

Product description.

A tin free, conventional antifouling with a combination of biocides for the protection against fouling for periods up to 24 months in areas with moderate to high fouling pressure. The product can be applied on all Navimar anticorrosive systems.

This product does not contain organotin compounds acting as biocides and complies with the International Convention on the Control of Harmful Antifouling Systems on Ships as adopted by IMO October 2001 (IMO document AFS/CONF/26)

Physical properties.

Color/Texture	Redbrown/Mat
Volume Solids	65%
Specific gravity	1.84-1,95 gr/ml
VOC	370 gr/liter
Flashpoint	>25°C

	Dry film thickness per coat (μ)	Wet film thickness per coat (μ)	Theoretical spreading rate (m ² /l)
Range	50 – 90	77 – 140	11.4 – 7.6
Recommended	90	142	7.2

Application data.

Guiding data 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. Multi coats may be needed to achieve the specified dry film thickness.

Volume of thinner: 0 - 5%.

Thinner/Cleaner

Navimar Thinner T10 or (high environmental temperatures T6)

Conditions

Humidity: below 90% RH.

Temperature of the paint before application: min: 10°C, max: 30°C.

Substrate temperature: min: 5°C, max: 30°C.

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

Drying and recoating times.

Substrate temperature	Touch dry	Hard dry	Dry to recoat		Minimum drying time for undocking (2)
			Minimum	Maximum (1)	
10 °C	4 hours	6 hours	8 hours	5 days	16 hours
23 °C	1 hour	3 hours	6 hours	5 days	12 hours
30 °C	30 minutes	2 hours	4 hours	3 days	8 hours

(1) The surface should be dry and free from contaminants prior to overcoating.

(2) It is advised to undock the vessel within two days after application of the final layer as prolonged exposure to sunshine might affect the antifouling performance. When in doubt, consult your nearest Navimar office.

Surface preparation:

Coated substrates

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 damaged areas should be repaired with an appropriate primer system.

Recommended paint system.

Navimar Gold Antifouling 600 can be applied on Navipox TC 206 epoxy tie coat.

Navimar Gold Antifouling AF-600

2 x 90 µ dft. for 18-24 months protection.

Life time expectation depends on many factors beyond our control such as vessel's speed and sailing pattern, seawater and temperature. There for the above stated antifouling specification should be used for guidance only. Consult your Navimar representative for more information.

Health and safety.

Material Safety Data Sheets (MSDS) (available upon request) should be checked for information about the specific hazards of the materials to be used and the Technical Data Sheets (TDS) for information on how they should be used. When using antifouling's, the specific legal requirements within the country of application should also be checked.

Product contains flammable materials. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. Wear suitable protective goggles, clothing and gloves. Do not breathe vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. This product should be kept away from open flames and sparks. Smoking in the area is strictly forbidden.

Disclaimer

We have no control over the conditions of the surface and other factors affecting the use and application of this product.

Therefore, we cannot accept any liability 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.