

# BELMODUR

## EPOXY TOPCOAT

Marine & Protective Coatings



## PRODUCT DATA SHEET

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

### PRODUCT DATA

Finish: Gloss  
Colors: Wide range of colors  
Volume Solids: 54 ± 2 %  
Flash point: 37°C (98.6°F)  
Density: 1.3 kg/l  
VOC EPA Method 24: 434 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

BELMODUR is a two-component epoxy topcoat. Featuring a high gloss finish and demonstrating remarkable anti-abrasion properties, it is ideal for topside applications, as it endures in harsh and abrasive marine and industrial environments.

### INTENDED USE

For use in exposed marine surfaces, topsides, superstructures, decks, and, as a protective coating in industrial structures.

### RECOMMENDED SPECIFICATION

#### Typical Thickness:

#### Recommended Spreading Rate per coat:

|                            |                            |
|----------------------------|----------------------------|
| Dry film thickness         | 40 - 60 µm                 |
| Wet film thickness         | 80 - 120 µm                |
| Theoretical spreading rate | 9 - 13.5 m <sup>2</sup> /l |

#### Average Drying Times:

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

|                  |          |         |         |
|------------------|----------|---------|---------|
| <b>Touch:</b>    | 3 hours  | 2 hours | 1 hour  |
| <b>Handle:</b>   | 14 hours | 7 hours | 3 hours |
| <b>Recoat:</b>   | 14 hours | 7 hours | 3 hours |
| <b>Cure:</b>     | 14 days  | 7 days  | 4 days  |
| <b>Pot life:</b> |          | 4 hours |         |

*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.

#### Minimum recommended surface preparation:

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

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**NEW BELMONT**

★ SUPERIOR QUALITY ★

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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.



## APPLICATION

### **Airless Spray:**

Nozzle Pressure: 2100 psi minimum (150 bar)  
Nozzle orifice: 0.015"- 0.021"  
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.

## 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.