

CU-PRO PREMIUM ANTIFOULING

Product description

CU-PRO is a premium self-polishing, semi-hard antifouling boosted with commercial grade biocide to give improved performance, fuel economy and a service interval of up to three years. Ideal for yachts and leisure boats in regular use at speeds up to 30 knots. Suitable for use on GRP, wood, steel and ferro cement (**not** suitable for aluminium hulls).

Scope

The Application Guide offers product details and recommended practices for the use of this product.

The Application Guide (AG) must be read in conjunction with the relevant specification, Technical Data Sheet (TDS) and Safety Data Sheet (SDS) for all the products used as part of the coating system.

Directions for use

Consult technical data and safety sheets before use. For best results the surface should be clean, dry and free from any contamination. Degrease and rinse with high pressure water. Can be applied directly over existing self-polishing antifouling in good condition, following a light wet sand. Hard antifouling or antifouling in poor condition should be removed using Strippit Antifouling Remover and wet sanded down to a sound surface. A coat of CU-PRO Underwater Primer should then be applied. For lasting protection apply two coats of CU-PRO and a third coat at the waterline and leading and trailing edges.

Masking-off

Before you start painting, apply a good quality masking tape (we recommend Precision Edge Masking Tape) along the waterline but also around any anodes and fittings to protect them.

Storage

Keep the tins in a dry, cool, well-ventilated space and away from sources of heat and ignition. Keep the tins tightly closed. Handle with care. Unopened tins should have a shelf-life of 48 months.

Painting equipment

CU-PRO can be applied by solvent resistant brush, roller or spray (airless, pressure pot or HVLP only) though, in all cases, care must be taken to achieve dry film thickness (DFT) of 55µ, which is equivalent to a spreading rate of 10m² per litre of paint used.

Product Thinning/Stirring

CU-PRO PREMIUM ANTIFOULING is a single-pack product. It does not require thinning as a matter of course but it may need to be thinned on a very hot or windy day to replace evaporated solvents (up to 10%).

Use CU-PRO Thinners for thinning purposes but also to clean equipment and to remove splash spots.

CU-PRO needs to be thoroughly stirred before use. If stored for long periods, turn the tin upside down every 6 months. This helps prevent the copper oxide settling. Stir regularly during use.

If you are painting in colder weather (not recommended below 10° C), keep the antifouling in a warm environment the night before and/or immerse the tin in warm water prior to application as this will help the paint flow.

Film Thickness

Typical recommended range;

| | |
|----------------------------|-----------------------------------------|
| Dry film thickness | 55 – 75 micron |
| Wet film thickness | 100 – 135 micron |
| Theoretical spreading rate | 7.5 - 10 m ² /litre (approx) |

To ensure correct film thickness, it is recommended to measure the wet film thickness (WFT) regularly during application, using a Wet Film Gauge.

As a rule of thumb, if you are brushing or rolling, you should find that one coat, applied at a spreading rate of 10m²/L plus an extra coat at areas of turbulence such as leading edge, waterline, rudder and keel will give you protection for one season of typical leisure use. Bear in mind, that if you use your boat very frequently or travel at high speed for long periods, resulting in the coating polishing away, there will be no further protection. We recommend that if you are a typical user and you lift your boat out and re-antifoul every year, that you apply two coats initially, and then one “top-up” coat at each liftout.

General application advice

Do not apply in the late afternoon when there is a possibility of dew falling on the surface.

Do not apply if the coating is likely to be exposed to rain within three hours of application.

Do not apply if the air temperature is below 10° C.

Do not apply if the substrate temperature is less than 5° C above the dew point

Do not apply if the substrate is wet or likely to become wet.

Do not apply in very windy conditions.

Drying/curing times (approximate)

| Substrate temperature | 10 °C | 23 °C | 40 °C |
|---------------------------|----------|----------|---------|
| Surface (touch) dry | 2 hours | 60 min | 30 min |
| Dried to overcoat | 16 hours | 10 hours | 4 hours |
| Dried/cured for immersion | 24 hours | 15 hours | 8 hours |

Notes

Launch within two months of antifouling

Do not leave hulls with newly applied CU-PRO exposed to the sun in temperatures over 30° C for any length of time as the antifouling will 'bake', and the polishing rate/product performance will be adversely affected.

Colour variation

There may be the slightest of colour variation between production batches. These would all be within acceptable manufacturing tolerances but it is advisable to mix antifouling with different batch numbers before use.

Caution

CU-PRO is for professional use only.

Applicators must have the appropriate training and experience in the application of such coatings. Applicators must wear the appropriate Personal Protection Equipment (protective clothing, protective gloves, eye protection and face protection) at all times when using CU-PRO.

Health, safety and the environment

The precautionary notices displayed on the back of the CU-PRO tin must be observed and complied with at all times.

Accuracy of information

These application guidelines are given to assist in the smooth and safe use of the product and to help ensure that the Applicator enjoys its optimum performance. These guidelines are based on SML Paints and Coatings' current knowledge of the product.

Reference to related documents

Before starting to apply CU-PRO, you must read this Application Guide in conjunction with the information given in the related Technical Data Sheets and Safety Data Sheets. If any part of any of these supporting, informative documents is not clear, please contact SML Paints and Coatings.

Disclaimer

The information in this Application Guide is based on SML Paints and Coatings' current knowledge of the product but CU-PRO may be applied and used under conditions outside of our understanding, recommendation or control so all that SML Paints and Coatings can guarantee is the quality of the product itself.