



技术说明书

TECHNICAL DATA SHEET

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本资料由 锐亿奇工业科技（上海）有限公司 整理提供，仅供客户选型参考，具体性能参数以原厂最新版本为准
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PU FINISH HD-25

聚氨酯面漆 HD-25

PRODUCT DESCRIPTION

产品简介

A high gloss decorative finish based on polyurethane for steel surfaces

用于金属表面的高装饰高性能聚氨酯面漆。

RECOMMENDED USE

用途

As a finish can be used in new construction situations and as high decorative finish for locomotive and engineering machinery.

用于新建设施或作为维修保养面漆使用，用于铁路机车和工程机械等高装饰性表面。

COMPLIED STANDARDS

符合标准

Complies with TB/T 2393-2001

符合 TB/T 2393-2001 铁路机车车辆用面漆

FEATURES

产品特性

Good weathering resistance and gloss retention

良好的耐候性和保光性

Good adhesion to epoxy primers

同环氧涂料附着良好

High durable and fullness

高装饰性、高丰满度

PHYSICAL PROPERTIES

基本数据

Color

颜色

White and Colors

白色及各色

Gloss

光泽

High gloss 70-80 (or agree)

高光 70-80 (或商定)

Volume Solids

体积固体份

55%

VOC

挥发性有机化合物含量

418g/L, accord with EU Dirctive2004/42/EC, subcategory j

418 克/升，符合欧盟溶剂排放指令 2004/42/EC, j 子类别

Flash Point

闪点

Greater than 26°C

26°C 以上

Film thickness

涂装膜厚

Dry : 30-100μm /coat Wet : 60-200μm /coat

干膜:30-100μm/道 湿膜: 60-200μm/道

Theoretical Coverage

理论涂布率

0.098kg/m²/40μm

0.098 千克/平方米/40 微米

Practical coverage depending on surface conditions, environment, applications, etc.

实际涂覆率与表面处理，外界环境，施工方法等多种因素有关

APPLICATION

施工

Application Temperature

施工温度

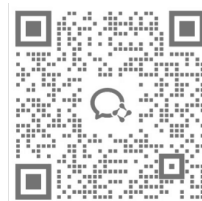
-5°C-40°C

Mixing

混合

Combine Base with Hardener, mix thoroughly with power agitator

混合主剂与固化剂，使用动力工具搅拌均匀

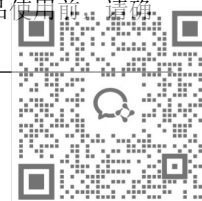


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Mixing Ratio	Base/Hardener=5/1(by weight)					
混合比例	主剂/固化剂=5/1（重量比）					
Pot Life	5℃	10℃	20℃	30℃		
混合使用期	8hrs	6hrs	5hrs	4hrs		
Application Methods	Airless spray, air spray brush and roller					
施工方法	无气喷涂、空气喷涂、刷涂和滚涂					
	Airless spray 无气喷涂					
	Nozzle tip	喷嘴尺寸	0.33mm-0.43mm			
	Nozzle pressure	出口压力	≥10MPa			
	Thinning ratio	稀释比率	5-10% by volume（体积比）			
	Brush/Roller 刷涂/滚涂					
	Thinning ratio	稀释比率	5-10% by volume（体积比）			
Thinner	Retan Thinner 2#					
稀释剂	聚氨酯稀释剂 2#					
Drying time &	Temperature	温度	5℃	10℃	20℃	30℃
Overcoating interval	Surface dry	指触干燥	4hrs	2hrs	1.5hrs	0.5hrs
干燥时间&涂装间隔	Touch dry	半硬干燥	24hrs	16hrs	8hrs	4hrs
	Min. interval	最小涂装间隔	36hrs	24hrs	12hrs	8hrs
	Max. interval	最大涂装间隔	-	-	-	-
Typical undercoat	Epomastic ZP-30, EPO Undercoat or according to the coating systems of COSCO Kansai					
适用下涂	Epomastic ZP-30, 环氧中间漆或参考中远关西涂装配套					
Typical topcoat	Retan 6000 Clear					
适用上涂	聚氨酯清漆					
STORAGE	Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed.					
贮存	贮存于干燥阴凉的环境中，远离热源及火源。包装桶必须保持封闭。					
Shelf life	12 months from date of production (25℃)					
贮存期限	自生产之日起 12 个月（25℃）					

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