



技术说明书

TECHNICAL DATA SHEET

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本资料由 锐亿奇工业科技（上海）有限公司 整理提供，仅供客户选型参考，具体性能参数以原厂最新版本为准
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THERMO 600 PRIMER

有机硅耐热底漆 600

PRODUCT DESCRIPTION

产品简介

A heat resisting paint based on modified silicone resin and inert pigments.

由改性有机硅树脂与惰性颜料组成的耐热涂料。

RECOMMENDED USE

用途

As a primer for long-term protection of hot pipelines, exhaust pipes, smoke stacks and other hot surfaces at temperatures up to 600°C and 650°C at a short time.

作为底漆长效保护温度高达 600°C（瞬时温度 650°C）的热管道、排气管、烟囱和其它热表面。

FEATURES

产品特性

Excellent heat resistance (Up to 600°C)

极好的耐热性（到 600°C）

Good weathering resistance

极好的耐候性

Good applicability

极好的施工性能

PHYSICAL PROPERTIES

基本数据

Color

颜色

Black

黑色

Volume Solids

体积固体份

45±2%

Flash Point

闪点

Greater than 27°C

27°C以上

VOC

挥发性有机化合物含量

550g/L

550g/L

Film thickness

涂装膜厚

Dry : 20-30 microns/coat

干膜: 20-30 微米/道

Wet :44-67microns/coat

湿膜:44-67 微米/道

Theoretical Coverage

理论涂布率

0.058kg/m²/20microns

0.058 千克/平方米/20 微米

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

Mix thoroughly with power agitator

使用动力工具搅拌均匀

Mixing Ratio

混合比例

One component coating

单组份涂料

Application Methods

Airless spray, air spray, brush and roller



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施工方法

无气喷涂、空气喷涂、刷涂、滚涂

Airless spray 无气喷涂

Nozzle tip 喷嘴尺寸 0.33mm-0.43mm

Nozzle pressure 出口压力 $\geq 10\text{Mpa}$

Thinning ratio 稀释比率 0-5% by weight (重量比)

Brush/Roller 刷涂、滚涂

Thinning ratio 稀释比率 0-5% by weight (重量比)

Thinner

Paint Thinner X

稀释剂

稀释剂 X

Drying time &

Overcoating interval

干燥时间&涂装间隔

Temperature 温度 5°C 20°C 30°C

Surface dry 指触干燥 3hrs 1hr 1hr

Touch dry 半硬干燥 5hrs 3hrs 3hrs

Min. interval 最小涂装间隔 16hrs 12hrs 8hrs

Max. interval 最大涂装间隔

Full cure: must bake in 200°C-250°C for 1hr

完全固化: 必须在 200°C~250°C 烘烤 1 小时

Typical topcoat

适用上涂

THERMO 600 FINISH LF

无铅有机硅耐热面漆 600

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°C)

自生产之日起 12 个月 (25°C)

DISCLAIMER

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