

**Thermo 400 Undercoat 耐热底漆 400**

**PRODUCT DESCRIPTION & INTENDED USES** A heat resisting paint based on modified silicone resin with zinc dust

产品简介 由有机硅树脂与锌粉组成的耐热涂料。

**FEATURES**

产品特性

- Excellent heat resistance (Up to 400°C)  
极好的耐热性 (400°C 以上)
- Excellent rust preventive property  
极好的防锈性
- Good resistance to water and sea water  
良好的耐水和耐海水性能
- Air drying  
可空气干燥
- Good applicability  
良好的施工性能

**BASIC DATA**

基本数据

<b>Color(s)</b>	Gray
颜色	灰色
<b>Mixing ratio</b>	Ready to use
混合比率	单组分
<b>Solids content</b>	36%
重量固体份	
<b>Specific gravity</b>	1.02
比重	
<b>Film thickness</b>	Dry: 30microns/coat      Wet : 120 microns/coat
涂装膜厚	干膜:30 μ m/道      湿膜: 120 μ m/道
<b>Spreading rate</b>	0.123/kg/m <sup>2</sup> /30 microns
涂覆率	0.123 千克/平方米/30 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

<b>Shelf temperature</b>	-10°C-40°C
储存温度	
<b>Shelf life</b>	6 months
储存期限	6 个月
<b>Flash point</b>	Greater than 25°C 以上
闪点	25°C 以上
<b>Temperature Resistance</b>	400°C (Dry) 450°C (Maximum moment temperature)
耐热温度	400°C (干) 450°C (最高瞬时温度)

**APPLICATION DATA**

施工数据

**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	0.021-0.023
Fluid pressure	出口压力	100-150kg/cm <sup>2</sup>
Thinning	稀释比率	0-5% by wet (重量比)

**Thinner**

稀释剂

Enamel Thinner No.200

磁漆专用稀释剂 200#

**Application temperature**

施工温度

0°C-40°C

**Drying time &**
**Overcoating interval**

干燥时间&amp;涂装间隔

Temperature (°C)	温度	5	10	20	30
Dry to touch (hrs)	指触干燥	3	3	1	1
Dry hard (hrs)	半硬干燥	5	4	3	3
Min. interval (hrs)	最小涂装间隔	24	16	12	8
Max. interval (days)	最大涂装间隔	-	-	-	-

**Bake at 200°C~250°C for 40minutes~1hr. for full cure.**

在 200°C~250°C 烘烤 40 分钟到 1 小时达到完全固化

**PAINTING SYSTEM**

涂装配套

**Applied substrates**

适用底材

Bare steel.

裸钢。

**Preceding coat**

适用下涂

SD Zinc 1500N, or according to the coating systems of Kansai.

厚涂无机富锌底漆, 或参考我司推荐配套。

**Subsequent coat**

适用上涂

Thermo 400 silver, or according to the coating systems of Kansai.

Thermo 400 面漆, 或参照我公司推荐配套。

**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。

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**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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