**Existing, aged coatings:** SSPC-SPI Solvent cleaning, then scarify / abrade the surface to ensure proper adhesion.

### APPLICATION

#### **Airless Spray:**

Nozzle Pressure: 2800 psi minimum (193 bar)

Nozzle orifice: 0.019"- 0.025"

Filter: 60-100 mesh

Reduction: As needed up to 4% by volume

Spray data is indicative and subject to adjustments

**Brush:** Nylon/Polyester or Natural Bristle

Reduction: not recommended

**Roller:** Cover: 1/4"-3/8" woven with solvent resistant core

Reduction: not recommended

### COLOR & GLOSS VARIATION

Slight deviations in color may occur between production batches of primer and antifouling products. When subjected to atmospheric weathering and solar radiation, these products as well as epoxy-based topcoats, may exhibit chalking. Furthermore, the retention of gloss and color in topcoats depends on several factors. These include the paint type, specific pigment selection, application standards, and environmental conditions such as temperature and UV intensity.

### ADDITIONAL NOTES

The product is for professional use only. Personnel shall be trained, experienced, and use the equipment to mix/stir well and apply the product properly. Applicators shall use appropriate personal protection equipment when using this product. Always comply with New Belmont Coatings LLC technical data.

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### DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of New Belmont Coatings LLC. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Published technical data and instructions are subject to change without notice. Contact New Belmont Coatings LLC for additional technical data and instructions.