

Product Datasheet 产品说明书

Product name 产品名称

LT142 Multi-purpose HS Epoxy Series 多功能高固厚浆环氧(云母)系列

Product description 产品描述

LT142 forms a tough, abrasion resistant and durable film which bonds strongly to prepared and primed steel, galvanized steel, aluminum and inorganic zinc surfaces. Applies readily by spray can produce a smooth film. It will accept epoxy and acrylic modified aliphatic polyurethane topcoats. MIO or Al version is available also. Selected colors could be obtained in MIO Grey(light/dark), Red-brown, Off-white, Light grey(RAL 7035), RAL 7032.

LT142 多功能高固厚浆环氧(云母)涂料可形成坚韧、耐磨和耐久性涂层,并对经过处理且施工了底漆的钢铁、镀锌层、铝材和无机锌涂层具有非常好的附着力。喷涂后的漆膜光滑、平整,可再涂环氧和脂肪族丙烯酸聚氨酯面漆,也可提供含云母氧化铁或铝粉的产品。可以提供云母灰(浅/深),红棕色,白色,浅灰(RAL 7035),RAL 7032。

Product purpose 产品用途

Used mainly as middle coat for steel structure, equipment, galvanized steel and aluminum where need a good protection.

主要作为中间漆,可广泛应用于需要优异保护的钢结构、设备、镀锌结构和铝材。

Product character 产品特性

- Versatile shop applied coating.
全方位的车间施工涂层。
- Outstanding resistance to chemical and severe weathering with proper topcoat.
当复涂合适的面漆后,可提供出色的抗化学品及老化性能。
- Excellent adhesion to well prepared and primed bare steel, galvanized steel and aluminum.
对经过处理且施工底漆的碳钢基层、镀锌结构和铝材有优异的附着性。
- Easy applied by airless and conventional air sprayer.
简易的施工性,适合无气和常规空气喷涂。
- Improved re-coatability to be unlimited with IMO pigment.
含有云母氧化铁的品种,改善了可复涂性。
- Recommended dry film thickness: 75-200um.
推荐干膜厚度: 75-200 微米。
- VOC: 240 g/l (2.0 lb/gal).
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Related products 配套产品

- LH140-50 Hardener-Standard LH140-50 固化剂-标准
- LN140-20 Thinner-Standard LN140-20 稀释剂-标准

Surface treatment 表面处理

- Coating performance is proportional to the degrees of surface preparation. Prior to coating, surface must be clean, dry, undamaged and free of all contaminants, including salt deposits. Round off all rough welds and sharp edges, remove all weld patterns.



涂层的最终性能与表面处理的程度成正比。表面必须清洁、干燥、无任何污染物，包括盐分等。对所有锐边和焊缝进行倒圆，打磨除去焊接飞溅物。

☐ Steel: New, without pits or depressions, blast SSPC-SP6 (Sa2). Previously painted or pitted steel, blast SSPC-SP10 (Sa2.5). Blast to achieve 25-50 microns. Apply the primer as soon as possible to prevent the flash rusting on blasted and clean steel surface.

钢材: 新, 无麻坑或压痕, 喷砂处理达 SSPC-SP6 (Sa2); 生锈和有麻坑的表面, 喷砂处理达到 SSPC-SP10 (Sa2.5); 喷砂后表面粗糙度范围建议在 25~50 微米。处理好的清洁表面要尽快施工底漆以防止出现闪锈。

☐ Primed substrate: dry and without contamination; Weathered, remove any zinc salt or contamination with mechanical grinding and obtain the necessary roughness, clean with P850-14/1402.

施工底漆的结构: 干燥、没有任何污染物; 对于老化的底漆, 机械打磨除去所有的锌盐和其它污染物, 并得到一定的粗糙度, 然后用 P850-14/1402 清洁剂清洗。

☐ Inorganic zinc silicate primed substrate: mist coat application to avoid bubbling during application; Removal of zinc salt will be essential when applying to the aged primer, clean with P850-14/1402.

无机硅酸锌底漆: 需用雾喷法以避免施工过程中产生气泡; 当施工在老化的底漆上时, 必须除去所有锌盐, 然后用 P850-14/1402 清洁剂清洗。

Application process 施工流程

Application methods 施工方法	Airless spray 无气喷涂	
Mixing ratio(V/V) 混合比例 (体积)	4/1	
Volume Solid 体积固含量	80%±3	
Thinner 稀释剂	LN140-20	
Thinning ratio 稀释比例	0-10%	
Pot life 混合使用时间(21°C)	6 hours 6 小时	
Spraying distance (cm) 喷涂距离 (cm/厘米)	30~50	
Spraying nozzle (mm) 喷涂口径 (毫米)	0.42~0.53	
Pressure 喷涂压力 (Mpa)	15~18	
Flash-off 层闪时间	5~10min	5~10 分钟
Flow time 流平时间	10~15min	10~15 分钟
Drying time 干燥时间	21°C	
	Touch dry/指触干	3hour/小时
	Through/实干	8Hour/小时
	Overcoating(Min.)/最短再涂间隔	8Hour/小时

Important notes 注意事项:

☐ Apply a wet coat in even, parallel passes; overlap each pass 50 percent to avoid holidays, bare areas and pinholes. If required, cross spray at right angles to first pass.

应平行、均匀的喷涂, 并保证 50%的压枪以保证避免出现针孔、漏涂等。如果需要, 可在垂直方向再喷涂一次。



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