

# PROTECTIVE & MARINE COATINGS

## Berger Marinelux Antifouling

# BERGER

FOR LASTING BEAUTY AND PROTECTION

## BERGER MARINELUX ANTIFOULING

### PRODUCT DESCRIPTION

**Berger Marinelux Antifouling** is a tin free polishing antifouling based on a specially developed mixture of polymers and pigmented with a combination of biocides. The surface is self- abrasive. This mechanism enables leaching control and allows easy recoat after service life. The product is suitable for vessels trading in coastal and tropical waters.

### PHYSICAL PROPERTIES

#### COLOUR/TEXTURE

Red, Blue, Black/Matte

#### SPREAD RATE

6.0 -6.5 m<sup>2</sup>/L or 220- 258 ft<sup>2</sup> per 3.7L at 100 microns dft

#### VOLUME SOLIDS

53 ± 2% (ASTM D2697 -86)

#### SPECIFIC GRAVITY

1.80 g/ml

#### VOC

425 g/L

#### PACK SIZE

3.7L, 18.9 L

#### FLASHPOINT

>25°C

### APPLICATION DATA

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)
Range	75 – 150	150 – 295
Recommended	125	245

### METHOD OF APPLICATION:

#### AIRLESS SPRAY

Pressure at nozzle: 120 -180 bar

Nozzle size: 0.41 - 0.58 mm

Spray angle: 40 - 80 degrees

Volume of thinner: 0 - 3%

#### BRUSH / ROLLER

Suitable but airless spray is preferred. Multiple coats may be needed to achieve the specified dry film thickness Volume of thinner: 0 - 5%

#### THINNER / CLEANER

Reducer No. 4

(Avoid excessive thinning as it will result in lower sag resistance and slower cure)

### DRYING AND RECOATING TIMES:

Substrate Temperature	Touch Dry	Hard Dry	Dry to recoat		Minimum drying time for undocking
			Minimum	Maximum	
23 °C	1 hour	6 hours	6 hours	6 months	12 hours
30 °C	30 minutes	4 hours	4 hours	3 months	12 hours

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### SURFACE PREPARATION

- (1) The given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, preceding paint system etc
- (2) The surface should be dry and free from fouling and other contaminants

The surface must be dry and free from fouling, salts and other contaminants. Remove salts and dirt by fresh water washing and hard fouling by scraping. Corroded and/or damaged areas

should be repaired first with an appropriate primer system. Paint only clean, dry surfaces. Remove all grease, oil, soluble contaminants and other foreign matter by "solvent cleaning" (SSPC-SP1).

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### SURFACE PREPARATION

Unpainted substrates

Prepare surface and apply Berger Marinelux EZ Prime 6000 Primer. Apply one or more coats of Berger

Antifouling as specified. (Consult the relevant primer data sheet for surface preparation and overcoating information.)

Recoating and Upgrading

Use controlled close high pressure fresh water washing (minimum 3,000 psi, 211kg/cm<sup>2</sup>).

To clean the entire area, and remove any leached layer at the surface of the existing antifouling system.

Repair corroded areas with Berger Marinelux EZ Prime 6000 primer and apply a spot coat of Berger Marinelux Antifouling within the overcoating interval specified for the primer above.

(Consult the relevant primer data sheet for surface preparation and overcoating information).

Apply the specified number of full coats of Berger Marinelux Antifouling.

Apply at 6.5 mils wet which will yield 4.0 mils dry film thickness.

Berger Marinelux Antifouling can be applied on suitable priming systems such as Berger Marinelux EZ Prime 6000. A typical system is shown below:

**Fibreglass**

Marinelux EZ Prime 6000, followed by Berger Antifouling.

**Gel Coat**  
by

Lightly sand, apply Marinelux EZ Prime 6000, followed by  
Berger Marinelux Antifouling.

**Metal Substrates**

Marinelux EZ Prime 6000, followed by Berger Antifouling.

### STORAGE AND SHELF LIFE

Life time expectations are difficult to give, as it is dependent on many factors beyond our control such as vessel's speed and sailing pattern, seawater quality and temperature. Therefore, the above stated antifouling specification should be used for guidance only.

The temperature of the substrate should be at least 3°C above the dew point of the air. Temperature and relative humidity should be measured in the vicinity of the substrate.

The maximum recommended surface temperature is approx. 40°C. Higher steel temperatures are acceptable provided dry-spray is avoided by proper spray application and extra thinning if required. In extreme cases it may be necessary to reduce film thickness in order to avoid sagging.

When applying the paint in confined spaces, provide adequate ventilation during application and drying. The temperature of the mixed paint should be at least 15°C, otherwise extra solvent may be required to obtain a proper application viscosity.



### HEALTH & SAFETY

The product must be stored in accordance with national regulations. The cans are to be kept in a dry, cool, well-ventilated space and away from source of heat and ignition. Cans must be kept tightly closed. Shelf life: 1 year unopened.

The product is part of the common Berger product range but local availability is subject to confirmation. Although we strive to supply the same product through the world, Available in other Berger units such as Trinidad, Barbados and Jamaica.

A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators.

As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spraying should be carried out under well-ventilated conditions. This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

### DISCLAIMER

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product.

Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product

or for any loss or damage arising from the use of this product. We reserve the right to change the product without notice.

For specific recommendations, contact ANSA Coatings Technical Service Department. Version 5 August 2025

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