

EPOMARINE FW 100

环氧漆FW 100

PRODUCT DESCRIPTION 产品简介	A hi-build pure epoxy coating 是一种厚浆型纯环氧涂料。	
RECOMMENDED USE 用途	As a protective primer-finish coat can be used in freshwater tanks and potable water tanks. 作为底面合一涂料用于淡水舱和饮用水舱。	
COMPLIED STANDARDS 符合标准	Complies with GB 5369-2008, GB/T 17219-1998 符合《船用饮水舱涂料通用技术条件》GB 5369-2008中的理化指标和卫生要求,《生活饮用水输配水设备及防护材料的安全性评价标准》GB/T 17219	
FEATURES 产品特性	Highly suitable recommended for drinking water tanks 非常适用于饮用水舱 Excellent water and corrosive resistance 极好的耐水性和耐腐蚀性 Excellent high-build applicability 极好的厚涂施工性能 Tough and strong film 漆膜坚韧强硬,具有极好的耐磨损性	
PHYSICAL PROPERTIES 基本数据		
Color 颜色	Grey, White and Oxide Red 灰色,白色和铁红色	
Volume Solids 体积固体份	66%	
VOC 挥发性有机化合物含量	350g/L, accord with EU Dirctive2004/42/EC, subcategory j 350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 22℃ 22℃以上	
Film thickness 涂装膜厚	Dry: 75-200 microns/coat 干膜: 75-200微米/道	Wet : 113-303microns/coat 湿膜: 113-303微米/道
Theoretical Coverage 理论涂布率	6.6 m ² /Ltr/100 microns 6.6平方米/升/100 μm 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=4.5/1 (by volume)
主剂/固化剂=4.5/1 (体积比)

Pot Life
混合使用期

5℃	20℃	30℃
16hrs	8hrs	4hr

Application Methods
施工方法

Airless spray, air spray, brush and roller
无气喷涂、空气喷涂、刷涂、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
环氧稀释剂

Drying time &
Overcoating interval
干燥时间&涂装间隔

Temperature	温度	5℃	10℃	20℃	30℃
Surface dry	指触干燥	5hrs	3hrs	2hrs	1hr
Touch dry	半硬干燥	48hrs	36hrs	12hrs	12hrs
Before flooding	耐浸干燥	14days	10days	7days	5days
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
适用底材

Bare steel
裸钢

Typical topcoat
适用上涂

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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

12months from date of production (25℃)
自生产之日起12个月 (25℃)

DISCLAIMER
提请注意

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REMARKS
备注

The interval before flooding freshwater should be more than 7 days at 20℃ after the completion of paint application. Also, it is necessary for the following procedure to be carried out in order for the fresh water tank to be ready for service. Flooding fresh water into the tank until it is full, keep the fresh water in tank for more than two days and discharge the water. repeat the above procedure at least 3 times. After the above procedure, wash the coating film down with fresh water. In the case that the odour of the solvent is still noticeable after the fresh water hosing, repeat the above procedure.
涂装完成后需在20℃下放置7天才可装载饮用水。同时在饮用水舱使用之前还应完成以下步骤:在涂装后的舱内装满淡水,保存两天以上后放出。重复上述步骤至少3次。上述步骤之后,用清水冲洗漆膜。若清水冲洗后溶剂的气味仍然存在,重复上述步骤。