



**Protective
&
Marine
Coatings**

ZINC CLAD® III HS 100 ORGANIC ZINC-RICH EPOXY PRIMER

PART A	B69A110	BASE
PART B	B69V110	HARDENER
PART F	B69D11	ZINC DUST

PRODUCT INFORMATION 6.10

RECOMMENDED SYSTEMS

	Dry Film Thickness / ct.	
	Mils	(Microns)
Steel, polyurethane topcoat:		
1 ct. Zinc Clad III HS 100	3.0-5.0	(75-125)
1-2 cts. Acrolon 218 HS	3.0-6.0	(75-150)
Steel, catalyzed epoxy topcoat:		
1 ct. Zinc Clad III HS 100	3.0-5.0	(75-125)
1-2 cts. Macropoxy 646	5.0-10.0	(125-250)
Steel, catalyzed epoxy topcoat:		
1 ct. Zinc Clad III HS 100	3.0-5.0	(75-125)
1-2 cts. Tile-Clad HS	2.5-4.0	(63-100)
Steel, acrylic topcoat:		
1 ct. Zinc Clad III HS 100	3.0-5.0	(75-125)
2 cts. DTM Acrylic Coating	2.5-4.0	(63-100)
or		
1 ct. Fast Clad HB Acrylic	5.0-8.0	(125-200)
Steel, water based epoxy topcoat:		
1 ct. Zinc Clad III HS 100	3.0-5.0	(75-125)
2 cts. Waterbased Tile-Clad Epoxy	2.0-4.0	(50-100)
Steel, water-based urethane topcoat:		
1 ct. Zinc Clad III HS 100	3.0-5.0	(75-125)
1 ct. Waterbased Tile-Clad Epoxy	2.0-4.0	(50-100)
1-2 cts. Hydrogloss	2.0-4.0	(50-100)

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

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.

Refer to product Application Bulletin for detailed surface preparation information.

Minimum recommended surface preparation:

Iron & Steel:	SSPC-SP6/NACE 3, 2 mil (50 micron) profile
Galvanizing:	SSPC-SP7
Weathered Zinc Rich Primer:	Clean, dry, sound

Surface Preparation Standards

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	C St 2	C St 2	SP 2	-
Pitted & Rusty	D St 2	D St 2	SP 2	-
Rusty	C St 3	C St 3	SP 3	-
Power Tool Cleaning	Pitted & Rusty	D St 3	D St 3	SP 3

TINTING

Do not tint.

APPLICATION CONDITIONS

Temperature: 40°F (4.5°C) minimum, 120°F (49°C) maximum (air, surface, and material)
At least 5°F (2.8°C) above dew point

Relative humidity: 85% maximum

Refer to product Application Bulletin for detailed application information.

ORDERING INFORMATION

Packaging: 3.25 gallons (12.3L) mixed
Part A 1 gallon (3.78L)
Part B 1 gallon (3.78L)
Part F 73 lb (33.1 Kg) Zinc Dust

Weight: 28.65 ± 0.2 lb/gal ; 3.44 Kg/L, mixed

SAFETY PRECAUTIONS

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

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.