

725-H44-61改性厚浆环氧防锈漆-铁红色/铝红色  
Modified high-build epoxy anticorrosive paint-Iron red/Aluminum red

产品概述  
Product Description

- 双组分改性环氧防锈漆 A two pack epoxy anticorrosive paint.
- 适用于低温施工 Suitable for application at low temperature.
- VOC小于300g/L VOC less than 300g/L.

用途  
Intended Uses

- 用于水线以下部位，压载水舱 For use in all under water areas and ballast tanks.
- 适用于有外加电流或牺牲阳极的船体 Suitable for use with controlled cathodic protection.
- 用于新造船，维修保养及在航保养 For use at Newbuilding, Maintenance and Repair or On Board Maintenance.

产品信息  
Product Information

体积固体份Volume Solids	65%±2%			
光泽度Finish/Sheen	半光Semi-Gloss			
标准膜厚Typical Film Thickness	125 μm干膜厚 (190 μm湿膜厚) 125 Microns dry (190microns wet)			
理论涂布率Theoretical Coverage	5.2m <sup>2</sup> /L(标准膜厚) 5.2m <sup>2</sup> /L at typical film thickness			
混合比Mix ratio	4.7:1 (体积比) 7.1:1 (质量比) 4.7:1 (volume) 7.1:1(mass)			
施工方法Method of Application	无气喷涂Airless Spray			
	推荐使用Recommended			
	喷嘴尺寸Tip size range	0.38-0.53mm		
	出口压力Output pressure	≥17MPa		
	空气喷涂Air Spray			
	喷嘴尺寸Tip size range	2.0-3.0mm		
	出口压力Output pressure	≥0.4MPa		
	刷涂/辊涂Brush/Roller	适用于小面积施工For small area only		
稀释剂Thinner	不推荐使用，在特殊情况下，使用HX-501 (最多不超过体积总量的5%) Not recommended. Use water only in exceptional circumstances (max 5% by volume)			
设备清洗剂Cleaner	HX-501			
熟化时间Induction Period	不需要Not necessary			
干燥参数Drying Information	-5℃	5℃	25℃	35℃
表干Touch Dry	6h	4h	2h	1h
实干Hard Dry	36h	24h	20h	16h
适用期Pot Life	6h	4h	3h	2h
复涂参数Overcoating Data	底材温度Substrate Temperature			
复涂下列产品时Overcoated by	-5℃	5℃	25℃	35℃
	Min Max	Min Max	Min Max	Min Max
725-H44-61	36h 14d	24h 10d	20h 7d	16h 5d
725-J53-10	6h 72h	4h 48h	2h 24h	1h 16h
贮存Storage	贮存时应保持通风、干燥、防止日光直接照射，并应隔绝火源，远离热源，包装容器必须密闭。贮存温度应大于0℃。在25℃的条件下贮存期为12个月以上 (应以实际检验结果为准)。 Store in cool and dry conditions. Well ventilate. Keep away from hot and fire. Store temperature should be higher than 0℃. Shelf Life: 12 months minimum at 25℃. Subject to re-inspection thereafter.			
包装规格Pack Size	甲组分 20L容器装25kg/16.5L Part A 25kg/16.5L in 20 L container 乙组分 6L容器装3.5kg/3.5L Part B 3.5kg/3.5L in 6 L container			
闪点Flash Point	甲组分 大于31℃ Part A Greater than 31℃ 乙组分 大于28℃ Part B Greater than 28℃ 混合漆 大于31℃ Mixed paint Greater than 31℃			

体系及配套性  
Systems and Compatibility

最适合配套体系请咨询双瑞涂料销售代表。  
Consult your Sunrui Representative for the systems best suited for the surfaces to be protected.

表面处理  
Surface Preparation

采用高压淡水或一般淡水冲洗，或等效处理，并按照SSPC-SP1溶剂清理标准除去所有油脂、可溶性污染物及其它污物。所有待涂装表面应保持清洁、干燥。

High pressure fresh water wash or fresh water wash, as appropriate, and remove all oil or grease, soluble contaminants and other foreign matter in accordance with SSPC-SP1 solvent cleaning. All surfaces to be coated should be clean, dry and free from contamination.

新造船

Newbuilding

除去焊渣并磨光焊缝和锐边，采用喷砂处理至Sa2.5级 (GB/T 8923-1988)，焊缝可采用动力工具清理至St3级 (GB/T 8923-1988)。

Remove weld spatter and smooth weld seams and sharp edges. The surfaces should be blast cleaned to Sa2.5 (GB/T 8923-1988). The weld seams areas could be cleaned to St3 (GB/T 8923-1988) using power tool.

喷砂后应在钢板发生氧化前涂装。如果已发生氧化，则需重新喷砂至上述规定的标准。

Apply 725-H44-61 before oxidation occurs. If oxidation has occurred, the entire oxidized area should be reblasted to the standard specified above.

维修/在航保养

Repair/On Board Maintenance

修补区域采用机械方法处理至St3级 (GB/T 8923-1988)，或采用喷砂处理至Sa2.5级 (GB/T 8923-1988)，并打磨紧邻修补区域的四周，搭接区域应尽可能小。

The areas to be repaired should be cleaned to St3 (GB/T 8923-1988) by mechanical method or higher level of surface prepared to Sa2.5 (GB/T 8923-1988) by abrasive blasting. Abrade the area immediately surrounding the repair to provide a key for subsequent coating application. Overlap areas should be kept to a minimum.

限定  
Limitations

该产品在-10℃以下固化不完全。为获取最佳性能，固化温度应为-5℃以上。

This product will not cure adequately below -10℃. For maximum performance ambient curing temperature should be above -5℃.

与所有的环氧类涂料一样，725-H44-61暴露于紫外光下会出现粉化现象。

In common with all epoxy base coatings, 725-H44-61 will exhibit chalking of the film on UV exposure.

在环境相对湿度85%以下，待涂表面的温度必须在露点以上至少3℃的条件下施工。

Apply in good weather. Temperature of the surface to be coated must be least 3℃ above the dew point when the humidity is lower than 85%.

干燥时间和复涂间隔可能会由于现场的环境因素而有所改变。

The dry time and overcoating interval may change according to the environment factors.

避免长期吸入溶剂气体或漆雾，皮肤、眼睛不得接触本品，施工时注意做好通风及防火措施。

Avoiding absorb the solvent steam and paint steam for long time. Skin and eyes must avoid contacting the paint. Pay attention to ventilate and fireproof when applying.

责任声明  
Duty statement

本产品说明书中提供的信息完全基于我们在实验室和实践中所获得的，但由于产品的使用通常都是在我们控制范围之外，我们只给予产品本身质量的保证。我们保留不预先通知而修改说明书的权利。

The data in the sheet base on the information from the laboratory and practice. The application may exceed the control, so we only ensure our product quality. We own the right of the data sheet modification without informing.