# 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 mixed product					
Number of components	One				
Mass density	1.8 kg/l (15.0 lb/US gal)				
Volume solids	55 ± 2%				
VOC (Supplied)	Directive 1999/13/EC, SED: max. 233.0 g/kg max. 420.0 g/l (approx. 3.5 lb/US 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 $\mu m$ (294 ft²/US gal for 3.0 mils)				
Dry to touch	1 hour				
Overcoating Interval	Minimum: 6 hours				
Refloating time	Minimum: 8 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



### Substrate temperature and application conditions

• Substrate temperature during application should be at least 3°C (5°F) above dew point

# **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



# **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 (41°F)	10°C (50°F)	20°C (68°F)	30°C (86°F)	
itself	Minimum	12 hours	10 hours	6 hours	4 hours	
	Refloating - Minimum	24 hours	12 hours	8 hours	6 hours	

#### Notes:

- The above data are a fair indication for normal application conditions
- Longer drying times may be necessary at higher DFT and under unfavorable atmospheric conditions
- For systems with more than two layers of antifouling minimum drying time before overcoating and minimum time before refloating should be increased

# SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets
- 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

# WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and 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

•	EXPLANATION TO PRODUCT DATA SHEETS	INFORMATION SHEET	1411
•	SAFETY INDICATIONS	INFORMATION SHEET	1430
•	SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD -	INFORMATION SHEET	1431
	TOXIC HAZARD		

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Depending on	specific country	/ of	application	the	following	versions	are available:
Depending on	Specific country	/ 01	application	LITE	lonowing	10112	are available.

Article code	Color	Reference
218998	A redbrown	2008002200
269704	A brown	2000002200
249481	S redbrown	2008002200
249482	S brown	2000002200
331470	S redbrown	2008002150
331471	S brown	2000002150

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