

Features & Uses

Awlstar Aluminum Label Antifouling is suitable for use on all substrates including suitably primed Aluminium / Alloy and Zinc-sprayed metals. The slow polishing system delivers controlled biocide release throughout the season. Available in white, blue and black. TBT-free. For use below the waterline only.

Specification Data

Type: Slow Polishing Antifouling

Packaging: Available in 1 Gallon containers

Theoretical Coverage at 1 mil (25 microns) Dry Film Thickness 753 Sq.Feet / Gallon (18.5 m²/lt).

At recommended dry film thickness of 6mils (150 microns): 135ft²/gl or 3.3m²/lt

Per coat:

By Spray: 271 Sq.Feet / Gallon (6.66 m²/lt)

By Brush / Roller: 468 Sq.Feet / Gallon (11.49 m²/lt)

Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size, and application environment.

Recommended Wet Film Thickness: 3-4 mils (85 microns) by brush / roller per coat, 2-3 coats recommended.
6 mils (150 microns) by spray per coat, 2 coats recommended

Recommended Dry Film Thickness: 1.5-2 mils (40 microns) by brush / roller per coat
2.5-3 mils (69 microns) by spray per coat

Recoatability at 75°F (25°C) / 50% R.H :

With itself; 6 hours minimum. No maximum recoat time.

To Launch: 8 hours minimum, 24 hours preferred. 2 months maximum launch time.

Recoatability at 55°F (13°C) / 50% R.H:

With itself; 10 hours minimum. No maximum recoat time.

To Launch: 12 hours minimum, 24 hours preferred. 3 months maximum launch time.

If maximum launch time is exceeded, high pressure water wash or wet abrade with 180-240 grade paper prior to immersion.

VOC: Average - 475 g/lit or 3.96 lbs/gallon

Product Components, Reducers, Additives, and Auxiliary Components

Black.....	BP222
Blue.....	BP523
White.....	BP823
Reducer.....	T0101
Equipment Cleaning.....	T0001 Reducer, T0101 or M.E.K.

Application Equipment

Airless spray, Airmix, Brush, Roller

Airless Equipment

Pressure Pot:

Graco or Binks equivalent:

Fluid nozzle 1.6 (.066")

Pressure 175 -207 bar

Tip Size 2180-2680

Surface Preparation

New Applications: Prime with Hullgard Epoxy Primer D6070/D3707. Apply first coat of Awlstar Aluminum Label according to the recommended recoat times (see Hullgard Epoxy Primer Product Datasheet).

Existing Antifouling that is incompatible or unknown: High pressure fresh water wash as soon as the boat comes out of the water, allow to dry. Remove any loose paint or residue. Prime with Hullgard TC D1900. Apply first coat of Awlstar Aluminum Label after the Hullgard TC is tack free. This takes approximately 3 hours.

Renewing Awlstar : High pressure fresh water wash as soon as the boat comes out of the water, allow to dry. Sanding (80 grit)/removal of old coating is not normally required but is advised under any of the following conditions:

- Any time the cleanliness of the surface is in doubt.
- Fast boats which have ablated to a very smooth surface.
- Sailboats which were recently burnished.
- The surface was not power washed immediately after hauling.

Mixing & Reduction

Check for settling, then thoroughly mix until a consistent homogenous blend is obtained. Power mixers or shakers are preferred. If not available, thorough hand mixing is acceptable.

Reduction is not normally recommended. However, if needed for spray equipment or brush/roller application, 10% or 12 oz. (400ml) per gallon with T0101 is a recommended maximum reduction.

Induction Time after Mixing: N/A

Anticipated Pot Life at 25°C(77°F) / 50% R.H.: N/A

Application Instructions

Awlstar Aluminum Label can be applied by airless spray, brush, roller, or airmix.

Apply heavy coats of 2-3 mils (85 microns) WFT per coat, yielding 1-2 mils (40 microns) DFT per coat by brush/roller.

For maximum antifouling performance and protection apply a minimum of 2 coats of Awlstar Aluminum Label Antifouling by brush/roller. Optimum performance is achieved at a total dry film thickness of 2-3 mils (80 microns) minimum.

Extra protection results when 1 or 2 extra coats of Awlstar Aluminum Label Antifouling are applied to high wear areas.

Warning:

Do not apply paint materials to surfaces less than 3°C (5°F) above dewpoint or warmer than 35°C (95°F). Ambient temperature should be minimum 13°C (55°F) and maximum 35°C (95°F).

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.