



TBT FREE ANTIFOULING

MEGASENTINEL™

PRODUCT INFORMATION

| | | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | MEGASENTINEL™ TBT Free Antifouling is a tributyltin free controlled depletion polymer technology antifouling for prevention of marine growth on ship's hull. | |
| Intended Uses | Recommended use for coastal vessels, short voyage ferries and fishing vessels. For new buildings, maintenance and repair drydocking provides fouling protection and fuel-saving can be further enhanced with its steady effective biocide leaching activated at the surface. Long term anti-fouling protection commensurate with applied paint film thickness. | |
| Product Data | <p>Color</p> <p>Finish / Sheen</p> <p>Volume Solids (Mixed)</p> <p>Typical Film Thickness</p> <p>Theoretical Coverage</p> <p>Method of Application</p> <p>Flash Point (Mixed)</p> | <p>Green & Red</p> <p>Satin Finish</p> <p>52% ± 2.0% (ISO 3233:1998)</p> <p>Range: 75 – 200 microns dry (144 - 385 microns wet)</p> <p>Range: 6.9 – 2.6 m²/liter at 75 – 200 microns dft, allow appropriate loss factor</p> <p>Airless Spray, Brush, Roller</p> <p>Greater than 23°C / 73°F</p> |

APPLICATION DETAILS

| | |
|-----------------------|--------------------------------------------------------------------------------------------|
| Mixing | Material is supplied in a single pack and should be properly mixed using a power agitator. |
| Thinner | Not recommended. Use up to maximum 5% of AF THINNER MTC300 in extreme circumstances. |
| Cleaner | AF THINNER MTC 300 |
| Airless Spray | Recommended |
| Brush / Roller | Recommended |

DRYING INFORMATION

| | 28°C | 32°C |
|--------------------------------|------------|------------|
| Touch Dry (ISO1517:73) | 40 Minutes | 30 Minutes |
| Before Flooding | 10 Hours | 8 Hours |
| Before Flooding Multiple Coats | 16 Hours | 14 Hours |

Note: For Major Refurbishment and Repair if any single coat dft is >150µm or total dft is >300µm, the flooding times must be increased as follows: 36 hours at 28°C and 24hrs at 32°C



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OVERCOATING DATA – See Limitations

| | 28°C | | 32°C | |
|-------------------------------------------|---------|---------|---------|---------|
| Overcoated by: | Min | Max | Min | Max |
| MEGASENTINEL™ TBT Free Antifouling | 4 Hours | 28 days | 3 Hours | 28 days |

SYSTEMS AND COMPATIBILITY

Recommended primers:

Megashield™ Universal Primer HS - Red

Megashield™ Universal Primer HS – Aluminum

Recommended tie-coat:

Megashield™ Tie Coat - Grey

STORAGE, HANDLING AND SAFETY PRECAUTIONS

Storage The product can be stored in sealed containers at 32 °C for a minimum of one (1) year. Store in dry, shaded conditions, and away from sources of heat and ignition

Pack Size 20 liters & 4 liters kit

Avoid contact with skin and eyes use proper equipment when handling material (i.e. gloves, goggles, face mask, barrier creams, etc.) Wash affected skin with lukewarm water and soap or suitable industrial cleaner. If you come contact with your eyes, flush your eyes with water for at least 10 minutes and seek for immediate medical attention.

SURFACE PREPARATION

All surfaces to be coated should be clean, dry and free from contamination. High pressure freshwater wash, as appropriate, and remove all oil or grease, soluble contaminants, and other detrimental foreign matters. Sand the surface lightly to improve inter-coat adhesion.

LIMITATION

Prolonged atmospheric exposure of this product may impair antifouling performance. Maximum exposure times before flooding are two days in tropical conditions and seven days in temperate conditions. A slight change in color is expected upon the immersion of MEGASENTINEL™ TBT Free Antifouling.

Important Note:

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