



Protective & Marine Coatings

SEAVOYAGE 1220 ANITIFOULING COATING

Revised 07/2020 Issue 1

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Seavoyage 1220 is a tin-free antifouling coating with polishing action in service and long protection against marine organisms.

The specific vehicle composition provides long lasting antifouling performance and polishing action.

RECOMMENDED USE

Antifouling paint for coastal steel underwater hull. This product is for professional use only.

ENDORSEMENTS

IMO Anti-fouling Systems Convention compliant (AFS/CONF/26).

HSE Approval 10478

Irish Biocidal Approval PCS 99275/6/7

RECOMMENDED APPLICATION METHODS

Airless Spray
Brush*
Roller*

*In case of brush or roller application, more layers will be required to achieve the specified film thickness.

Below 10°C, additional thinning may be required to obtain the proper application viscosity.

Excessive thinning results in reduced sag resistance and paint film property.

Recommended Thinner:
No.2

PRODUCT CHARACTERISTICS

Flash Point: 35°C

% Solids by Volume: 46± 2%

Colour Availability: Black, Red, Mid Blue, Blue.

VOC (Theoretical): 498 g/l

TYPICAL THICKNESS

Dry film thickness µm		Wet film thickness µm		Theoretical coverage m ² /ltr*	
Min	Max	Min	Max	Min	Max
75	150	163	326	6.1	3.1

* This figure makes no allowance for surface profile, uneven application, overspray or losses in containers and equipment. Film thickness will vary depending on actual use and specification.

AVERAGE DRYING TIMES

Drying time (at dft 100µ)	-5°C	0°C	5°C	10°C	20°C	30°C
Surface Dry	8hrs	5hrs	3hrs	2hrs	1hr	30min
Hard Dry	22hrs	16hrs	12hrs	8hrs	5hrs	4hrs
Overcoating interval (at dft 100µ)	-5°C	0°C	5°C	10°C	20°C	30°C
Minimum	22hrs	16hrs	12hrs	8hrs	5hrs	4hrs
Maximum	Indefinitely overcoatable with itself					
Dry to Launch	48hrs	36hrs	24hrs	18hrs	12hrs	10hrs

These figures are given as a guide only. Factors such as air movement and humidity must also be considered.

RECOMMENDED PRIMERS

Macropoxy C425V2
Seavoyage 1500

RECOMMENDED TIE COATS

Seavoyage 1500
Seavoyage Tiecoat 1030

PACKAGE

Single Pack Product

Pack Size: 20 litre units

Weight: 1.9 kg/litre (may vary with shade).

Shelf Life: 12 months from date of manufacture or 'Use By' date where specified



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SURFACE PREPARATION

All surface contamination such as dirt, grease, oil, etc. must be removed.

To be used over suitable existing antifouling and primers. Please consult Sherwin-Williams' representative for compatibility.

Close high pressure fresh water washing to 250 bar (3500 psi) to remove contamination and any leached layers from existing antifouling.

APPLICATION EQUIPMENT

Airless Spray

Nozzle Size: 621 - 735

Operating Pressure: Typical PSI 1700-2200

The airless spray details given above are intended as a guide only. Details such as fluid hose length and diameter, paint temperature and job shape and size all have an effect on the spray tip and operating pressure chosen. However, the operating pressure should be the lowest possible consistent with satisfactory atomisation. As conditions will vary from job to job, it is the applicators' responsibility to ensure that the equipment in use has been set up to give the best results. If in doubt Sherwin-Williams should be consulted.

Brush and Roller may be used

Maximum 85% relative humidity. Substrate temperature shall be at least 3°C above the dew point.

Application at temperature down to -5°C is possible, but curing time takes longer and full cure will be reached when temperature increases.

ADDITIONAL NOTES

On immersion, Seavoyage 1220, may 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.

- Observe the precautionary notices displayed on the container.
- Provide adequate ventilation.
- Avoid skin contact and inhalation of spray mist.
- 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.
- Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

HEALTH AND SAFETY

Consult Product Health and Safety Data Sheet for information on safe storage, handling and application of this product.

WARRANTY

Whilst all statements made about our products (whether in this data sheet or otherwise) are correct and accurate to the best of our knowledge, we have no control over the quality or the condition of the substrate, the application conditions or the many other factors affecting your use and application of our product.

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