

**Summary**

Applicant: Advaning  
 Applicant Address: 12282 Knott St. Garden Grove, CA 92841  
 Sample: Square Pipe  
 Testing Period: April 27, 2015 - April 30, 2015  
 Testing Lab: RTS Testing Service Co., Ltd.  
 Testing Lab Record No.: RTS20150427E2760

**Test Result**

Neutral Salt Spray Test (ASTM B 117-11 mod)

Test Sample	Test Result	Type of Deterioration (see Remark)
Square Pipes	Rating 10 (≤ 0.01% Corrosion)	G

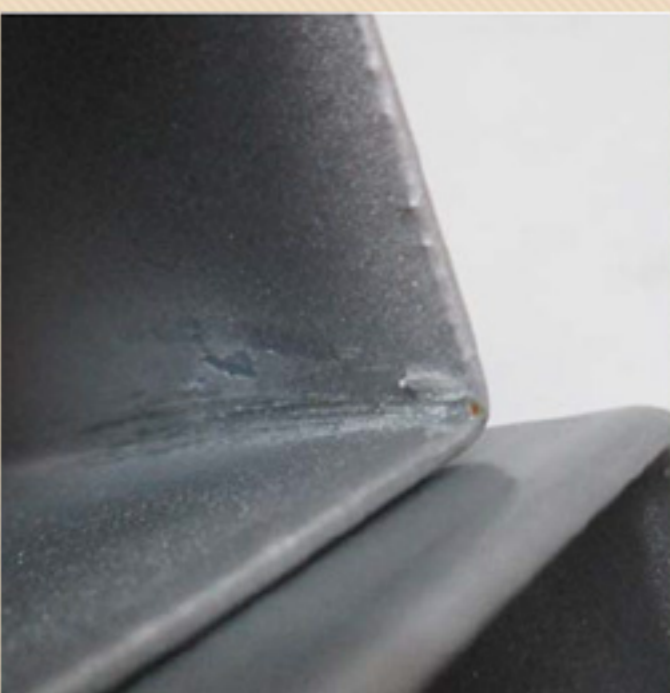
Note: 1. Salt solution: 1% sodium chloride dissolve in 99% distill water (PH=6.5 to 7.2)  
 2. Test temperature: 35±2°C. test duration: 48 hours.  
 3. Volume of collected solution: 1.0-2.0ml/80cm<sup>2</sup>/hour.

**Sample Image**

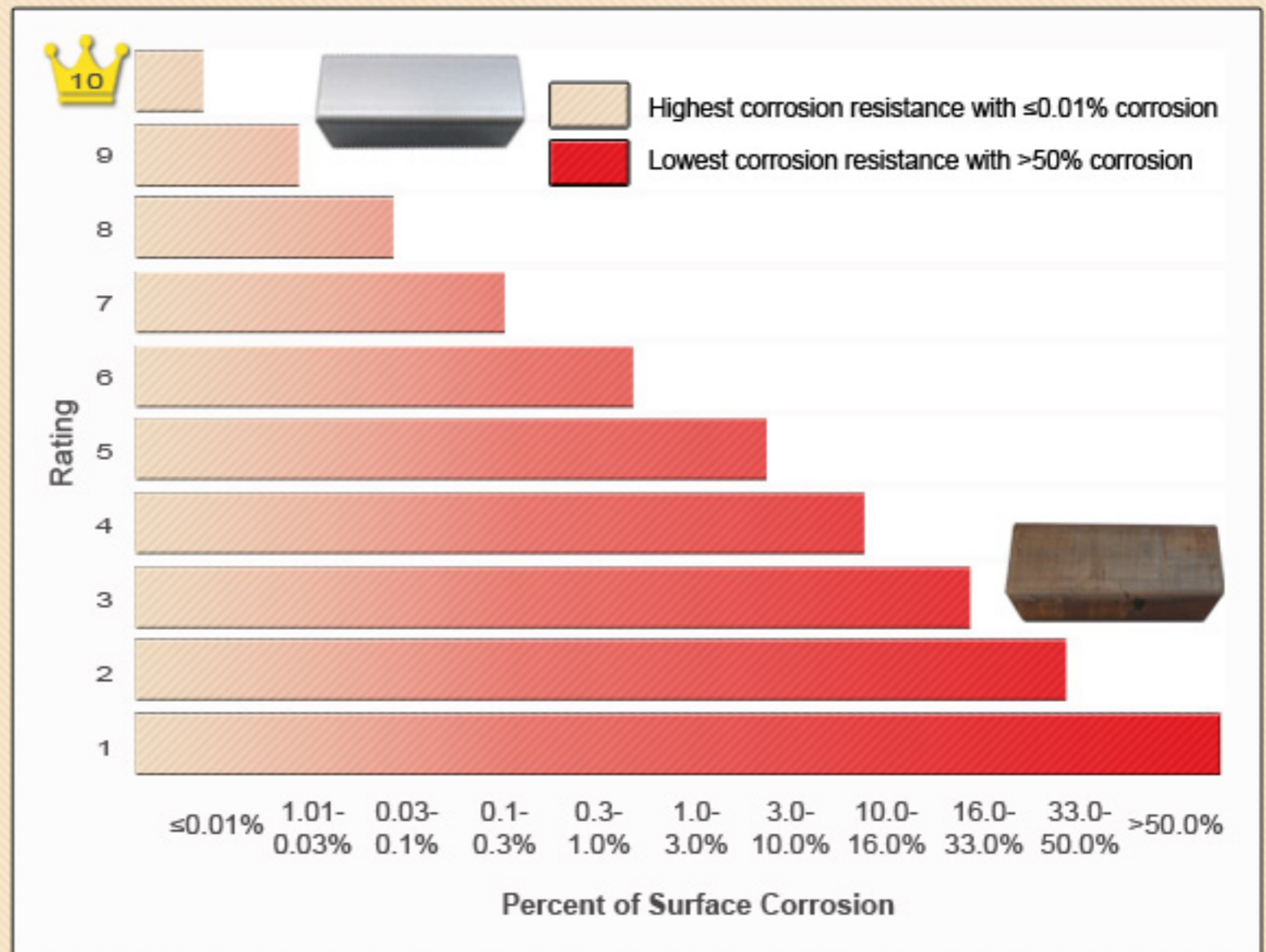
Samples Before Test



Samples After Test



**Rating vs. Percent of Surface Defected**



**Interpretation of Observation**

Rating	Percent of surface defected	Defect Distribution				
		Spot(S)	General(G)	Pinpoint(P)	Hybrid(H)	Color change(CC)
10	≤0.01% corrosion	None				
9	0.01-0.03% corrosion	9-S	9-G	9-P	9-H	9-CC
8	0.03-0.1% corrosion	8-S	8-G	8-P	8-H	8-CC
7	0.1-0.3% corrosion	7-S	7-G	7-P	7-H	7-CC
6	0.3-1.0% corrosion	6-S	6-G	6-P	6-H	6-CC
5	1.0-3.0% corrosion	5-S	5-G	5-P	5-H	5-CC
4	3.0-10.0% corrosion	4-S	4-G	4-P	4-H	4-CC
3	10.0-16.0% corrosion	3-S	3-G	3-P	3-H	3-CC
2	16.0-33.0% corrosion	2-S	2-G	2-P	2-H	2-CC
1	33.0-50.0% corrosion	1-S	1-G	1-P	1-H	1-CC
0	>50% corrosion	None				