

# BELMOGLASS

## EPOXY GLASS-FLAKE

Marine & Protective Coatings



# PRODUCT DATA SHEET

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

## PRODUCT DATA

Finish: Semi-Gloss  
Colors: Red, Grey  
Volume Solids: 82 ± 2 %  
Flash point: 35°C (95°F)  
Density: 1.4 kg/l  
VOC EPA Method 24: 225 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

BELMOGLASS is a two-component, high-solids, high-build polyamine-cured epoxy mastic barrier coating. Reinforced with glass flakes, this heavy-duty coating provides enhanced mechanical strength, scratch resistance, and abrasion endurance. This highly versatile coating operates effectively as a primer, intermediate coat, topcoat, or a complete single-coat system, providing engineered maximum durability in highly corrosive atmospheric and marine immersion zones. Formulated specifically for applications where optimal surface preparation is restricted or impractical, its surface-tolerant feature ensures long-lasting protection. What's more, its formulation allows for safe application and successful curing on surfaces at sub-zero temperatures, eliminating seasonal downtime.

## INTENDED USE

Developed primarily for maintenance and repair applications, it delivers exceptional protection in high-traffic zones exposed to continuous, heavy wear and tear.

## RECOMMENDED SPECIFICATION

### Typical Thickness:

### Recommended Spreading Rate per coat:

Dry film thickness	200 - 300 µm
Wet film thickness	250 - 375 µm
Theoretical spreading rate	2.73 - 4.1 m <sup>2</sup> /l

### Average Drying Times:

4.5°C (40°F) | 10°C (50°F) | 25°C (77°F) | 38°C (100°F)

<b>Touch:</b>	20 hours	12 hours	4 hours	1.5 hour
<b>Handle:</b>	40 hours	20 hours	6 hours	3 hours
<b>Recoat:</b>	40 hours	20 hours	6 hours	3 hours
<b>Cure:</b>	28 days	14 days	7 days	2 days
<b>Pot life:</b>	2 hours			

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

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★ 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.



## 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:

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

**Stainless steel & Aluminum:** Abrasive blast cleaning to achieve a surface profile using non-metallic abrasive media which is suitable to achieve a sharp and angular surface profile.

**Galvanizing:** Sweep blast-cleaning using nonmetallic abrasive leaving a clean, rough and even pattern.

**Concrete:** Minimum 4 weeks curing. Moisture content maximum 5 %. Prepare the surface by means of enclosed blast shot or diamond grinding and other appropriate means to abrade the surrounding concrete and to remove laitance.

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

## APPLICATION

### Airless Spray:

Application should be performed using standard airless spray machinery

Nozzle Pressure: 2900 psi minimum (200 bar)

Nozzle orifice: 0.021"- 0.027"

Filter: 60-100 mesh

Spray data is indicative and subject to adjustments

**Brush:** Appropriate for stripe coating and limited-access areas. Precise application is required to maintain the prescribed dry film thickness (DFT)

## 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.

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### 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.