

BELMOPRIME

ALKYD PRIMER

Marine & Protective Coatings



PRODUCT DATA SHEET

Issued on May 9th 2026

PRODUCT DATA

Finish: Matt
Colors: Grey, red
Volume Solids: 50 ± 2 %
Flash point: 36°C (96.8°F)
Density: 1.3 kg/l
VOC EPA Method 24: 417 g/l

THINNER

NBC Alkyd Thinner

MIX RATIO

Single pack product

PACKAGING

20 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 48 months unopened.
Store indoors at 4.5°C (40°F) to 38°C (100°F)



PRODUCT DESCRIPTION

BELMOPRIME is a one-component alkyd general primer for steel and aluminum surfaces in marine and industrial environments.

INTENDED USE

For atmospheric use on interior and exterior exposed areas, over properly primed steel and aluminum substrates.

RECOMMENDED SPECIFICATION

Typical Thickness:

Recommended Spreading Rate per coat:

Dry film thickness	30 - 50 µm
Wet film thickness	60 - 95 µm
Theoretical spreading rate	10 - 16.67 m ² /l

Average Drying Times:

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

Touch:	4 hours	3 hours	3 hours	1 hour
Handle:	28 hours	22 hours	6 hours	4 hours
Recoat:	28 hours	22 hours	16 hours	10 hours
Cure:	10 days	7 days	7 days	4 days

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:

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

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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"- 0.019"
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.