

725-H45-ZF101G重防腐涂料-灰色/红色  
Heavy-duty anticorrosive coating-Grey/Red产品概述  
Product Description

- 一种双组分环氧重防腐涂料，具有良好的附着力，优异的耐化学性和耐水性  
A two pack epoxy heavy-duty anticorrosive coating and it is characterized by good adhesion and excellent resistance to chemicals, water and corrosion.
- VOC小于180g/L VOC less than 180g/L.

用途  
Intended Uses

- 用于船舶重防腐区 For use in heavy-duty anticorrosive areas.
- 用于钢桩或混凝土码头潮差区重防腐 For steel or tidal range zone of concrete stakes heavy-duty anticorrosion.
- 用于电厂循环水管内壁特加强级防腐  
For interior circulatory water piles of power plant special strengthening anticorrosion
- 污水处理工程、电厂、化工厂等钢管内壁及混凝土结构池内壁耐酸、碱、盐、微生物等重防腐  
For interior wall of steel pipes and concrete of Sewage treatment works, power plants and chemical plants etc. Heavy-duty anticorrosion.
- 自来水及水工程内防腐 For works of tap water and water anticorrosion

产品信息  
Product Information

体积固体份Volume Solids	80%±3%			
光泽度Finish/Sheen	半光Semi-Gloss			
标准膜厚Typical Film Thickness	500 μm干膜厚(640 μm湿膜厚) 500 microns dry (640 microns wet)			
理论涂布率Theoretical Coverage	1.6m <sup>2</sup> /L(标准膜厚) 1.6m <sup>2</sup> /L at typical film thickness			
混合比Mix ratio	3.4:1 (体积比) 7:1 (质量比) 3.4:1 (volume) 7:1(mass)			
施工方法Method of Application	推荐使用Recommended			
无气喷涂Airless Spray	喷嘴尺寸Tip size range	0.45-0.68mm		
	出口压力Output pressure	≥17MPa		
空气喷涂Air Spray	不推荐使用Not recommended			
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	4h	2h	1h	45min
实干Hard Dry	48h	36h	20h	10h
适用期Pot Life	4h	2h	1h	40min
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-H45-ZF101G	48h 14d	36h 10d	20h 7d	10h 5d
725-J43-5	48h 不限	36h 不限	20h 不限	10h 不限
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30kg/15.5L Part A 30kg/15.5L in 20L container 乙组分 6L容器装4.3kg/4.5L Part B 4.3kg/4.5L in 6L container			
闪点Flash Point	甲组分 大于31℃ Part A Greater than 31℃ 乙组分 大于29℃ Part B Greater than 29℃ 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.

钢材 steel

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施工底漆。如果已发生氧化，则需重新喷砂至上述规定的标准。

Apply 725-H45-ZF101G before oxidation occurs. If oxidation has occurred, the entire oxidized area should be reblasted to the standard specified above.

混凝土 concrete

彻底清除疏松粉化的水泥、附着生物、泥浆、油污及其它污物。

Remove loose powder of the cement, attached organisms, mud, oil or grease and other foreign matter thoroughly.

采用喷砂或动力工具打磨水泥表面，以清除疏松的水泥、附着生物和泥浆等。如有油污，可用洗涤剂清洗干净。The surface can be abrade by blasting or using power tool to remove loose powder, attached organisms, mud etc. and oil can be cleaned by scour.

维修/保养

Repair/Maintenance

钢材

修补区域采用动力工具处理至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.

混凝土

concrete

修补区域彻底清除疏松粉化的水泥、附着生物、泥浆、油污及其它污物，并打磨紧邻修补区域的四周，为随后的涂料施工提供一个附着基础，搭接区域应尽可能小。

The areas to be repaired should be remove loose powder of the cement, attached organisms, mud, oil or grease and other foreign matter thoroughly. 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

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 is lower than 85%.

与所有的环氧类涂料一样，725-H45-ZF101G暴露于紫外光下会出现粉化现象。

In common with all epoxy base coatings, 725-H45-ZF101G will exhibit chalking of the film on UV exposure.

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。

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