Technical Data Sheet

THIN FILM SILVER RACING ANTIFOULING

PRODUCT DESCRIPTION

One component paint for protection hulls against fouling.

THIN FILM Silver Racing is a hard antifouling paint, effectively preventing fouling organism: aquatic plants and animals or slime. Ideal paint for professional and consumer application on salt and fresh water. This antifouling is recommended to use on racing boat and powerboats. The hard and smooth film, achieved at easy application without sanding between coats, increased speed and efficiently. Fast drying it's quick overcoating and flexible launch times. **Do not use on aluminum or zinc surfaces. Use biocides safely. Always read the label and product information before use.**

PRODUCT INFORMATION

SURFACE TYPE	Laminate, wood, steel
COLOUR	graphite
GLOSS	mate
VOLUME SOLIDS	36 %
VOC (as supplied)	560 g/l average
VOC (EU solvent)	368,3 g/kg average EU Solvent Emissions Directive (Council Directive 1999/13/EC)
MIXING RATIO	Not applicable
THEORETICAL COVERAGE	11-12m²/l per coat (by roller) , 4-6m²/l per coat (by spray) ,
METHOD OF APPLICATION	brush/roll spray airless– professional use only

INSTRUCTION FOR USE

SURFACE PREPARATION

NEW BOATS without previous antifouling coats and other fouling protection, Before applying antifouling protection on a vessel without any existing paint coatings, it is recommended to first use protective layer systems:
Laminate –osmosis protection, epoxy Lightprimer or epoxy primer HS, details on TDS for primers
Steel- anticorrosion protection, epoxy primer Anticorrosion, details on TDS for primers
Wood- protection against water, epoxy Lightprimer, details on TDS for primers
EXISTING ANTIFOULING PROTECTION, in this case first check compatibility between exiting antifouling coats and new antifouling paint. Check Sea-Line compatibility table on www.sea-line.eu or info@sea-line.eu
Existing antifouling in poor condition or incompatible with new antifouling: remove all old antifouling layers by sanding on wet and follow the instruction for new boats without previous layers.
Existing antifouling in good condition and compatible: Before applying new layers, wet sand the surface using P120–P240 sandpaper. After sanding clean and degrease surface by Sea-Line Cleaner.
Existing antifouling in good condition but unknown type (except paints containing Teflon): It is recommended to wet sand the surface using P120–P240 sandpaper. Then, apply Sea-Line Universal Primer 1K as a barrier layer – see TDS for this product.

Instructions for surfaces preparation and primers before applying anti-fouling paints are provided on the TDS for the specific primer.

PRODUCT PREPARATION

Always mix thoroughly paint in can, before use. Pour the powder into the can and mix again.

THINNING

NOT RECOMMENDED
Only in exceptional circumstances like high temperature, maximum permissible level is 5% by volume. For thinning use Sea-Line Antifouling Thinner. Dilution has a direct effect on the thickness of the antifouling paint coating.

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APPLICATION

Number of coats

1-2 layers (total DFT of 60 microns)
30 microns DFT/83 WFT per coat by brush/roller
60 microns DFT/167 WFT per coat by spray
On places where growth of lichens is highest (water line) and on places exposed to damage (keel, prow etc.) is recommend to apply extra coat of antifouling paint.

Airless spray parameters	Thick layer of airless spray application (167 µm DFT)
Tip size	517-521
pressure	176-210 bar

Conventional spray	Thick layer of conventional spray application (167 µm DFT)
Tip size	1,5-1,8 mm
pressure	2-3 bar

CURING INFORMATION

Temperature	Overcoating interval	Dust dry	Dry to launch
23°C	Min 6 h	20 min.	Min 3 h Max 6 months
15°C	Min 10 h	30 min.	Min 3 h Max 6 months
5°C	Min 16 h	1 h	Min 6 h Max 6 months

The given times must be considered as a guideline only. The actual drying time may vary depending on film thickness, ventilation, humidity etc.

IMPORTANT NOTES

Minimum application temperature is +5°C
High humidity level or condensation within the first 24 hours after application, may adversely affect formation of coating.
Exposure of fresh painted surface to moist air can lead to color change. The discoloration is only superficial and does not affect the effectiveness of the antifouling paint.
After launching can be visible slightly color differences.
Due to the content of copper oxide, a small color difference between of the antifouling paint is acceptable.

It is important to achieve specified film thickness which will provide effective work of antifouling paint. Reduction of layer thickness will affect directly on effectiveness.

Maximum immersion time after application antifouling THIN FILM is 6 months. If launching is between 6 and 12 months after application, sand surface using abrasive paper P220 before launching. Launching over 12 months after application, surface should be sanded and painted again.

STORAGE AND SAFETY INFORMATION

SHELF LIFE

48 months from production date

STORAGE

Product components should be stored in tightly sealed containers, in a temperature of 10-25°C, away from sources of fire, heat and sunlight. Close container tightly immediately after each use. Store in a dry place and keep the cans sealed until use.

HSE CONDITIONS

	Please follow safety instructions from the Safety Data Sheet for hazardous chemical and comply with workplace safety laws. The general rule is to avoid contact of the product with the skin and eyes. When product is used in a small, closed spaces you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Special care should be taken in the area of fire protection and explosion hazards. **Notice ! Always follow all precautionary, health and safety notice on the Safety Data Sheet and container labels.**
DISCLAIMER	All data in this document have been prepared for informational purpose only. We cannot take responsibility for the results of user actions over which we have no control. The user is responsible for making the control sample and determining the suitability of the product for specific, individual applications. Company Troton Sp. z o.o. does not take responsibility for any damage, or loss of profits associated with the improper use of the products. All information is based on scrupulous laboratory research and many years of experience. Our position of market leadership does not free us from constant quality control of our products. However, we do not accept responsibility for the effects of improper use or storage of our products, or the effects of using our products in any way contrary to the standard of good workmanship.
QUALITY GUARANTEE	Production, quality control and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.