

Description

MASTER AF 221 is a tin free and cybutryne free self-polishing antifouling combined with multiple types of biocides, so that the ability to prevent fouling on the bottom of the ship becomes more perfect. The surface of antifouling is continuously renewed by slowly dissolving binder. Suitable on approved primers and tie coats on aluminium and carbon steel substrates.

Key Features

- Tin and Cybutryne free
- Finish coat in immersed environments only
- Service periods up to 60 months

Recommended Use

Underwater hull in newbuilding or maintenance and repair boats.

Product Data

Properties

Type	: Anti-Fouling
Solid Volume	: 62 ± 2%
Specific gravity	: 1.64 kg/l (calculated)
Dry film thickness	: 75 – 175 µm
Wet film thickness	: 125 – 280 µm
Spreading rate theoretical	: 8.3 – 3.5 m ² /l
Color	: Red

Packaging Size

5 Liter
20 Liter

Application Data

Substrate & Surface Preparation

- General
To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination that can reduce adhesion via SSPC-SP1 solvent cleaning.
- Previously painted surfaces
Existing old self-polishing or abrasive antifouling: Remove possible oil and grease etc. with suitable detergent, followed by high pressure fresh water cleaning for a thorough removal of any possible weak structure of leached antifouling. Allow the surface to dry before coating.
Sealer: Whether to use a sealer coat/tie coat or not depends on the type and condition of the existing antifouling.

Mixing

Single pack. This product contains heavy particles, stir well before use.

Thinner/Cleaning

Thinner 2

Application Method

- Airless Spray
 - Pump Ratio : 30 : 1 (minimum)
 - Tip Size : 0.017 – 0.031 inch
 - Fluid Output : 1.5 – 2.5 liter/min

- Pressure Output : 1500 – 3000 psi
- Filter Size : 60 mesh
- Brush & Roller may be used only for stripe coating and small areas

Application Condition

Condition	Substrate Temp.	Ambient Temp.	Humidity
Minimum	20°C	10°C	10%
Maximum	49°C	49°C	85%

Drying Time

Surface Temperature	Surface Dry	Hard Dry	Dry to Immerse
25°C	30 min	6 hours	10 hours

Determined based on wet film thickness 76 μ at standard conditions.

Storage Condition

Keep away from heat, fire and direct sunlight. Close the container tightly when not in use, keep in dry and cool room. Keep in temperature room (25-30 degree C).

Shelf-Life Product

Standard shelf life is 18 months from the date of manufacturing in originally not opened boxes, but may be extended based upon retesting by Pacific Paint Quality Control.

Health, Safety and Environment

Always use personal protective equipment and apply in a well-ventilated space. Caution with hazard symbol, see on packaging or refer to safety data sheet.

Read all safety, security, health and environment precautions before use. Wash hands and exposed skin before meals and after use. In case of contact with eyes and skin, rinse immediately with clean water, if swallowed or for more serious cases seek medical attention immediately.

Disclaimer :

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