

THERMO 300 FINISH

有机硅耐热面漆 300

PRODUCT DESCRIPTION 产品简介	A heat resisting paint based on modified silicone resin and aluminium powder. 由改性有机硅树脂与铝粉组成的耐热涂料。	
RECOMMENDED USE 用途	For long-term protection of hot pipelines, exhaust pipes, smoke stacks and other hot surfaces at temperatures up to 300°C and 350°C at a short time. 长效保护温度高达300°C（瞬时温度350°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 300°C) 极好的耐热性（达到300°C） Good weathering resistance 良好的耐候性 Good applicability 良好的施工性能	
PHYSICAL PROPERTIES 基本数据		
Color 颜色	Silver 银色	
Finish 光泽	Gloss 有光	
Volume Solids 体积固体份	25%	
VOC 挥发性有机化合物含量	640g/L 640克/升	
Flash Point 闪点	Greater than 9°C 9°C以上	
Film thickness 涂装膜厚	Dry : 20–30 microns/coat 干膜: 20–30微米/道	Wet :80–120microns/coat 湿膜:80–120微米/道
Theoretical Coverage 理论涂布率	12.5m ² /L/20 microns 12.5平方米/升/20 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	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
施工方法

Airless spray, air spray
无气喷涂、空气喷涂

Airless spray 无气喷涂

Nozzle tip	喷嘴尺寸	0.33mm-0.43mm
Nozzle pressure	出口压力	≥10Mpa
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	0-5% by volume (体积比)
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Thinner
稀释剂

Paint Thinner X
稀释剂X

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

Temperature	温度	5℃	20℃	30℃
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℃-250℃ for 1hr
完全固化：必须在200℃~250℃烘烤1小时

Typical undercoat
适用下涂

Thermo 300 Primer, SD Zinc Primer 1500N
有机硅耐热底漆300，无机富锌底漆1500N

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℃）

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