



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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EPOTAINER EX (M) 环氧云铁厚浆漆 EX (M)

PRODUCT DESCRIPTION

产品简介

A low VOC, high solids, two packs high build epoxy coating.

是一种低 VOC 含量、高固体、双组份环氧厚浆涂料

RECOMMENDED USE

用途

As a primer or intermediate coat can be used in steel structure at moderately to severe corrosive environments and container surface of new construction and maintenance. Outdoor Corrosion Resistant suitable for UL 50E enclosures.

用于中等至严酷腐蚀环境的新建钢结构及集装箱表面，可作为底漆或中间漆使用。也可在维修配套中使用。可用作 UL50E 外壳户外防腐。

COMPLIED STANDARDS

符合标准

UL50E certified

通过 UL50E 认证

FEATURES

产品特性

Low VOC, High volume solids

低 VOC 含量，高固体份

Excellent anti-corrosive performance

极好的防腐性能

Excellent surface-tolerant properties

极好的表面适应性能

High-build applicability

极好的厚涂施工性能

Add MIO (Micaceous Iron Oxide), can be overcoated after extended periods

添加云铁成分，适应较长时间后覆涂

Lead free*, be friendly with health and environment

无铅，有益于健康和环境

*: Lead free is defined in order to comply with the request of JIS K 5674

*: 无铅的概念为满足 JIS K 5674 中对铅含量的要求

PHYSICAL PROPERTIES

基本数据

Color

颜色

Grey

灰色

Volume Solids

体积固体份

75%

VOC

挥发性有机化合物含量

278g/L, accord with EU Dirctive2004/42/EC, subcategory j

278 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 20°C

20°C 以上

Film thickness

涂装膜厚

Dry : 75-200 μm/coat

干膜: 75-200 微米/道

Wet : 100-270μm/coat

湿膜: 100-270 微米/道

Theoretical Coverage

理论涂布率

0.020Kg/m²/10μm

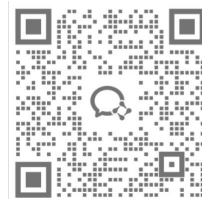
0.020 千克/平方米/10 微米

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



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Application Temperature

施工温度 5°C-40°C

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

Mixing Ratio

Base/Hardener=9/1(by weight)

混合比例

主剂/固化剂=9/1 (重量比)

Pot Life

5°C 10°C 20°C 30°C

混合使用期

8hrs 8hrs 6hrs 3hrs

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 0.43mm-0.53mm

Nozzle pressure 出口压力 ≥15MPa

Thinner

Epomarine Thinner 20#

稀释剂

环氧稀释剂 20#

Drying time &

Temperature 温度 5°C 10°C 20°C 30°C

Overcoating interval

Surface dry 指触干燥 5hrs 4hrs 3hrs 2hrs

干燥时间&涂装间隔

Touch dry 半硬干燥 48hrs 24hrs 16hrs 12hrs

Min. interval 最小涂装间隔 48hrs 36hrs 24hrs 16hrs

Max. interval 最大涂装间隔 7days 7days 7days 7days

Applied Substrate

Bare steel, EPOTAINER Zinc 60 etc.

适用底材

裸钢，环氧富锌底漆 60 等

Typical topcoat

PU Finish CT-50, or according to the coating system of COSCO Kansai.

适用上涂

聚氨酯面漆 CT-50 或参考中远关西涂装配套

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°C)

贮存期限

自生产之日起 12 个月 (25°C)

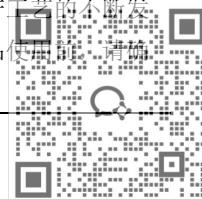
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