

SD Zinc 100
环氧富锌底漆 100
**PRODUCT DESCRIPTION
& INTENDED USES**

产品简介

A zinc rich primer based on epoxy resin polyamide hardener and zinc powder.

由环氧树脂、聚酰胺固化剂、锌粉组成的环氧富锌底漆。

FEATURES

产品特性

- Remarkable corrosion and abrasion resistance
极佳的防腐和耐磨损性能
- Excellent resistance to weathering in polluted environment
良好的厚涂施工性
- Quick drying
干燥迅速
- Less scorch by gas-cutting, welding and stress relieving
气割和焊接时烧焦少
- Excellent compatibility with most kind of subsequent coats.
与环氧涂料配套时可提供长期的保护
- Strong adhesion to steel surface
对钢铁表面附着力强

BASIC DATA

基本数据

Color(s)

颜色

Grey

灰色

Mixing ratio

混合比率

Base/Hardener=12/1 (by wt.)

主剂/固化剂=12/1 重量比)

Solids content

重量固体份

77%

Film thickness

涂装膜厚

Dry : 15-40 microns/coat Wet : 31-73 microns/coat

干膜: 15-40 μ m/道 湿膜: 31-73 μ m/道

Spreading rate

涂覆率

 Theoretical: 0.167 kg/ m²/40 microns

理论值 : 0.167 千克/平方米 40 μ m

Practical: Various depending on surface conditions, environment, applications, etc.

实际值 : 与表面处理, 外界环境, 施工方法等多种因素有关。

STORAGE

储存

Shelf temperature

储存温度

-10°C -40°C

Shelf life

储存期限

1 year

1 年

Flash point

闪点

Greater than 18°C

18°C 以上

APPLICATION DATA

施工数据

Pot life

混合使用期

Temperature (°C) 温度	5	10	20	30
Pot life (hrs) 混合使用期	24	16	8	6

Application methods

施工方法

Airless spray, air spray, brush and roller 无气喷涂、空气喷涂、刷涂及辊涂		
Airless spray 无空气喷涂	Recommended 推荐	
Nozzle tip 喷嘴尺寸	0.019-0.021	
Fluid pressure 出口压力	100-150kg/cm ²	
Thinning 稀释比率	0-20% by volume (体积比)	

Thinner

稀释剂

SD Zinc Thinner

环氧富锌稀释剂

Application temperature

施工温度

5°C-40°C

Drying time &
Overcoating interval

干燥时间&涂装间隔

Temperature (°C) 温度	5	10	20	30
Dry to touch (mins) 指触干燥	---	---	---	---
Dry hard (mins) 半硬干燥	5	4	3	1
Min. interval (hrs) 最小涂装间隔	36	24	16	12
Max. interval (days) 最大涂装间隔	-	-	-	-

PAINTING SYSTEM
涂装配套
Applied substrates

适用底材

Bare steel.

裸钢等。

Subsequent coat

适用上涂

Epomarine EX 500、Epomarine EX 600、Epomarine Super EX 21,
or according to the coating systems of Kansai.

Epomarine EX 500、Epomarine EX 600、Epomarine super EX21AC, 或参考我司
推荐配套

SURFACE PREPARATION

表面处理

- Remove salt and other water-soluble contaminants by fresh water hosing.
用清水冲去盐份及其它水溶性污物。
- Degrease according to SSPC-SP1 solvent cleaning.
依照 SSPC-SP1 溶剂清洗标准除去油脂。
- Remove weld spatter and smooth weld seams and sharp edges.
除去焊接飞溅并处理焊缝、毛刺使其光滑。
- Remove rust, mill-scale and damaged shop primer by blasting to ISO Sa2.5 (SSPC-SP10) or by power tooling to ISO St3.0.
用喷砂方式除去铁锈、氧化皮和损坏的车间底漆达到 ISO Sa2.5 (SSPC-SP10) 或用电动工具处理表面达到 ISO St3.0。

- Remove dust and dirt by high-pressure air before paint application
用高压空气吹扫除去灰尘等污物。
- Be sure that the surface is clean and dry prior to application.
施工前确认表面清洁干燥。

SAFETY PRECAUTIONS**安全措施**

A health and safety data sheet for product is available upon request. Minimum precautions to be taken in dealing with all paints are:

任何油漆施工中均应保证提供以下措施:

- Avoid skin and eye contact.
避免接触皮肤和眼睛。
- If paint comes into contact with the skin , wash with warm water and/or a suitable cleanser. If paint comes into contact with the eyes, flush with copious amount of 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。
- Ensure good ventilation.
保证良好的通风。
- Paint products contain flammable materials. Please keep them away from sparks and prohibit any smoking in the vicinity.
涂料中含有可燃物质。请远离火花并禁止在临近地区吸烟。
- Observe all health and safety data on the container.
现场遵守一切健康安全规定。

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