

BELMOLISA SPC

PRODUCT DATA SHEET

SPC ANTIFOULING



Marine & Protective Coatings

Issued on May 9th 2026

PRODUCT DATA

Finish: Gloss
Colors: red
Volume Solids: 60 ± 2 %
Flash point: 28°C (82.4°F)
Density: 1.6 kg/l
VOC EPA Method 24: 387 g/l

THINNER

NBC Universal 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 18 months unopened.
Store indoors at 4.5°C (40°F) to 38°C (100°F)

PRODUCT DESCRIPTION

BELMOLISA SPC is a one-component acrylate SPC antifouling coating. It delivers effective biofouling resistance through a self-polishing mechanism that maintains low friction and limits hull degradation. Designed exclusively for underwater applications for use on primed steel or aluminum, and serves as a finishing coat. Complies with IMO Antifouling System Convention AFS/CONF/26.

INTENDED USE

Ideal for underwater hull applications in both newbuilding and maintenance. This formulation is optimized for ships with diverse operational profiles, including varying speeds and activity levels. As part of a complete system, it provides a high-performance solution for service life periods lasting up to 60 months. Applicable to stationary offshore constructions and deep-water structures. It is a reliable solution for static assets requiring long-term immersion protection.

RECOMMENDED SPECIFICATION

Typical Thickness:

Recommended Spreading Rate per coat:

Dry film thickness	75 - 175 µm
Wet film thickness	130 - 300 µm
Theoretical spreading rate	3.43 - 8 m ² /l

Average Drying Times:

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

Touch:	1 hour	45 minutes	30 minutes	30 minutes
Recoat:	12 hours	9 hours	7 hours	6 hours
Cure:	12 hours	12 hours	10 hours	8 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.

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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.
No surface ice, moisture, or
condensation may be allowed
on the surface during
application.
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:

Immersion Service: SSPC-SPI Solvent Cleaning

Iron & Steel, bare: SSPC-SPI10/NACE 2 (For anticorrosive primer coat)

Existing Antifouling: SSPC-SPI Solvent Cleaning. Rinse using high-pressure fresh water to remove any weak, outer layer of existing antifouling. Depending upon type of existing antifouling, a sealer coat may be recommended.

APPLICATION

Airless Spray:

Nozzle Pressure: 2100 psi minimum (150 bar)

Nozzle orifice: 0.021"- 0.031"

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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UNDOCKING

Minimum undocking time depends on number of coats applied, film thickness, and prevailing temperature. Maximum undocking time depends on the exposure conditions, the degree of air pollution, etc. The most important factor is to carry out a thorough high-pressure, fresh water cleaning after prolonged exposure.



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.