BELMONAYA SL SPC

PRODUCT DATA SHEET

SILYL SPC ANTIFOULING

NEW BELMONT
★ SUPERIOR QUALITY ★

Marine & Protective Coatings

Issued on May 9th 2026

PRODUCT DATA

Finish: Gloss
Colors: red
Volume Solids: 56 ± 2 %
Flash point: 27°C (80.6°F)
Density: 1.8 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 24 months unopened. Store indoors at 4.5°C (40°F) to 38°C (100°F)

PRODUCT DESCRIPTION

BELMONAYA SL SPC is a one-component silyl SPC antifouling, engineered to deliver ultimate vessel efficiency and absolute defense against marine growth. Specially formulated for the underwater steel hulls of vessels operating in coastal and oceanic waters, this antifouling uses predictable self-polishing chemistry to continuously renew its protective surface. From the moment your vessel leaves drydock, the coating creates an ultra-smooth finish that minimizes hydrodynamic friction, prevents costly speed loss, and significantly lowers fuel consumption for long-term operational savings. Complies with IMO Antifouling System Convention AFS/CONF/26.

INTENDED USE

For use on prepared, underwater surfaces of steel vessels as a part of a complete coating system. Suitable for a wide range of operating environments and designed for life service protection up to 60 months.

RECOMMENDED SPECIFICATION

Typical Thickness:
Recommended Spreading Rate per coat:

Dry film thickness	75 - 175 µm
Wet film thickness	130 - 300 µm
Theoretical spreading rate	3.2 - 7.47 m²/l

Average Drying Times:

	4.5°C (40°F)	10°C (50°F)	25°C (77°F)	38°C (100°F)
Touch:	1 hour	30 minutes	30 minutes	15 minutes
Recoat:	9 hours	8 hours	4 hours	2 hours
Cure:	16 hours	10 hours	8 hours	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.

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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-SP1 Solvent Cleaning
Iron & Steel, bare: SSPC-SP10/NACE 2 (For anticorrosive primer coat)
Existing Antifouling: SSPC-SP1 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: 2800 psi minimum (193 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.

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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.