

UNIVERSAL MIO-50 通用环氧云铁漆 MIO-50

PRODUCT DESCRIPTION

产品简介

A low VOC, high solids, two pack high build epoxy coating with M.I.O.(Micaceous Iron Oxide)

是一种低 VOC 含量、高固体、双组份厚浆型环氧云铁涂料。

RECOMMENDED USE

用途

As a primer or intermediate coat can be used in steel structure at industrial moderately corrosive environments of new construction and maintenance .

用于中等工业腐蚀环境的新建钢结构表面，可作为底漆或中间漆使用。也可在维修配套中使用。

COMPLIED STANDARDS

符合标准

Complies with JT/T 722-2008, JT/T 733-2008

符合公路桥梁钢结构防腐涂装技术条件 JT/T 722-2008、港口机械钢结构表面防腐涂层技术条件 JT/T 733-2008

FEATURES

产品特性

Low VOC, high volume solids

低 VOC 含量，高固体份

Good anti-corrosive performance

极好的防腐性能

Excellent surface-tolerant properties

极好的表面适应性能

Tough and strong films

漆膜坚韧

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

PHYSICAL PROPERTIES

基本数据

Color

颜色

Grey and Oxide Red

灰色和铁红色

Volume Solids

体积固体份

78%

VOC

挥发性有机化合物含量

210g/L, accord with EU Dirctive2004/42/EC, subcategory j

210 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 30℃

30℃ 以上

Film thickness

涂装膜厚

Dry 100-250 microns/coat

干膜: 100-250 微米/道

Wet : 128-320microns/coat

湿膜: 128-320 微米/道

Theoretical Coverage

理论涂覆率

0.385Kg/m²/200 microns

0.385 千克/平方米/200 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℃-40℃

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

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

5°C 20°C 30°C

8hrs 6hrs 3hrs

Application Methods

施工方法

Airless spray, air spray, brush and roller

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
Thinning ratio	稀释比率	0-5% by volume (体积比)

Brush/Roller 刷涂、滚涂

Thinning ratio	稀释比率	5-10% by volume (体积比)
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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	温度	5°C	10°C	20°C	30°C
Surface dry	指触干燥	5hrs	4hrs	3hrs	2hrs
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

Typical undercoat

适用下涂

Bare steel, SD ZINC 500 etc.

裸钢, 环氧富锌涂料 500 等

Typical topcoat

适用上涂

RETAN 6000, KANPE FLON HD or according to the coating system of Cosco Kansai.

聚氨酯面漆 6000, 氟碳面漆或参考我司涂装配套

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°C)

自生产之日起 12 个月 (25°C)

DISCLAIMER

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