

SD ZINC PRIMER 500

环氧富锌底漆500

PRODUCT DESCRIPTION 产品简介	A high-build organic zinc rich anti-corrosive coating 厚涂型环氧富锌防腐漆	
RECOMMENDED USE 用途	For steel structure at industrial severe corrosive environment 用于工业环境下严酷腐蚀环境的钢结构表面	
COMPLIED STANDARDS 符合标准	Complies with ISO 12944-5、SSPC PAINT 20、HG/T 3668-2009 符合ISO 12944-5、SSPC PAINT 20、HG/T 3668-2009富锌底漆中的成分要求	
FEATURES 产品特性	Remarkable corrosion resistance 极佳的防腐性能 High build applicability 良好的厚涂施工性 Quick drying 干燥迅速 Excellent resistance to abrasions and impacts 极好的耐磨损、耐冲击性能 Long-term protection when used with epoxy coatings 与环氧涂料配套时可提供长期的保护	
PHYSICAL PROPERTIES 基本数据		
Color 颜色	Grey 灰色	
Volume Solids 体积固体份	63%	
VOC 挥发性有机化合物含量	367g/L, accord with EU Directive 2004/42/EC, subcategory j 367g/L, 符合欧盟溶剂排放指令2004/42/EC, j子类别	
Flash Point 闪点	Greater than 12°C 12°C以上	
Film thickness 涂装膜厚	Dry : 30-80 microns/coat 干膜: 30-80微米/道	Wet : 47-127microns/coat 湿膜: 47-127微米/道
Theoretical Coverage 理论涂布率	12.6m ² /L/50 microns 12.6平方米/升/50 μm Practical coverage depending on surface conditions, environment, applications, etc. 实际涂布率与表面处理, 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°C-40°C	
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=6/1(by volume)
主剂/固化剂=6/1 (体积比)

Pot life
混合使用期

5℃	10℃	20℃	30℃
16hrs	12hrs	8hrs	6hrs

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	≥ 10Mpa
Thinning ratio	稀释比率	0-10% by volume (体积比)

Brush/Roller 刷涂、滚涂

Thinning ratio	稀释比率	0-10% by volume (体积比)
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Thinner
稀释剂

Epomarine Thinner
环氧漆稀释剂

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

Temperature	温度	5℃	20℃	30℃
Touch dry	指触干燥	30mins	20mins	10mins
Hard dry	半硬干燥	7hrs	4hrs	3hrs
Min. interval	最小涂装间隔	24hrs	24hrs	24hrs
Max. interval	最大涂装间隔	—	—	—

Applied Substrates
适用底材

Bare steel
裸钢

Typical topcoat
适用上涂

Universal EP-60, Epomarine EX500 or according to the coating system of Cosco Kansai.
通用环氧漆EP-60, 环氧漆EX500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

Base : 6 months Hardener:12 months(from date of production (25℃))
主剂: 6个月 固化剂: 12个月 (自生产之日起 (25℃))

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