

DECORATIVE & PROTECTIVE PAINTS
PRODUCT DATA SHEET
DR.FERRO HEAT RESISTANT PAINT -Golden



DESCRIPTION

Hydrocarbon resin based, glossy top coat paint containing solvent based metallic pigments.

FEATURES

Provides glossy metallic appearance and adheres to primer applied or bare surfaces. It can resist high temperatures until 180 °C . DR. Ferro Heat Resistant paint is easy to apply and dries fast.

RECOMMENDED APPLICATION FIELDS

It is used on metal componenets like; exhaust pipes, stoves, chimneys, radiators and steam boilers, heat conducting system pipes for protection and decoration purposes.

CHARACTERISTICS

PAINT FILM		AVERAGE DRYING TIMES	
PAINT FILM	Metallic Gold		
BINDER TYPE	Hydrocarbon Resin		
VISCOSITY	15-20 Sn Ford Cup	10° C	25 ° C
SPECIFIC GRAVITY	0,98-0,99 kg/l	Touch Dry	25 min 15 min
SOLID CONTENT(%By Weight)	32-34	Waiting time between layers	1,5 hour 1 hour
SOLID CONTENT(%By Volume)	25-27	Full Cure	16 hour 12 hour
V.O.C	>600 g/l		
FLASH POINT	21° C		
RECOMMENDED FILM THICKNESS	MINIMUM	Drying times can be change on temperature, relative humidity and film thickness.	
WET (micron)	80		
DRY (micron)	20		
CONSUMPTION (m2/l recommended)	15,5		
THEOROTICAL APPLICATION AREA (m2/l) (35 micron dry film)	7,5		
NOTE: It may be needed to apply multiple coats in order to achieve max film thickness with brush or roller applications			
CLEANING METHOD OF APPLICATION TC Xylene, Cellulosic Thinner, Thinner 646			
SHELF LIFE 24 months unopened original box			
STORAGE TEMPERATURE Keep indoors with no direct sunlight between 5 ° C and 35 ° C.			

SURFACE PREPARATION

Clean the surface with wire brush, rubber or sand ejector from rust and substance shells . Stir well before using Make sure the brush is clean and soft. Single coat application should be sufficient. Apply second coat when needed.

Ready to use product. Do not thin.

APPLICATION	APPLICATION CONDITIONS
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Airless Spray
 Pressure.....min(170 bar)
 Nozzle Size.....0.015"-0.021"
 BRUSH
 BRUSH TYPE.....Nylon / Polyester or Natural Bristle Brush
 Air Spray (1.4-1.6 mm Gravity Feed Air Spray Gun)
 Pressure1-8-2,2 bar

Specified Film Thickness, Dry: 20 microns
 Specified Film Thickness, Wet :80 microns
 Waiting time between coats, min: 1 hour 25 ° C; 2 hour 10 ° C

Temperature (air, surface, Product):
 5 ° C minimum, 35 ° C maximum
 At least 3 ° C above dew point
 Relative Humidity: 85% maximum

CERTIFICATES / APPROVALS

ADDITIONAL INFORMATION

RECOMMENDED SYSTEMS	HEALTH AND SAFETY
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Read the Safety Data Sheet before use. CST reserves the right to change the technical document. Contact our technical service department for more information.

WARRANTY

CST guarantees that this product is manufactured in accordance with the standards and without any error. In the event of a proven manufacturing defect, CST will replace the defective product or refund the fee. Under no circumstances, CST does not provide warranties.

Disclaimer

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