



Protective & Marine Coatings

SEAGUARD® 1050 VOIDCOAT WB VOID COATING

P31A11
P31R11

GRAY
RED

Revised: December 12, 2019

PRODUCT INFORMATION

PRODUCT DESCRIPTION

SEAGUARD 1050 VOIDCOAT is a premium grade, single component, water based coating. The coating is intended to be applied to the interior void spaces of fresh and salt water barges. Seaguard 1050 Voidcoat's unique physical structure makes it ideal for the tight scale and tight rust conditions normally found on the inner structures of barges and other marine structures.

Seaguard 1050 Voidcoat forms a resilient, non-tacky protective film that will not peel or crack. Its excellent adhesion and resistance to moisture migration provides maximum protection over the minimally prepared steel found in barge voids and other hard to reach areas. Contains in-can preservative/biocide.

PRODUCT CHARACTERISTICS

Finish:	Flat
Color:	Gray and Red
Volume Solids:	52% ± 2%
Weight Solids:	60% ± 2%
VOC (less water)*:	<12 g/L ; <0.1 lb/gal

*U.S. EPA / Canada, California, and SCAQMD

Theoretical Coverage @ 5.0 mils dry:
164 sq. feet per gallon (100% transfer efficiency)

Recommended Spreading Rate per coat:

	Minimum	Maximum
Dry mils:	4.0	8.0

Drying Schedule* @ 10.0 mils wet @ 50% RH:

	@ 70°F
To touch:	2 hours
To cure:	12-16 hours

*This product is intended for use in areas which may not have adequate ventilation to achieve complete curing. Every effort should be made to provide air movement and ventilation to achieve drying and curing in accordance with drying schedule.

Drying time is temperature, humidity, and film thickness dependent.

Shelf Life:	12 months
Flast Point:	>212°F Setaflash
Reducer/Clean up:	No reduction required Clean up with water

RECOMMENDED USES

- Excellent corrosion protection
- High film build capability
- Resistant to high temperatures
- Suitable for severe atmospheric corrosion protection
- Little or no pretreatment required
- Resistant to high pressure steam cleaning
- Effective in salt water barges

PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
Corrosion Resistance	ASTM B117	Passes (504 hours)
Direct Impact Resistance	ASTM 2794	>160 in-lbs.
Heat Resistance	Method A ASTM 2485	At 275°F Passed 1/2" mandrel bend At 350°F Passed 'plunge' testing with no cracking, blisters, dulling & delamination
Reverse Impact Resistance	ASTM 2794	>120 in-lbs.
Salt Water Immersion	ASTM D870-97	Passes (504 hours)



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RECOMMENDED SYSTEMS

Dry Film Thickness / ct.
Mils

Steel:

1 ct. Seaguard 1050 Voidcoat 4.0-8.0

(Airless spray application is recommended using 30:1 ratio or greater with .021-.023 tip.)

The systems listed above are representative of the product's use, other systems may be appropriate.

CLEAN UP INSTRUCTIONS

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

SURFACE PREPARATION

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Seaguard 1050 Voidcoat can be applied over light, tight rust and/or tightly adherent mill scale.

Level of protection and overall service life is dependent on the condition of the rust and mill scale remaining on the surface when coated.

Thorough mixing is recommended to ensure material is homogenous and to provide optimum flow characteristics.

TINTING

Tinting not recommended.

APPLICATION CONDITIONS

Temperature:
air and surface: 50°F minimum, 90°F maximum
(material)

Relative humidity: At least 5°F above dew point

ORDERING INFORMATION

Packaging: 5 gallon pails and drums

Weight: 11.50 ± 0.2 lb/gal

SAFETY PRECAUTIONS

- Refer to the SDS sheet before use.
- Protect from freezing
- Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

FOR INDUSTRIAL USE ONLY

WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.