KANSAI PAINT MARINE CO.,LTD.

X-mile Premium 103

HYDROLYSIS TYPE TIN-FREE SELF-POLISHING ANTIFOULING COATING N02303

PRODUCT DESCRIPTION & INTENDED USES	Newly developed antifouling paint based on the advanced silyl-methacrylate polymer with unique energy-saving technologies for low speed ships

FEATURES	- The most advanced silyl-type antifouling paint - Lower friction resistance by unique technology of rheology smoothness control - Expect utmost friction resistant effect in combination with specific primer and binder coat system - Unparalleled anti-crack physical property - Self-polishing efficiency by stable hydrolysis reaction - Long antifouling property - Comply with IMO AFS regulation

COLOUR(S)	Brick (Finish colour), Maroon
APPLICATION METHOD	Airless spray : Recommended Nozzle tip : Graco 617-623 Fluid pressure : 150 kg/cm² Thinning : 0～5% by volume Conventional spray, brush or roller
THINNER	Thinner No.16 (Japan), Thinner No.7 (Outside of Japan)
MIXING RATIO	Ready to use Package : 20 kg (Japan), 16 L (Outside of Japan)

POT LIFE	【Temperature】	5 ℃	10 ℃	20 ℃	30 ℃
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TYPICAL FILM THICKNESS	【Wet】	247 μm
	【Dry】	150 μm
SOLID VOLUME RATIO		60 %
SPREADING RATE	【Theoretical】	4.0 m²/litre
	【Practical】	Varies depending on surface conditions, environment, application, etc.

DRYING TIME	【Temperature】	5 ℃	10 ℃	20 ℃	30 ℃
	【Set to touch】	1 hr.	1 hr.	30 min.	20 min.
	【Dry Hard】	8 hrs.	7 hrs.	6 hrs.	5 hrs.
	【Before Flooding】	20 hrs.	16 hrs.	14 hrs.	12 hrs.
OVERCOATING INTERVAL	【Minimum】	16 hrs.	14 hrs.	12 hrs.	10 hrs.
	【Maximum】	--	--	--	--

The above figures are described at 150 microns DFT.
In the case of 75 microns DFT, please refer to remarks described on the next page.

SHELF LIFE	9 months

SURFACE PREPARAION & APPLICATION CONDITIONS

- Remove salt and other water-soluble contaminants by fresh water hosing.
- Remove oil and grease, etc., with a suitable detergent or degreaser.
- Remove dust and dirt by high-pressure air before paint application.
- Can be applied on suitable anticorrosives or existing antifoulings.
- Be sure that the surface is completely clean and free from condensation.
- Recommended ambient temperature 0 to 40 ℃
- Do not apply when relative humidity is 85% or higher.
- The substrate temperature should be min. 3℃ above the dew point of the air.

COATING SYSTEMS

Please consult Kansai Paint Marine for the standard procedure to be followed.

CERTIFICATE(S)

SAFETY PRECAUTIONS

Safety data sheet for this product is available upon request.
Minimum precautions to be taken in dealing with all paints are:

- Avoid skin and eye contact.
- If paint comes into contact with the skin, wash with warm water and/or a suitable cleanser. If paint comes into contact with the eyes, flush with copious amount of water and seek immediate medical attention.
- Be sure to wear protective goggles, masks, gloves, etc.
- Paint products contain flammable materials. Please keep them away sparks and prohibit any smoking in the vicinity.
- Observe all health and safety data on the container.

DISCLAIMER

The information given on this sheet is to the best of our knowledge and accurate at the time of printing.
Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise, and the suitability of the material for the use contemplated is the sole responsibility of the buyer.
The information contained on this data sheet is subject to modification at any time due to our policy of modification and product development.

REMARKS

The colour may change after contact with sea water due to cuprous oxide dissolution into the sea water.
The drying time and the overcoating interval may vary depending on the film thickness and/or painting specification for the actual application.
In the case of 75 microns DFT, please refer to the followings;

		5℃	10℃	20℃	30℃
Drying Time	Set to Touch	30 min.	20 min.	10 min.	10 min.
	Dry Hard	2 hrs.	1 hr.	30 min.	30 min.
Time before Flooding		10 hrs.	9 hrs.	8 hrs.	6 hrs.
Overcoating Interval	Min.	5 hrs.	5 hrs.	4 hrs.	4 hrs.
	Max.	–	–	–	–

The theoretical spreading rate has been calculated according to the method of ISO 3233:1998.

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SeaStar Alliance