

0293 ————— TRS RA 360

Product description:

A high solids, tin free, self-polishing antifouling with high cuprous oxide content and active biocides added. Complies with requirement of IMO Antifouling System Convention (AFS/CONF/26). Biocide Name: Proventil A6 CasNo:BE-23-9050

TECHNICAL DATA

Type Tin free, self-polishing antifouling

Recommended use Antifouling paint on steel ship's bottom for world wide service with extended dry-docking interval.

Surface Preparation Surface must be clean and dry. High pressure fresh water cleaning to remove salts and fouling on old antifouling. The anticorrosive system must be properly cured and free from surface contamination and moisture when applying antifouling.

Physical Data

Colour	: Red Brown (dark and light)
Flash point	: 24 °C
Volume solids	: 60 ±2 %
Finish	: Semi-gloss

Application Details

Mixing ratio	One pack product												
Thinner	TRS Thinner No.10												
Application Data	Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.												
Spray Application (General)	The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.												
Airless Spray	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Pump ratio</td> <td style="width: 40%;">: 30:1 (min.)*</td> </tr> <tr> <td>GMP Output</td> <td>: 3.0 (min.)</td> </tr> <tr> <td>Material Hose</td> <td>: 3/8 I.D. (min.)</td> </tr> <tr> <td>Tip Size</td> <td>: .021 - .035</td> </tr> <tr> <td>Output PSI</td> <td>: 1700-2100</td> </tr> <tr> <td>Filter size</td> <td>: 60 mesh</td> </tr> </table> <p>* Teflon Packing are recommended and available from the pump manufacturer.</p>	Pump ratio	: 30:1 (min.)*	GMP Output	: 3.0 (min.)	Material Hose	: 3/8 I.D. (min.)	Tip Size	: .021 - .035	Output PSI	: 1700-2100	Filter size	: 60 mesh
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Brush & Roller (General)	<p>Recommended for small areas and touch up only. Multiple coats may be required to obtain desired dry film thickness.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Mixing</td> <td style="width: 40%;">: Power mix to uniform consistency.</td> </tr> <tr> <td>Thinning</td> <td>: Use Thinner #10. Avoid excessive thinning.</td> </tr> </table>	Mixing	: Power mix to uniform consistency.	Thinning	: Use Thinner #10. Avoid excessive thinning.								
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Spreading Rate	5,2 m ² /ltr. at 100 µm dry film thickness. Allow for loss in application.												
Specific Gravity	1.73 Kg/Ltr.												
Dry Temp.	Continuous : 65 °C												
Resistance	Non-continuous : 80 °C												

Preferable preceding Apply cover properly prepared and primed steel or aged compatible antifouling in good condition. Recommended primers are vinyl-, chlorinated rubber- or epoxy based products designed for underwater exposure.

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Preferable subsequent - coating:

Packing	Kit Standard	: Standard 20 liters
	Storage (General)	: Store indoors
	Storage Temperature & Humidity	: 4- 43 °C
		0-95% Relative Humidity

Coating data

Application Conditions				
Condition	Material	Surface	Ambient	Humidity
Minimum	5 °C	0 °C	0 °C	0%
Maximum	40 °C	50 °C	50 °C	85%

Do not apply if the surface temperature is less than 3 °C above the dew point.

Drying Times			
Surface Temp. & 50% Relative Humidity	Dry to Touch	Recoating Min.	Drying time to launching Min.
10 °C	2 Hours	8 Hours	18 Hours
20 °C	1 Hours	5 Hours	12 Hours
30 °C	½ Hours	4 Hours	10 Hours

Cleanup & Safety

Cleanup Use Thinner #10. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation When used in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

Caution This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

Note

This product shall only be used as a single-coat or in a system with other recommended products