

**TECHNICAL DATA SHEET**  
**PROTECTOR ANTIFOULING**

TDS: TMC259  
**525/C259/ ALL**

**DESCRIPTION:**

Teamac Protector Antifouling contains cuprous oxide to give good antifouling performance. Designed for vessels with a max speed of 25 to 30 knots. Expected functional life of the coating is 12 to 18 months.  
H.S.E. Approval No. 8375

**RECOMMENDED USE:**

Teamac Protector Antifouling is used as an antifouling for the underwater areas of vessels or underwater structures. Suitable for domestic and commercial vessels with steel, wood, ferro concrete or GRP hulls.

**AVAILABILITY:**

1 litre, 2.5 litre, 5 litre

**FINISH:**

**COLOUR:**

Black, Blue, Red

**TYPICAL S.G. (SPECIFIC GRAVITY):**

1.6 to 1.65 @ 20 °C

**VOLUME SOLIDS:**

63%

**WET FILM THICKNESS W.F.T**

100 microns

**DRY FILM THICKNESS D.F.T**

63 microns

**EXPECTED SPREADING RATE:**

10 sq.m / litre

@ 63 microns D.F.T.

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

**TYPICAL VISCOSITY:**

4.5 Poise @ 25 °C

**FLASH POINT:**

Above 32 °C (closed cup)

**DRYING TIME: @ RECOMMENDED D.F.T**

Touch dry: 3 hours @ 20 °C

Hard dry: 18 hours @ 20 °C

Full hardness: N/A

Low temperature and high humidity will adversely affect application, drying and performance of any coating.

**MINIMUM OVERCOATING TIME:**

Minimum 16 hours dependant on film thickness

**APPLICATION SPECIAL CONDITIONS:**

APPLICATION BY SPRAY IS NOT PERMITTED EXCEPT BY PROFESSIONALS.

**VOC CONTENT:**

max 330 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

**APPLICATION DETAILS:**

Application restrictions

Method: Brush / Roller Conventional / Airless Spray - Professional Use Only

Thinner (Max vol): Thinners 17 (10%) Thinners 17 10%)

Nozzle size: 0.021" - 0.027"

Nozzle pressure: 3600 psi (250 bar)

**For further advice contact Teamac Technical Services on +44(0)1482 320194**

**The physical constants are subject to normal manufacturing tolerances.**

**"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"**

**TEAMAC**

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Cleaning solvent:	Thinners 17	
Recoat interval:	Minimum 16 hours	Max - None
	dependant on film thickness	

**SURFACE PREPARATION:**

New steel: Abrasive blast clean to Sa2½ and apply TEAMAC METACLOR UNDERWATER PRIMER. If applying onto shop-primed steel ensure that surface is dry and clean, and areas of damaged primer are suitably cleaned prior to the application of the METACLOR. Maintenance: Remove all loose and damaged existing coating, and all marine growth. High pressure wash with fresh water. Areas of breakdown should be blasted or power tool cleaned. Touch up with METACLOR PRIMER to the full existing film thickness. Prior to the application of the full coat ensure that surface is clean and free of all contaminates.

**MIXING INSTRUCTIONS:**

Mix well before use.

**APPLICATION CONDITIONS:**

As dictated by normal good painting practice. Care must be taken during application that the temperature is above the dew point to avoid any contamination.

It may be necessary to apply PROTECTOR ANTIFOULING in a number of coats to achieve the specified film thickness.

**PRECEDING COAT:**

Teamac Metaclor Underwater Primer

**SUBSEQUENT COAT:**

Teamac Protector Antifouling

**REMARKS:**

Users must comply fully with all their legal responsibilities under the Control of Pesticides Regulations 1986 (as amended), including complying with all conditions of approval. H.S.E. Approval No 8375.

Launch time after painting - minimum 8 hours, maximum 3 months if shrouded from direct sunlight.

Minimum 2 coats.

**HEALTH AND SAFETY:**

See safety data sheet - SDS 10964. To avoid risks to man and the environment users must comply with the instructions for use.

**ISSUED:**

20 April 2012

**REVISION:**

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 320194.

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