

Product Datasheet 产品说明书

Product name 产品名称

LP150 Epoxy Rich Zinc Primer 环氧富锌底漆

Product description 产品描述

LP150 Epoxy Rich Zinc Primer forms a tough, abrasion resistant film which bonds strongly to steel surfaces. High zinc content of the coating gives steel cathodic protection if the film is damages. Applies readily by spray can produce a smooth film. It will accept epoxy and acrylic modified aliphatic polyurethane topcoats.

LP150 环氧富锌底漆可形成坚韧、耐磨的涂层, 并对钢铁具有非常好的附着力。当涂层遭受破坏时, 漆膜中高含量锌粉能提供钢铁基层有效的“阴极保护”功能。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。

Product purpose 产品用途

Used as shop primer for steel structure, equipment where need a good protection.(C5I/M Standard)

可广泛应用于需要优异保护的钢结构、设备等行业(C5I/M 标准)。

Product character 产品特性

- ☐ Conform to SSPC Paint 20
符合美国钢结构防护涂料协会(SSPC)第 20 类油漆的规范
- ☐ Versatile shop applied primer
全方位的车间施工底漆
- ☐ Excellent adhesion to well prepared bare steel
对碳钢基层有优异的附着性
- ☐ 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
- ☐ High build thickness from 50-150 μ m
厚浆性涂层, 施工干膜厚度范围可达 50-150 微米
- ☐ Theoretical spreading rate @ DFT 70 μ m: 10m²/L
理论涂布率 (70 微米干膜厚度): 10m²/L
- ☐ VOC: 286 g/L (2.4 lbs/gal)
VOC: 286 g/L (2.4 lbs/gal)

Related products 配套产品

- ☐ LH150-20 Hardener-Standard LH150-20 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。

Application process 施工流程

Application methods 施工方法	Conventional air spray 手工喷涂	Airless spray 无气喷涂
Volume Solid 体积固体含量	70%±3	
Mixing ratio(V/V) 混合比例 (体积)	4/1	
Density/密度 (Kg/L)	2.4 ± 0.1	
Thinner 稀释剂	LN140-20	
Thinning ratio 稀释比例	0-15%	5-15%
Pot life 混合使用时间(21°C)	8 小时	
Spraying distance (cm) 喷涂距离 (厘米)	25~30	30~50
Spraying nozzle (mm) 喷涂口径 (毫米)	1.8~2.2	0.42~0.48
Pressure 喷涂压力 (Mpa)	0.4~0.6	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
		21°C
Drying time 干燥时间	Touch dry/指触干	2hour/小时
	Through/实干	3hour/小时
	Overcoating(Min.)/最短再涂间隔	6Hrs/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。
- ☐ Keep slowly stirring during application to avoid zinc settlement.
喷涂过程中应保持对油漆低速均匀的搅拌以防止锌粉沉淀。



本产品仅供专业人员使用。

本资料中所给出的信息基于我们对该产品的认识。受经验和科技进步等因素的影响本资料中所包含的内容可能随时更新, 恕不另行通知。任何人员使用本产品前, 必须对产品的适用性作进一步查询、测试, 否则需自行承担风险。我们对使用不当造成的产品的性能问题和其它任何损失或损害无法承担责任。