



Protective & Marine Coatings

SEAVOYAGE 1500 EPOXY COATING

Revised 07/2020 Issue 1

PRODUCT INFORMATION

PRODUCT DESCRIPTION

Seavoyage multi-functional epoxy coating 1500 - Epoxy coating.

RECOMMENDED USE

Anti-corrosive coating for outside shell, tie coat, exposed decks, superstructures. Provides excellent resistance to water and seawater.

RECOMMENDED APPLICATION METHODS

Airless Spray
Brush*
Roller*

Notes: *

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

Recommended Thinner:

No.25

PRODUCT CHARACTERISTICS

Flash Point: 25°C

% Solids by Volume: 64± 2%

Colour Availability: Grey, Plum

VOC (Theoretical): 319 g/l

TYPICAL THICKNESS

Dry film thickness µm		Wet film thickness µm		Theoretical coverage m ² /ltr*	
Min	Max	Min	Max	Min	Max
100	250	156	191	6.4	2.6

* 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 250µ)	-5°C	0°C	5°C	10°C	20°C	30°C
Surface Dry	30hrs	16hrs	14hrs	5hrs	3hrs	2hrs
Hard Dry	66hrs	42hrs	20hrs	12hrs	8hrs	6hrs
Overcoating interval (at dft 250µ)	-5°C	0°C	5°C	10°C	20°C	30°C
Minimum	66hrs	42hrs	20hrs	12hrs	8hrs	6hrs
Maximum	*	*	*	*	*	*

Note: These figures are given as a guide only. Factors such as air movement and humidity must also be considered. Application at temperature down to -5°C is possible, however curing time takes longer and full cure will be reached when temperature increases.

* Consult with Sherwin-Williams Technical

RECOMMENDED PRIMERS

Macropoxy C425V2

For additional products please consult Sherwin-Williams.

RECOMMENDED TOPCOATS

Seavoyage 1500

Seavoyage 1220

Seavoyage 1200

Seavoyage 5600

Seavoyage 5800

PACKAGE

A two component material supplied in separate containers to be mixed prior to use.

Pack Size: 20 litre units when mixed

Mixing Ratio: 4.2 parts base to 1 part additive by volume

Weight: 1.45 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

New Steel:

Blast clean to Sa2½ (ISO 8501-1:2007). Average surface profile in the range 50-75 microns. Manually prepared surfaces should be prepared to a minimum standard of St3 (ISO 8501-1:2007). At the time of coating ensure surfaces to be coated are clean, dry and free from all surface contamination. For compatibility please consult Sherwin-Williams.

Repair/Maintenance:

Remove oil and grease etc. Remove salt and the other contaminants by (high pressure) fresh water cleaning and completely dry. Clean damaged area by abrasive blasting to the standard Sa2 (ISO 8501-1:2007) minimum or power tooling to St3 (ISO 8501-1:2007). Water jetting: Consult your Sherwin-Williams representative for recommendations. Type and degree of surface preparation depends on type and condition of actual substrate and on desired performance. Use in accordance with standard worldwide marine specifications.

APPLICATION EQUIPMENT

Airless Spray

Nozzle Size: 619, 621, 623

Operating Pressure: 2200 to 3600 PSI

Can be applied by brush and roller

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

An addition of 5% Cleanser No.25 is necessary, before brush application can commence, even then it is only suitable for application to small areas. Application of more than one coat may be necessary to give equivalent dry film thickness to a single spray applied coat.

Roller

The material is suitable for roller application. Application of more than one coat may be necessary to give equivalent dry film thickness to a single spray applied coat. At temperatures below 10°C, 5% thinning with Cleanser No.25 may be necessary.

APPLICATION CONDITIONS AND OVERCOATING

Maximum 85% relative humidity. Substrate temperature shall be at least 3°C above the dew point and always above 0°C.

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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