



Protective Coatings

EPOFEND HR-50

环氧湿固化漆 HR-50

PRODUCT DESCRIPTION

产品简介

A low VOC, high solids, two pack high build epoxy coating based on epoxy resin and amine curing agent.

是一种低 VOC 含量、高固体、双组份环氧厚浆涂料，由环氧树脂和胺类固化剂组成。

RECOMMENDED USE

用途

As a sealer or intermediate coat for cement and concrete surface of tidal and splash zone.

可作为封闭漆或中间漆用于潮差区、浪溅区的水泥和混凝土表面。

FEATURES

产品特性

Low VOC, High volume solids

低 VOC 含量，高固体份

Excellent durability against sea water

优秀的耐海水性

High-build applicability

极好的厚涂施工性能

Good sealing ability and adhesion to moist surfaces.

同潮湿表面具有良好的封闭性和附着力。

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

80%

VOC

挥发性有机化合物含量

190g/L, accord with EU Dirctive2004/42/EC, subcategory j

190 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°C

30°C 以上

Film thickness

涂装膜厚

Dry 100-300 microns/coat

干膜: 100-300 微米/道

Wet : 125-375microns/coat

湿膜: 125-375 微米/道

Theoretical Coverage

理论涂覆率

0.354Kg/m²/200 microns

0.354 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。



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SURFACE PREPARATION
表面处理

Remove oil and grease with suitable detergent or solvent(SSPC-SP-1).
 依照 SSPC-SP1 溶剂清洗标准除去油脂。

Remove rust, mill-scale and other loose material completely by abrasive blasting or power tool cleaning.
 使用喷砂或打磨的方法使基材表面符合技术规范要求。

All surface to be coated should completely clean,dry and free from contamination.
 涂漆前确认表面清洁干燥无灰尘。

APPLICATION

施工

Application Temperature 5°C-40°C

施工温度

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=9.44/1(by weight)

主剂/固化剂=9.44/1（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）

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

		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

cement, concrete.

水泥，混凝土

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



Protective Coatings

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)

SAFETY PRECAUTIONS

安全措施

Detail information is given on MSDS.

详细信息参见化学品安全说明书。

Avoid inhalation of spray mist or vapour.

避免吸入漆雾或蒸气。

Avoid skin and eye contact.

避免接触皮肤和眼睛。

Paint contacted with skin should be immediately removed with water and/or suitable cleanser. Eyes should be flushed with water and seek immediate medical attention.

如果油漆接触到皮肤，应用温水以及（或者）适当的清洗剂清洗。如果油漆接触到眼睛，应用大量水冲洗并立即就医。

Since this product contains flammable solvents, keep away from sparks and open flames.

因为产品中含有挥发性溶剂，避开火花和明火。

Application and handling of this product should be in compliance with relevant national regulations.

使用本产品应遵守相关国家安全规定。

DISCLAIMER

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