



技术说明书

TECHNICAL DATA SHEET

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报价、销售及技术支持

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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TANKCARE AE-50

酚醛环氧导静电漆 AE-50

PRODUCT DESCRIPTION

A two packs epoxy novolac paint with conducting electrostatic materials.

产品简介

添加导静电材料的酚醛环氧涂料。

RECOMMENDED USE

用途

As long-term conducting electrostatic anti-corrosive coating on steel tank of interior surface for petroleum and chemical tank and pipe. The surface resistivity is 10^8 - 10^{11} ohms.

作为长效导静电防腐涂料，使用于装载石油化学品的钢制储罐或管道内壁。表面电阻率为 10^8 - 10^{11} 欧姆。

COMPLIED STANDARDS

符合标准

Complies with GB 50393-2008

符合《钢制石油储罐防腐蚀工程技术规范》GB 50393-2008

FEATURES

产品特性

Excellent corrosive resistance

极好的防腐性能

a long-term stable conducting electrostatic properties

长效的导静电性能

Excellent osmosis resistance

优异的抗渗透性

Non-pollution for oil

对油品无污染

Light colors

浅色

PHYSICAL PROPERTIES

基本数据

Color

Grey

颜色

灰色

Volume Solids

65±2%

体积固体份

VOC

360g/L, accord with EU Dirctrive2004/42/EC, subcategory j

挥发性有机化合物含量

360 克/升，符合欧盟溶剂排放指令 2004/42/EC, j 子类别

Flash Point

Greater than 25℃

闪点

25℃ 以上

Film thickness

Dry : 100-300 μm/coat

Wet : 165-460μm/coat

涂装膜厚

干膜: 100-300 微米/道

湿膜: 165-460 微米/道

Theoretical Coverage

0.240Kg/m²/100 microns

理论涂覆率

0.240 千克/平方米/100 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

10℃-40℃

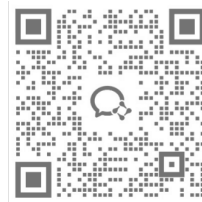
施工温度

Mixing

Combine Base with Hardener, mix thoroughly with power agitator

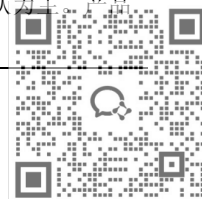
混合

混合主剂与固化剂，使用动力工具搅拌均匀



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Mixing Ratio 混合比例	Base/Hardener=9/1(by weight) 主剂/固化剂=9/1（质量比）					
Pot life 混合使用期	10℃ 5hrs	20℃ 4hrs	30℃ 2hrs			
Application Methods 施工方法	Airless spray, air spray and roller 无气喷涂、空气喷涂、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					
Thinner 稀释剂	Epomarine Thinner #20 环氧稀释剂#20					
Drying time & Overcoating interval 干燥时间&涂装间隔	Temperature Surface dry Touch dry Min. interval Max. interval	温度 指触干燥 半硬干燥 最小涂装间隔 最大涂装间隔	10℃ 6hrs 48hrs 48hrs 14days	20℃ 4hrs 24hrs 24hrs 10days	30℃ 2hrs 16hrs 16hrs 7days	
Applied substrate 适用底材	Bare steel 裸钢					
Typical topcoat 适用上涂	Epomarine AE -50 耐油导静电涂料					
STORAGE 贮存	Store in dry, cool condition and away from sources of heat and ignition. Containers must be kept tightly closed. 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 贮存期限	12 months from date of production (25℃) 自生产之日起 12 个月（25℃）					
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