

**DECORATIVE & PROTECTIVE PAINTS
 PRODUCT DATA SHEET**



DR.FERRO RAPID PRIMER

DESCRIPTION

Dr Ferro FM.272 is a fast drying, economical alkyd primer reinforced with zinc phosphate with anti-corrosion properties.

FEATURES

It is used as a general purpose primer for the protection of steel in light and medium atmospheric conditions.

RECOMMENDED APPLICATION FIELDS

It is used in primer painting of structural steels, pig iron, machinery, garden furniture and metals such as bench, elevator, iron railing.

CHARACTERISTICS

PAINT FILM		AVERAGE DRYING TIMES	
PAINT FILM	Matt		
BINDER TYPE	Short oil alkyd resin		
VISCOSITY	95-100 KU		
SPECIFIC GRAVITY	1.48-1.51 kg/lit Colors may vary depending on the content	TOUCH DRY	15 °C 25°C
SOLID CONTENT(%By Weight)	74-76		20 min 10 min
SOLID CONTENT(%By Volume)	58-60	Drying times can be change on temperature, relative humidity and film thickness.	
V.O.C	Maximum 380 gr/L		
FLASH POINT	21°C (70°F)		
RECOMMENDED FILM THICKNESS			
	MINIMUM		
WET(MICRON)	70		
DRY(MICRON)	40		
CONSUMPTION m2/L RECOMMENDED	14		
NOTE: In brush and roller applications, it may be necessary to apply multiple coats to achieve maximum film thickness.			
CLEANING METHOD OF APPLICATION	TCXylene, Cellulosic Thinner, Thinner 646		
SHELF LIFE	24 months unopened original box		
STORAGE TEMPERATURE	It is best suited for indoors with no direct sunlight between 5 ° C and 35 ° C		

SURFACE PREPARATION

Remove residues such as oil and grease, etc. with suitable detergent and thinner. Remove salt and other contaminants by high pressure fresh water cleaning. Sa 2 (ISO 8501-1: 2007) abrasive blasting is recommended.

For temporary protection, use a suitable workshop pre-manufacture primer if necessary. Any damage to the workshop pre-production primer, contamination from storage and fabrication must be thoroughly cleaned before final painting.

Iron and Steel Surfaces: SSPC-SP2/ISO8501-1:2007 St2

APPLICATION	APPLICATION CONDITIONS
Airless Spray Pressure.....minimum (170 bar) Nozzle Size.....0.015"-0.021" Thinning.....by volume %10-15 between industrial thinner, Thinner 646	Temperature (air, surface, Product): 5 ° C minimum, 35 ° C maximum At least 3 ° C above dew point Relative Humidity: 85% maximum
BRUSH Brush Type.....Nylon / Polyester or Natural Bristle Brush Thinning.....by volume %5-10 between Xylene, industrial thinner,, Thinner 646	CERTIFICATES / APPROVALS
AIR SPRAYING (with 1.8 mm top hopper spray gun) Pressure.....2,2 bar Thinning.....by volume %15-20 between Xylene, industrial thinner,, Thinner 646	ADDITIONAL INFORMATION
Specified Film Thickness, Dry: 40 microns Specified Film Thickness, Age: 70 microns Wait between layers, min: 45 min 25 ° C; 60 min 10 ° C	

RECOMMENDED SYSTEMS

HEALTH AND SAFETY

Dry Film Thickness (Iron-Steel Surface) mikron	Read the Safety Data Sheet before use. CST reserves the right to change the technical document. Contact our technical service department for more information.
1. FR.272.0000 Dr Ferro Rapid Industrial Unc 80	
2. FM.274.0000 Dr Ferro DTM Special Metall ## C3 L ISO 12944	
The systems listed above are representative of the product's use, other systems may be appropriate.	WARRANTIES
	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

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of CST Kimya A.Ş. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the products herein must be determined exclusively by the Buyer and/or User. Product information are provided "as is" and to the extent permitted by law, without any kind of guarantee, commitment or liability. Except in case of willful misconduct, CST Kimya A.Ş is not liable for damages that are caused by or in connection with the use of this information. In any case, CST Kimya A.Ş is not responsible for and assumes no liability for any indirect, incidental or consequential damages that are caused by or in connection with the use of such content.