DESCRIPTION

Linear polishing antifouling, particularly suitable for deep sea going vessels

PRINCIPAL CHARACTERISTICS

- TBT-free self-polishing antifouling for new-building and maintenance
- · Controls settlement of shell and weed fouling for prolonged periods, depending on sailing pattern and routes
- Controlled polishing rate to give effective protection in accordance with the specified film thickness and smoothing
 of the surface
- Complies with IMO Antifouling Systems Convention

COLOR AND GLOSS LEVEL

- · Redbrown, brown, black
- Flat

BASIC DATA AT 20°C (68°F)

Data for product				
Number of components	One			
Mass density	1.8 kg/l (15.0 lb/US gal)			
Volume solids	55 ± 2%			
VOC (Supplied)	Directive 2010/75/EU, SED: max. 233.0 g/kg max. 420.0 g/l (approx. 3.5 lb/US gal) China GB 38469-2019 (tested) 413.0 g/l (approx. 3.4 lb/gal)			
Recommended dry film thickness	75 - 160 μm (3.0 - 6.3 mils) depending on system			
Theoretical spreading rate	7.3 m²/l for 75 µm (294 ft²/US gal for 3.0 mils)			
Dry to touch	1 hour			
Overcoating Interval	Minimum: 6 hours			
Shelf life	At least 18 months when stored cool and dry			

Notes:

- See ADDITIONAL DATA Spreading rate and film thickness
- See ADDITIONAL DATA Overcoating intervals

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Substrate conditions

- Suitable high performance anticorrosive tiecoats
- Previous coat must be sound, dry and free from any contamination

Ref. 7297 Page 1/4



Substrate temperature and application conditions

- Substrate temperature during application and curing should be above -5°C (23°F)
- Substrate temperature during application should be at least 3°C (5°F) above dew point
- Relative humidity during application and curing should not exceed 85%

INSTRUCTIONS FOR USE

- · Stir well before use
- The temperature of the paint should preferably be above 15°C (59°F), otherwise extra thinner may be required to obtain application viscosity
- · Adding too much thinner results in reduced sag resistance

Airless spray

Recommended thinner

THINNER 21-06

Volume of thinner

0 - 3%, depending on required thickness and application conditions

Nozzle orifice

Approx. 0.53 - 0.69 mm (0.021 - 0.027 in)

Nozzle pressure

12.0 - 15.0 MPa (approx. 120 - 150 bar; 1741 - 2176 p.s.i.)

Brush/roller

- · Only for touch-up and repair
- Multicoat roller or brush application is not recommended. Maximum DFT achievable by brush or roller is 50 μm (2.0 mils)

Recommended thinner

THINNER 21-06

Volume of thinner

0 - 3%

Cleaning solvent

THINNER 21-06

Ref. 7297 Page 2/4



ADDITIONAL DATA

Spreading rate and film thickness				
DFT	Theoretical spreading rate			
75 µm (3.0 mils)	7.3 m²/l (294 ft²/US gal)			
100 μm (4.0 mils)	5.5 m²/l (221 ft²/US gal)			
160 µm (6.3 mils)	3.4 m²/l (140 ft²/US gal)			

Overcoating interval for DFT up to 160 μm (6.3 mils)							
Overcoating with	Interval	-5°C (23°F)	0°C (32°F)	5°C (41°F)	10°C (50°F)	20°C (68°F)	30°C (86°F)
itself	Minimum Refloating - Minimum	24 hours 36 hours	18 hours 30 hours	12 hours 24 hours	10 hours 12 hours	6 hours 8 hours	4 hours 6 hours

Notes:

- Longer drying times may be necessary at higher DFT and under unfavorable atmospheric conditions
- Above table is a fair indication for normal application conditions. Please contact your PPG representative for data at much lower and higher DFT conditions.

SAFETY PRECAUTIONS

- This is a solvent-borne paint and care should be taken to avoid inhalation of spray mist or vapor, as well as contact between the wet paint and exposed skin or eyes
- See Safety Data Sheet and product label for complete safety and precaution requirements

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

Information sheet | Explanation of product data sheets

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

Ref. 7297 Page 3/4



LIMITATIONS OF LIABILITY

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AVAILABILITY OF PACKAGING

Depending on specific country of application the following versions are available:

Article code	Color	Reference		
365120	S black	800000ID1500		
269704	A brown	2000002200		
249481	S redbrown	2008002200		
331471	S brown	2000002150		
350210	S black	800000ID2200		
218998	A redbrown	2008002200		
249482	S brown	2000002200		
331470	S redbrown	2008002150		

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Ref. 7297 Page 4/4