



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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Epomarine Super EX 21 环氧漆 EX 21

PRODUCT DESCRIPTION

A high-build phenolic amide cured epoxy coating .

产品简介

酚醛酰胺固化的厚涂型环氧涂料

RECOMMENDED USE

For ballast tank or similar location. As a primer for in-water service.

用途

用于船舶压载舱或类似部位，可作为水下环境中的底漆使用。

FEATURES

产品特性

Excellent durability against cured oils, sea water

优秀的耐原油性、耐海水性

Resistance to cathodic protection

可承受阴极保护

Light color finish

浅色面漆

High-build applicability

极好的厚涂施工性能

Good adhesion to bare steel substrates and a wide range of shop-primed surfaces

同裸钢底材和大量的车间底漆都有良好的附着力。

PHYSICAL PROPERTIES

基本数据

Color

Grey and Oxide Red

颜色

灰色和铁红色

Volume Solids

78±2%

体积固体份

VOC

242g/L, accord with EU Directive 2004/42/EC, subcategory j

挥发性有机化合物含量

242 克/升，符合欧盟溶剂排放指令 2004/42/EC, j 子类别

Flash Point

Greater than 20°C

闪点

20°C 以上

Film thickness

Dry 75-200 microns/coat Wet : 96-256 microns/coat

涂装膜厚

干膜: 75-200 微米/道 湿膜: 96-256 微米/道

Theoretical Coverage

7.8m²/Ltr/100 microns

理论涂覆率

7.8 平方米/升/100 μ m

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

5°C-40°C

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

Mixing Ratio

Base/Hardener=7/1 (by weight)

混合比例

主剂/固化剂=7/1 (质量比)

Pot life

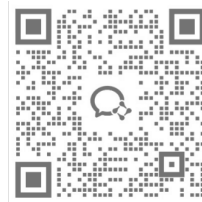
10°C 20°C 30°C

混合使用期

4hrs 3hrs 2hrs

Application Methods

Airless spray, air spray , brush and roller



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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	≥10Mpa
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	10℃	20℃	30℃
Surface dry	指触干燥	4hrs	3hr	3hr
Touch dry	半硬干燥	24hrs	10hrs	6hrs
Before flooding	耐浸干燥	7days	7days	7days
Min. interval	最小涂装间隔	12hrs	8hrs	6hrs
Max. interval	最大涂装间隔	14days	14days	14days

Typical undercoat

适用下涂

SD Zinc 500 etc.

环氧富锌涂料 500 等

Typical topcoat

适用上涂

Retan 6000, or according to the coating system of Cosco Kansai.

聚氨酯面漆 6000, 或参考中远关西涂装配套

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℃)

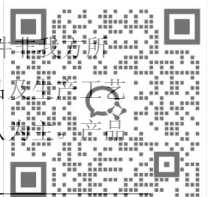
自生产之日起 12 个月 (25℃)

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