SEATENDER 10

Product description:
SEATENDER 10 is a tin-free erodable antifouling paint for the control of fouling on ships bottoms with extended drydocking intervals of upto 36 months on underwater sides and 60 months on the flat bottom.
Seatender 10 is a 1st generation, hydration type antifouling.
IMO Anti-fouling System convention compliant (AFS/CONF/26).

TECHNICAL DATA

Type:	A high solids, tin free erodable antifouling paint.			
Recommended use:	Antifouling paint on steel ship's bottom for world wide service in average fouling conditions. Can be applied directly onto tin based, self polishing antifouling without sealing.			
Surface Preparation:	All surface contamination such as dirt, grease, oil, etc. must be removed. To be used over suitable existing antifoulings and primers. Check with CMP for compatibility. Close high pressure fresh water washing to 250 bar (3500 psi) to remove contamination and any leached layers from existing antifouling.			
Physical Data:	Colour:	Light and dark reddish brown, Black, Blue		
	Flash point:	35°C		
	Volume solids %:	60 ±2		
	VOC (Theoretical):	409 g/l.		
Application Details:				
	Thinner:	CR/ACRI THINNER A		
	Min.Temperature:	-5 °C		
	Surface temperature:	Dew point + minimum 3°C		
	Max. humidity:	85% R.H.		
	Application Data:	Airless spray, brush, roller*		
For airless spray:	Tip No.:	Graco 621(721), 633(733)		
	Paint output pressure:	11.7 - 14.7 MPa		
	Thinning:	0 - 5 % (by volume)		
Film thickness and spreading rate:		Min.	Max.	
	Film Thickness, wet:	83	250	µm
	Film Thickness, dry:	50	150	µm
	Spreading Rate: (theoretical)	12,0	4,0	m²/l
Preferable preceding coating:	SILVAX SQ-K, CMP AC, BANNOH 1500 SZ, BANNOH 500 N, BANNOH 500 R.			
Preferable subsequent coating:	-			
Packing:	One Pack Product			

Notes: On immersion, Seatender 10, will exhibit a slight colour change.
For the expectations of performance from this antifouling product in static conditions: It is necessary to consider parameters such as trading pattern and the environmental conditions i.e., traditional level of fouling activity, pollution levels and water temperatures at static locations.
*In case of brush or roller application, more layers will be required to achieve the specified film thickness.
Below 10ºC, additional thinning may be required to obtain the proper application viscosity but too excessive thinning results in reduced sag resistance and paint film property.

Temperature	Drying time (at DFT 100 µ)	Overcoating interval (at DFT 100 µ)	Induction time	Pot life	Dry to launch	Remarks
-5 °C	Surface dry:8 hours Hard dry 22 hours	Min.: 22 hours Max.: None	-	-	48 hours	-
0 °C	Surface dry:5 hours Hard dry 16 hours	Min.: 16 hours Max.: None	-	-	36 hours	-
5 °C	Surface dry:3 hours Hard dry 12 hours	Min.: 12 hours Max.: None	-	-	22 hours	-
10 °C	Surface dry:2 hours Hard dry 8 hours	Min.: 8 hours Max.: None	-	-	16 hours	-
20 °C	Surface dry:1 hour Hard dry 5 hours	Min.: 5 hours Max.: None	-	-	10 hours	-
30 °C	Surface dry:30 min Hard dry 4 hours	Min.: 4 hours Max.: None	-	-	8 hours	-

Note: Drying times and overcoating intervals will increase with increasing film thickness applied.
Before re-coating, always check that the existing paint film is 'through' dry.

Safety information: If Health, Safety and Environmental information is required a Health and Safety Data Sheet can be obtained from Chugoku Paints B.V.

Personal Protection advice and additional information can be obtained from the product Health and Safety Data Sheet which is available on request. The minimum safety precautions in dealing with this paint are:

a. Observe the precautionary notices displayed on the container.
b. Provide adequate ventilation.
c. Avoid skin contact and inhalation of spray mist.
d. If the product comes into contact with the skin, wash thoroughly with luke warm water and soap or suitable cleaner. If the eyes are contaminated, irrigate with water and seek medical advice immediately.
e. Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

Definitions:

Tolerances:	The numerical information quoted in this Technical Data Sheet is subject to normal manufacturing tolerances.
Spreading Rate:	The spreading rate can vary depending on application conditions, the geometrical complexity of the structure, the weather conditions, etc.
Volume Solids:	The volume solids figure given in this Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the Chugoku Standard Method corresponding to ASTM method D2697.
Overcoating Intervals:	The intervals given assume preparation consistent with good painting
Hard dry:	The time taken until the product can be walked on without damaging it. Time taken until full mechanical strength is obtained is longer.
V.O.C.:	Theoretical quantity of volatile organic compounds in g/l.

Disclaimer: