



Exteriorguard®

Coating Property Specification

RESULTS OF SALT SPRAY TESTING (ASTM B117)

PAGE:1

Date Received:	28-APRIL-2010	Date of Report:	25-JUNE-2010					
Sample Description:	PANEL No:1 COATED WITH ZS311Y28(Single scribe)							
Pretreatment:	3STAGES IRON PHOSPHATE (CHEMICAL SUPPLIER: BULK)							
Substrate:	STEEL	Film Thickness:	1.8 to 2.3mils					
Painted by (check one):	<input type="checkbox"/> Protech	<input checked="" type="checkbox"/> Customer						
Test Time Required:	2000HOURS							
Cabinet Conditions: 5% ± 1% sodium chloride solution (NaCl); solution measurement: 6.5 pH to 7.2 pH; temperature: 95° F ± 2° F; atomization and quantity of fog: 1 ml to 2 ml per hour								
	Hours Tested							
Methods (below)	100	180	300	400	500	600	700	800
ASTM D610	10	10	10	10	10	10	9 0.03%	8 0.1%
ASTM D714-5	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
ASTM D1654-7	10	10	10	10	10	10	10	10
ASTM D1654-8	10	10	10	10	10	10	9	9
ASTM D3359 - A								
ASTM D3359 - B								
Method	Application of Test Method							
ASTM D610	For evaluating degree of rusting on powder coated steel surfaces Rating: 10 = no rusting; 0 = surface 100% rusted							
ASTM D714-5	For evaluating degree of blistering of coating (check ASTM Manual for rating)							
ASTMD1654-7	For evaluating scribe of specimen Rating: 10 = no creepage; 0 = more than 16 mm creepage							
ASTMD1654-8	For evaluating unscribed areas of specimen(corrosion spots, blisters, and any other Types of failure)Rating: 10 = no failure; 0 = over 75% area of failure							
ASTM D3359 # A	For measuring adhesion cross-cut tape test for coating 5 mil or more Rating: 5A = no peeling or removal; 0A = removal beyond area of the x-cut							
ASTM D3359 # B	For measuring adhesion cross-cut tape test for coating between 2 mil and 5 mil Rating: 5B = no failure; 0B = greater than 65% flaking							



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Test Time Required:	2000HOURS		
Cabinet Conditions: 5% ± 1% sodium chloride solution (NaCl); solution measurement: 6.5 pH to 7.2 pH; temperature: 95° F ± 2° F; atomization and quantity of fog: 1 ml to 2 ml per hour			
	Hours Tested		
Methods (below)	900	1000	1075
ASTM D610	8 0.1%	8 0.1%	7 0.3%
ASTM D714-5	NONE	NONE	NONE
ASTM D1654-7	10	10	10
ASTM D1654-8	8	8	8
ASTM D3359 - A			N/A
ASTM D3359 - B			N/A
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