



Protective
&
Marine
Coatings

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

PART A
PART B
PART F

B69A110
B69V110
B69D11

BASE
HARDENER
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.

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: Galvanizing: Weathered Zinc Rich Primer:	SSPC-SP6/NACE 3, 2 mil (50 micron) profile SSPC-SP7 Clean, dry, sound
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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	Rusted	C St 2	C St 2	SP 2	-
	Pitted & Rusted	D St 2	D St 2	SP 2	-
Power Tool Cleaning	Rusted	C St 3	C St 3	SP 3	-
	Pitted & Rusted	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.	

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