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检测
TESTING
CNAS L1106



报告编号: W202002002

Report Number

检验检测报告

INSPECTION TEST REPORT

样品名称: Barrier 80 WF + Penguard Express MIO
WF×2 + Hardtop WF

Name of Sample

型号规格:

Type

委托单位:

Entrustment Company

检验类别:

Test Sort

佐敦涂料(张家港)有限公司

委托检验

石油和化学工业专用涂料颜料质量检测中心

Professional Coatings and Pigment Quality Inspection Center of Petroleum and Chemical Industry

上海市涂料研究所有限公司检测中心

Inspection Center of Shanghai Research Institute of Paint & Coatings Co., Ltd.

中国上海测试中心涂料行业测试点

Test Site for Coatings Industry in Shanghai Measurement and Test Center, China

石油和化学工业专用涂料颜料质量检测中心

Professional Coatings and Pigment Quality Inspection Center of Petroleum and Chemical Industry

报告编号: W202002002

检 验 报 告

Report Number

TEST REPORT

共 5 页, 第 1 页 (Total 5 Page No. 1)

产品名称 Name of Sample	Barrier 80 WF + Penguard Express MIO WF×2 + Hardtop WF		型号规格 Type	/
			商标 Brand	/
任务来源 Sample Number	W202002002		检验类别 Sort	委托检验
委托单位 Entrustment Company	佐敦涂料(张家港)有限公司			
标称生产单位 Nominal manufacture	佐敦涂料(张家港)有限公司			
到样日期 Date of Sample Received	2020年02月17日		产品数量 Amount of Sample	6块
样品状态描述 Description of Sample	白色试板。			
检验依据和综合判定规则 Standards and Methods	ISO 12944-6:2018 色漆和清漆 防护涂料体系对钢结构的防腐蚀保护 第6部分: 实验室性能试验方法(表1, C5-高)			
检验日期 Date of Testing	2020年02月24日至2020年05月06日			
检验结论 Test Conclusion	该样品本次所检项目均合格。详见本报告检验结果汇总表。 (检验报告专用章) Official Seal 签发日期:2020年05月11日 Date of Report			
委托单位通讯资料 Entrutment company communication data	地址 Add.	江苏省张家港保税区扬子江化学工业园南海路39号		
	邮编 Post Code	/	电话 Tel.	0512-88839424
备注 Remarks	基材: 喷砂钢板。 “中性盐雾试验”结果以3块试板中级别一致的2块为准。 以下信息由委托单位提供: 涂层配套: Barrier 80 WF: 50 μm + Penguard Express MIO WF: 90 μm×2 + Hardtop WF: 50 μm。 喷涂及养护条件: 每道先室温养护(3~4)h, 再50℃烘烤20 h然后喷涂下一道, 最后一道喷涂完养护7 d, 50℃烘烤2 d。			

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Approved by 张卫群

审核
Verified by 王玫玫

编制
Prepared by 曹菁

签字:
Sign 张卫群

签字:
Sign 王玫玫

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Test Room

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检验报告汇总 Resut Summary							
序号 Number	检验项目名称 Item		单位 Unit	技术要求 Technical Requirement	检验结果 Result	单项判定 Single Item Judgement	备注 Remark
1	附着力 (拉开法)	附着力 (拉开法)	MPa	单个值达到或超过 2.5, 钢/金属涂覆 钢与第一道漆之间 不得出现附着破 坏, 除非拉开法的 数值达到或超过5	14(10.14~ 20.21), 80%C, 20% D/Y	合格	/
		1#	MPa	/	14.54, 80%C, 20%D/ Y 10.87, 40%C, 20%C/ D, 40%D/Y 12.26, 60%C, 40%D/ Y	/	
		2#	MPa	/	14.67, 50%C, 50%D/ Y 10.14, 80%C, 20%C/ D 18.87, 100%C	/	
		3#	MPa	/	16.11, 100%C 11.73, 10%A/B, 90% C 20.21, 100%C	/	
2	中性盐雾 试验(1 440 h)	起泡	级	0(S0)	0(S0)	合格	/
		1#起泡	级	/	0(S0)	/	
		2#起泡	级	/	0(S0)	/	
		3#起泡	级	/	0(S0)	/	
		生锈	级	Ri0	Ri0	合格	
		1#生锈	级	/	Ri0	/	
		2#生锈	级	/	Ri0	/	
		3#生锈	级	/	Ri0	/	
		开裂	级	0(S0)	0(S0)	合格	
		1#开裂	级	/	0(S0)	/	
		2#开裂	级	/	0(S0)	/	
		3#开裂	级	/	0(S0)	/	

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检验报告汇总 Resut Summary						
序号 Number	检验项目名称 Item	单位 Unit	技术要求 Technical Requirement	检验结果 Result	单项判定 Single Item Judgement	备 注 Remark
	剥落	级	0(S0)	0(S0)	合格	
	1#剥落	级	/	0(S0)	/	
	2#剥落	级	/	0(S0)	/	
	3#剥落	级	/	0(S0)	/	
	划线处的 单边腐蚀	mm	≤1.5	1.5	合格	
	1#划线处的 单边腐 蚀	mm	/	1.5	/	
	2#划线处的 单边腐 蚀	mm	/	2.1	/	
	3#划线处的 单边腐 蚀	mm	/	1.5	/	
	附着力 (拉开法)	MPa	单个值达到或超过 2.5, 钢/金属涂覆 钢与第一道漆之间 不得出现附着破 坏, 除非拉开法的 数值达到或超过5	10(5.67~ 14.34), 30%A/ B, 70%C	合格	
	1#附着力 (拉开法)	MPa	/	5.67, 100%A/B 8.22, 100%C 14.33, 100%C	/	
	2#附着力 (拉开法)	MPa	/	14.34, 10%A/B, 90% C 9.07, 40%A/B, 60%C 8.88, 20%A/B, 80%C	/	
	3#附着力 (拉开法)	MPa	/	3.15, 100%A/B 4.09, 90%A/B, 10%C 11.57, 30%A/B, 70% C	/	
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Professional Coatings and Pigment Quality Inspection Center of Petroleum and Chemical Industry

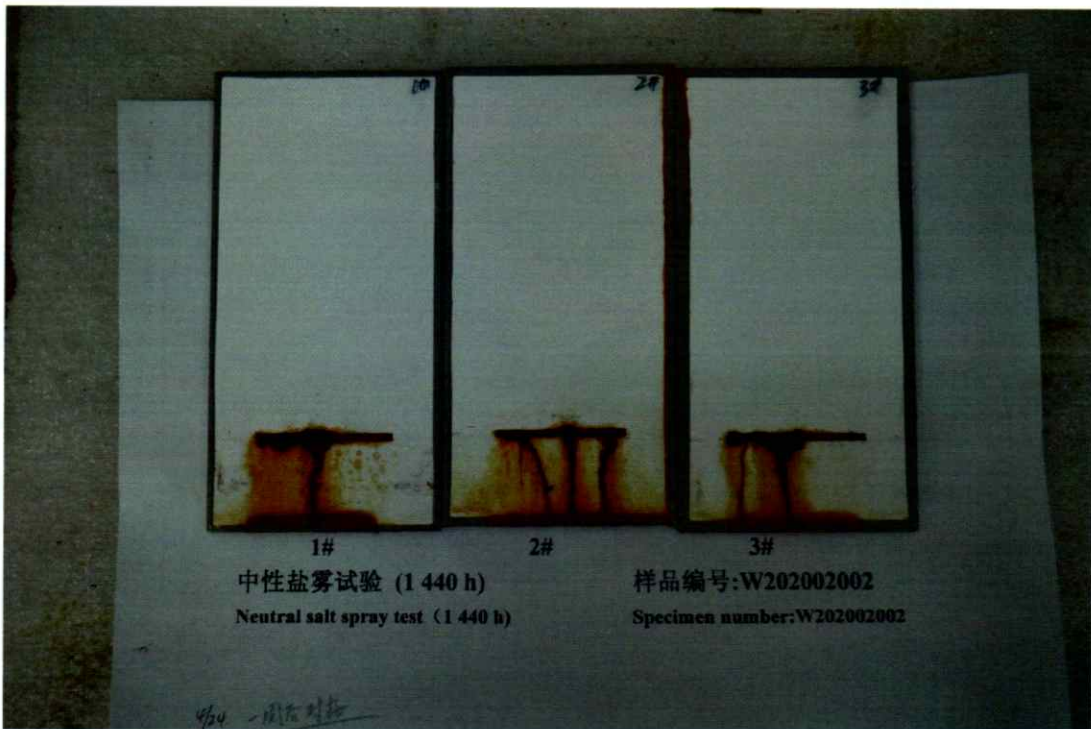
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- 9、若对报告有异议，请于报告收到之日起十五日内向本机构提出。

本机构通讯资料

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电子信箱：cpqi@chinacpqi.com
网址：www.chinacpqi.com

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1. The report is invalid without our agency's inspection test special seal or official seal.
2. The report is invalid without the signature of Prepare, Verify and Approve.
3. The report is invalid if altered.
4. Our agency is not responsible for the authenticity of duplicate report.
5. The report is only responsible for the samples offered by the entrustment company.
6. The entrustment company should provide the relative information of the samples and be responsible for the authenticity of the information.
7. The conclusions of test items are judged by the provided technical requirements in the report.
8. The inspection test item with ※ is not in the scope of our accredited testing in the report.
9. If there is any objection in the report, please raise to our agency within 15 days from receiving it.

Data of Our Agency

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INSPECTION TEST REPORT

样品名称: Barrier 80 WF + Penguard Express MIO
WF×2 + Hardtop WF

Name of Sample

型号规格:

Type

委托单位:

Entrustment Company

检验类别:

Test Sort

Jotun Coatings (Zhangjiagang) Co.,
Ltd.

Entrustment

石油和化学工业专用涂料颜料质量检测中心

Professional Coatings and Pigment Quality Inspection Center of Petroleum and Chemical Industry

上海市涂料研究所有限公司检测中心

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检验报告

Report Number

TEST REPORT

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产品名称 Name of Sample	Barrier 80 WF + Penguard Express MIO WF×2 + Hardtop WF	型号规格 Type	/	
		商标 Brand	/	
任务来源 Sample Number	W202002002	检验类别 Sort	Entrustment	
委托单位 Entrustment Company	Jotun Coatings (Zhangjiagang) Co., Ltd.			
标称生产单位 Nominal Manufacture	Jotun Coatings (Zhangjiagang) Co., Ltd.			
到样日期 Date of Sample Received	February 17, 2020	产品数量 Amount of Sample	6 pieces	
样品状态描述 Description of Sample	White panel.			
检验依据和综合判定 规则 Standards and Methods	ISO 12944-6:2018 Paints and varnishes-corrosion protection of steel structures by protective paint systems Part 6:Laboratory performance test methods (Table 1, C5-high)			
检验日期 Date of Testing	February 24, 2020 to May 06, 2020			
检验结论 Test Conclusion	<p>The tested items are qualified. Please see result pages of this report in details.</p> <p style="text-align: center;">   (检验报告专用章) Official Seal 签发日期: May 11, 2020 Date of Report </p>			
委托单位通讯资料 Entrustment company communication data	地址 Add.	No. 39 Nanhai Road, Yangtze River International Chemical Industry Park, Zhangjiagang, Jiangsu		
	邮编 Post Code	/	电话 Tel.	0512-88839424
备注 Remarks	<p>The testing report has two versions. One in Chinese, the other in English. The Chinese one is in priority. Substrate: sandblasted steel panel. The results of "neutral slat spray test" were based on the same grade of two in three test panels. The following information were provided by the entrustment company: Coating system: Barrier 80 WF: 50 μm + Penguard Express MIO WF: 90 μm×2 + Hardtop WF: 50 μm Spray and condition: cured at room temperature (3~4) h for each layer, then baked at 50°C for 20 h, cured at room temperature for 7 d after final spray, and then baked at 50°C for 2 d.</p>			


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审核
Verified by 王玫玫

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Prepared by 曹菁

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石油和化学工业专用涂料颜料质量检测中心

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检验报告汇总 Resut Summary

序号 Number	检验项目名称 Item		单位 Unit	技术要求 Technical Requirement	检验结果 Result	单项判定 Single Item Judgement	备注 Remark
1	Adhesion (Pull-off test)	Adhesion (Pull-off test)	MPa	Minimum pull-off value of 2.5 for each measurement.0% adhesive failure between steel/ metalized steel respectively and the first coat(unless pull-off values are at least 5).	14 (10.14~20.21),80% C,20%D/Y	Qualified	/
		1#	MPa	/	14.54,80%C,20%D/ Y 10.87,40%C,20%C/ D,40%D/Y 12.26,60%C,40%D/ Y	/	
		2#	MPa	/	14.67,50%C,50%D/ Y 10.14,80%C,20%C/ D 18.87,100%C	/	
		3#	MPa	/	16.11,100%C 11.73,10%A/B,90% C 20.21,100%C	/	
2	Neutral salt spray test (1 440 h)	Blistering	Rating	0(S0)	0(S0)	Qualified	/
		1# Blistering	Rating	/	0(S0)	/	
		2# Blistering	Rating	/	0(S0)	/	
		3# Blistering	Rating	/	0(S0)	/	
		Rusting	Rating	Ri0	Ri0	Qualified	
		1# Rusting	Rating	/	Ri0	/	
		2# Rusting	Rating	/	Ri0	/	
		3# Rusting	Rating	/	Ri0	/	
		Cracking	Rating	0(S0)	0(S0)	Qualified	

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检验报告汇总 Resut Summary

序号 Number	检验项目名称 Item	单位 Unit	技术要求 Technical Requirement	检验结果 Result	单项判定 Single Item Judgement	备 注 Remark
	1# Cracking	Rating	/	0(S0)	/	
	2# Cracking	Rating	/	0(S0)	/	
	3# Cracking	Rating	/	0(S0)	/	
	Flaking	Rating	0(S0)	0(S0)	Qualified	
	1# Flaking	Rating	/	0(S0)	/	
	2# Flaking	Rating	/	0(S0)	/	
	3# Flaking	Rating	/	0(S0)	/	
	Corrosion at scribe	mm	≤1.5	1.5	Qualified	
	1# Corrosion at scribe	mm	/	1.5	/	
	2# Corrosion at scribe	mm	/	2.1	/	
	3# Corrosion at scribe	mm	/	1.5	/	
	Adhesion (Pull-off test)	MPa	Minimum pull-off value of 2.5 for each measurement.0% adhesive failure between steel/ metalized steel respectively and the first coat(unless pull-off values are at least 5).	10 (5.67~14.34),30% A/B,70%C	Qualified	
	1# Adhesion (Pull-off test)	MPa	/	5.67,100%A/B 8.22,100%C 14.33,100%C	/	

石油和化学工业专用涂料颜料质量检测中心

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共 6 页, 第 4 页 (Total 6Page No. 4)

检验报告汇总 Resut Summary

序号 Number	检验项目名称 Item	单位 Unit	技术要求 Technical Requirement	检验结果 Result	单项判定 Single Item Judgement	备 注 Remark
	2# Adhesion (Pull-off test)	MPa	/	14.34,10%A/B,90% C 9.07,40%A/B,60% C 8.88,20%A/B,80% C	/	
	3# Adhesion (Pull-off test)	MPa	/	3.15,100%A/B 4.09,90%A/B,10% C 11.57,30%A/B,70% C	/	
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Professional Coatings and Pigment Quality Inspection Center of Petroleum and Chemical Industry

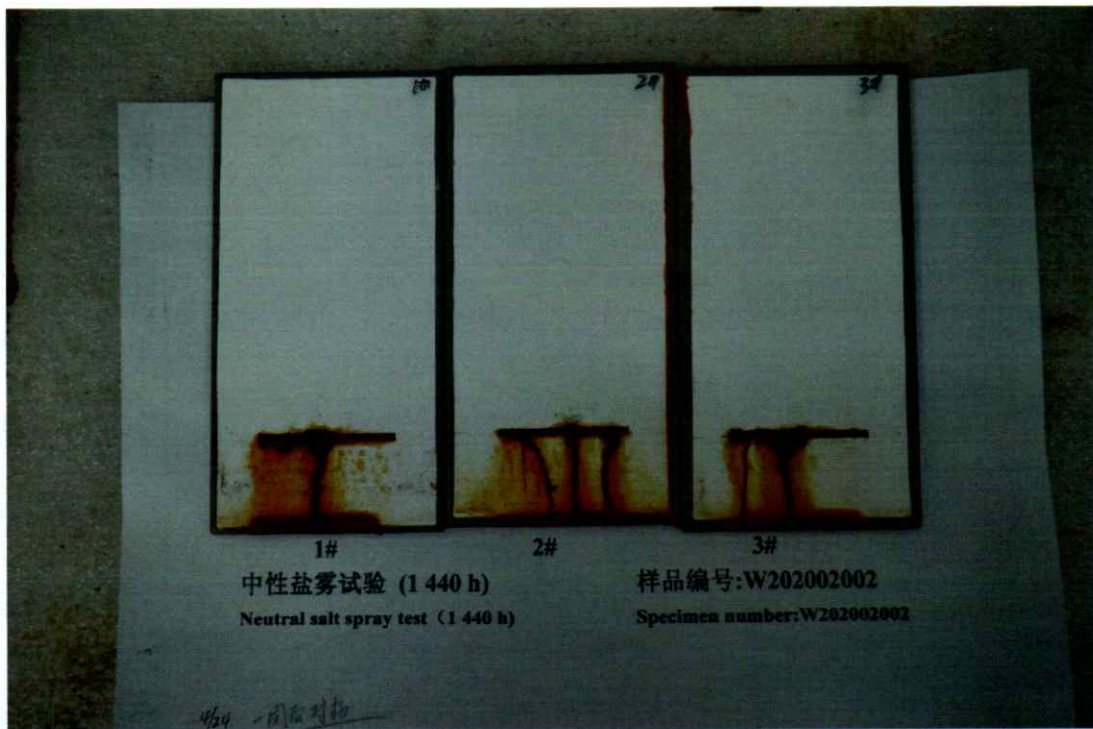
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石油和化学工业专用涂料颜料质量检测中心

Professional Coatings and Pigment Quality Inspection Center of Petroleum and Chemical Industry

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- 6、委托单位提供样品的相关信息并对其真实性负责。
- 7、报告中检验结论仅对提供技术要求的检验项目作出判定。
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Data of Our Agency

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