THIN FILM

Silver Racing

Technical information

Product components : THIN FILM Silver Racing Antifouling – one pack product

Volume: Single pack : 0,75 l, 2,0 l

Product description : 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.

Recommended use : 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.

THIN FILM Silver Racing Sea-Line® can be applied on hulls made of :
- laminate
- steel
- wooden

Do not use on aluminium and zinc surfaces.

Physiochemical Characteristics:

Color:	Graphite
Gloss:	mat
Solid parst:	36 %
VOC (as supplied):	560.2 g/l average
VOC (EU Solvent):	368.2 g/l average EU Solvent Emissions Directive (Council Directive 1999/13/EC)
Theoretical yieled:	11 ~ 12 m^2/dm^3 (by roller) 4 ~ 6 m^2/dm^3 (by spray)
Coat thickness (WFT):	80 µm (by roller) 160 µm (by spray)
Finish thickness (DFT):	30 µm by roller) 60 µm (by spray)
Thinner :	No

Preparing the surface: Check is THIN FILM Silver Racing Sea-Line® compatible with previous antifouling on your boat. Do not use on antifouling with PTFE.

Surface must be clean, dry and temperature of it should be higher than dew point to avoid condensation. High relative humidity or condensation within the first 24 hours after the application, may adversely affect formation of coating. Remove salt and other contaminants with pressurized fresh water. Sand laminate surfaces to uniform roughness (sand paper of gradation P100-P240)

As a pre-coat, it is recommended to use:
- 2K Epoxy Lightprimer 5:1 Sea-Line® - laminate (GFK)
- 2K Epoxy Anticorrosive 4:1 Sea-Line® - steel
- 2K Epoxy Woodprimer 10:4 Sea-Line® - wood
- 1K UNIVERSAL PRIMER Sea-Line® - laminate, steel, wood

Metod of application: roller, brush, airless spray gun (professional only), conventional spray (professional only)

Recommended number of coats 1 ÷ 2 layers

Thickness of dry layer is: 60 µm (DTF)

On places where growth of lichens is the largest (water line) and on places exposed to damage (keel, prow etc.)is recommend to apply extra coat antifouling paint.

Minimum application temperature: +5 °C.

THIN FILM

Silver Racing

Technical information

Airless spraying parameters:

Airless spray:
- Apply 1 coat of 160 µm of the dry layer
- Tip size : 517 - 521
- Working pressure : 176-220 bar / 2500-3200 psi

Conventional spray:
- Apply 1 coat of 160 µm of the dry layer
- Tip size : 1,5 ÷ 1,8 mm
- Working pressure : 2 ÷ 3bar

Hardening the surface:

	23°C	**15°C**	**5°C**
Touch Dry:	20 minutes	30 minutes	1 hour
Immersion:	2 hours	3 hours	6 hours
Dry to recoat (overcoated):	Min 6 hours	Min 10 hours	Min 16 hours
Dry to launch (immersion times):	Max 6 months	Max 6 months	Max 6 months

The given times must be considered as guidelines only. The actual drying time may be longer or shorter and depends on film thickness, ventilation, humidity, etc

Further Work :

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

HSE conditions :

Please follow safety instructions from the technical data sheet for hazardous chemical and follow Polish workplace safety laws. The general rule is to avoid contact with skin and eyes. When using the product in a small, enclosed space you must provide forced ventilation. It is also recommended that you protect your respiratory system, eyes, and skin. Be particularly careful of fire as the product may explode.

Storage :



Product components should be kept in tightly sealed containers, at a temperature between 5-35◦C, away from sources of fire, heat, and sun rays.

Close the containers tightly immediately after every use

Expiration date:



2 years from the date of production

Quality Guarantee :

Production, quality control, and the realization of deliveries fulfill the demands of ISO 9001 and 14001 standards.

All data in this document have been prepared for informational purposes. We can not take responsibility for the results of user actions over which we have no control. Responsibility of the user is to make the test sample and determine the suitability of the product for individual applications.Sea-Line do not take responsibility for any damages, 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 for the effects of using our products in any way contrary to the standards of good workmanship.

TROTON sp. z o.o. Ząbrowo.