

Product Datasheet 产品说明书

Product name 产品名称

LT267 DTM High Performance Polyurethane Coating

LT267 底面合一专用保护聚氨酯涂料

Product description 产品描述

LT267 DTM is the DTM high performance polyurethane coating which offers the adhesion, flexibility, smoothness and protection from environmental attack required. It provides the super smoothness and protection without additional thicker film build. DTM system is versatile and excellent in application performances which are designed for spray or roll application, and are compatible with a wide array of equipment, including robotic. DTM specific characteristics could save the painting cycles in labor cost and paint material cost. Finally it could minimize the maintenance cost of wind farm owner. DTM system produces an excellent balance of performance properties that deliver long term, low maintenance asset protection in any operating environment including desert, on shore and offshore.

LT267 DTM 系列是一款高性能聚氨酯底面合一涂料,提供良好的附着力,柔韧性和平滑度,无须额外膜厚就能为基层提供超级平滑的表面和超凡保护。DTM 系列产品具有底面合一的卓越性能,可广泛适用于包括机器喷涂在内的多种喷涂设备进行喷涂或辊涂,在大大缩短工作周期,减少人力和物力成本的同时,还能有效的降低维护成本。DTM 系列产品平衡优异的性能及简便的施工工艺,可完美保护各种机械在恶劣环境下长期、高效、低成本的运行。

Product purpose 产品用途

This product has extensive usage, recommended for large mechanical equipment and steel structures demanding for great appearance and protection. 本产品用途广泛,通常推荐用于外观和防护性能要求很高的大、中型的机械设备和钢结构。

Product character 产品特性

- DTM to wide substrates
底面合一,基层适用性广
- Excellent protection performance with long term durability and weathering resistance
可提供持久的优异防护性能以及抗老化性能
- High Build
高膜厚
- Ultra-smooth surface profile
超级平滑的表面
- Excellent abrasion resistance and chemical resistance
优越的耐磨性和抗化学品性



- ☐ Textured surface available by specific spraying method and special additive
 通过特定的喷涂工艺可得到织物状或橘纹外观
- ☐ Recommended dry film thickness: 80-150um
 推荐干膜厚度: 80-150 微米
- ☐ VOC: 415 g/l
 VOC: 415 g/l

Related products 配套产品

- | | |
|------------------------------|-----------------|
| ☐ LH260-10 Hardener-slow | LH260-10 固化剂-慢干 |
| ☐ LH260-20 Hardener-standard | LH260-20 固化剂-标准 |
| ☐ LH260-30 Hardener-fast | LH260-30 固化剂-快干 |
| ☐ LN260-10 Thinner - Slow | LN260-10 稀释剂-慢干 |
| ☐ LN260-20 Thinner -Standard | LN260-20 稀释剂-标准 |
| ☐ LN260-30 Thinner -Fast | LN260-30 稀释剂-快干 |

Surface treatment 表面处理

- ☐ Substrate should be oil, grease and dust free with dried condition. It is better to treat the substrate with degreasing, de-rusting and phosphating process before applying the paint.
 要求被涂物件表面无油、无尘、干燥, 最好经过除油、除锈、磷化等良好的前处理。

Application process 施工流程

Application methods 施工方法	Conventional spray 手工喷涂
Hardener 固化剂	LH260-10/20/30
Thinner 稀释剂	LN260-10/20/30
Mixing ratio (colors : hardener : thinner) (by weight) 混合比例(色漆 : 固化剂 : 稀释剂)(重量比)	4: 1: 0-1
Pot life 混合使用时间	4 Hrs/小时
Spray viscosity 喷涂粘度(DIN4, 20°C)	16-35 S/秒
Spray distance 喷涂距离 (cm/厘米)	15-25
Spray nozzle 喷涂口径 (mm/毫米)	1.3~2.5
Pressure 喷涂压力 (Mpa)	0.4~0.6
Flash-off 层闪时间	5 min/分钟
Flow time 流平时间	10 min/分钟
Curing conditions 固化条件	Air drying 自然干燥 (25°C) Dust-free: 20 min 表干: 20 分钟; Dry through: 24 Hrs 实干: 24 小时 Forced drying 强制干燥 60°C × 45min 60°C × 45 分钟 80°C × 30min 80°C × 30 分钟

Important notes 注意事项:

- Via conventional, airless or electrostatic spray.
可静电、无气或手工喷涂。
- 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。
- Coatings should be mixed sufficiently once opened. Clean the remainder with thinner and pour them together into mixing container to avoid 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罐中，以防颜料沉底引起的色差。
- Filter thinner with 200 mesh strainer before using to get rid of impurity if any
稀释剂使用前须用 200 目滤网过滤，以除去可能混入的杂质。
- The pot life will be 4 hours once the hardener had been added. Please use it up within the time.
色漆与固化剂混合后，活化时间为 4 小时，故应在规定时间内用完。



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