

Product Datasheet 产品说明书

Product name 产品名称	LP140 Performance Primer LP140 性能底漆系列
Product description 产品描述	LP140 1K Epoxy Performance Primer - Series, has very good and simple application properties, with excellent product quality and long term protection performance. It can be applied on steel, aluminum, zinc alloy, galvanized steel with excellent adhesion after simple surface preparation. Fast drying property allows the maximum production efficiency. It could accept most types of topcoats. LP140 单组份环氧性能底漆系列施工成熟稳定, 产品质量和防护性能优异。在铁, 锌合金, 镀锌板等具有优异的附着力。快干的特性最大程度上保证了施工的高效率。可接受大部分类型的面漆。
Product purpose 产品用途	Used for industrial purposes for electronic appliance, mechanical equipment, steel structures and steel components etc. 可广泛应用于工业制造, 如电子电器、机械、钢构件等行业。
Product character 产品特性	<ul style="list-style-type: none">❑ Excellent salt-spray resistance and anti-corrosion properties 优异的耐盐雾性及防护性能❑ Excellent adhesion to various substrate, including cold-rolled steel, aluminum, cast iron, galvanized steel and stainless steel 在多种底材上具有优异的附着力, 包括冷轧板、铸铁、镀锌板和不锈钢板❑ Fast drying and good leveling 快干, 流平性佳❑ Wide range of topcoat compatibility 优异的面漆复涂兼容性❑ High level of hardness 硬度高
Related products 配套产品	<ul style="list-style-type: none">❑ LN145 -10 Thinner-slow LN145-10 稀释剂 - 慢干❑ LN145 -20 Thinner-standard LN145-20 稀释剂 - 标准
Surface treatment 表面处理	<ul style="list-style-type: none">❑ 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。

- ❑ Wipe off grease and dust.
除油除尘。
- ❑ Steel: New, without pits or depressions, blast SSPC-SP6 (Sa2). Previously painted or pitted steel, blast SSPC-SP10 (Sa2.5). For mild exposures, power toll clean SSPC-SP3/11 (St3) is acceptable. 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)；对于轻度腐蚀环境，可用动力工具清洁至 SSPC-SP3 和 SSPC-SP11 或 St3 标准。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 spray 手工喷涂
Thinner 稀释剂	LN145-20/LN145-10
Thinning ratio 稀释比例	30~80%
Spraying viscosity(DIN4, 20°C) 喷涂粘度(涂 4 杯, 20°C)	15~40s
Spraying distance (cm) 喷涂距离 (cm/厘米)	15~20
Spraying nozzle (mm) 喷涂口径 (毫米)	1.6~1.8
Pressure 喷涂压力 (Mpa)	0.4~0.6
Flash-off 层闪时间	5~10min/分钟
Flow time 流平时间	5min/分钟
Drying time 干燥时间	Air dry 30 Min. 自干 30 分钟

Important notes 注意事项:

- ❑ Product should be mixed thoroughly once opened. Clean the residues inside container with thinner and mix them together in the mixing tank to allow homogenous mixing and avoid potential color variation caused by pigment settling.
涂料开罐后应充分搅拌均匀，罐底残漆应用稀释剂洗净一并混入调漆缸中，以防颜料沉底引起的色差。
- ❑ Filter thinner with 200 mesh strainer before use to remove any impurity or dirt in the product.
稀释剂使用前须用 200 目铜网过滤，以除去可能混入的杂质。
- ❑ After thinning, use 120 mesh strainer for filtration before spraying.
涂料开稀后，用 120 目铜网过滤，然后使用。

- ❑ Keep in dust-free environment for 5-10 minutes after painting, then dry fully in oven room.
喷涂后物件在无尘环境中维持 5-10 分钟后进入烘道。
- ❑ Using the slow dry thinner could get a better leveling surface and minimize the dry spray.
使用慢干溶剂可以得到更好的漆膜流平性并最大程度的减少干喷。



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