



# Product Data Sheet

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For more or latest information please consult DNT.

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### FEATURES:

- Excellent anti-corrosive property.
- Fast drying.
- Excels in adhesion to metals.
- Various top coat be applied because the primer has excellent over coatability.
- Chrome and lead pigments are not contained.

### NAME:

# COSMOREX#300 PRIMER SURFACER

### TYPE:

Modified Alkyd Resin Anti-corrosive Paint which don't contain Chrome and Lead.

### SHIPPING WEIGHT:

20Kg

## SPECIFICATION DATA

PACKAGE	.....	1 Component																
COLOR	.....	Red Iron Oxide, Yellow, Light Gray																
FINISH	.....	Flat																
SPECIFIC GRAVITY @20	.....	Material : 1.25 ± 0.05 Volatiles : 0.87 ± 0.05																
VISCOSITY @25	.....	85 ± 5 Krebs Units																
SOLIDS CONTENT	.....	58 ± 5% - by weight																
DRYING TIME	.....	<table border="0"> <tr> <td></td> <td>@5</td> <td>@20</td> <td>@30</td> </tr> <tr> <td></td> <td>(41° F)</td> <td>(68° F)</td> <td>(86° F)</td> </tr> <tr> <td>To Touch :</td> <td>30</td> <td>10</td> <td>7 (minutes)</td> </tr> <tr> <td>Tack Free :</td> <td>60</td> <td>30</td> <td>20 (minutes)</td> </tr> </table>		@5	@20	@30		(41° F)	(68° F)	(86° F)	To Touch :	30	10	7 (minutes)	Tack Free :	60	30	20 (minutes)
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The recoating times specified in the application instructions.

RECOMMENDED DRY FILM THICKNESS PER COAT ..... 30 ~ 40 Microns

THEORETICAL COVERAGE @35 MICRONS ..... 100g/m<sup>2</sup>

When estimating working coverage, allow for application losses, surface irregularities, etc.

SHELF LIFE @20 ..... 6 Months

The above data indicates the average under normal conditions and may vary slightly depending on the conditions .

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# COSMOREX#300 PRIMER SURFACER

## APPLICATION INSTRUCTIONS

SURFACE PREPARATION	.....	SIS-Sa2 UP																	
APPLICATION METHOD	.....	Air Spray, Airless Spray																	
THINNER REQUIRED	.....	Conventional Paint Thinner																	
DILUTION RATIO	.....	<u>By Air Spray</u> 15 ~ 30%	<u>By Airless Spray</u> 5 ~ 15%																
RECOMMENDED FILM THICKNESS PER COAT	.....	Dry : 30 ~ 40 Microns	30 ~ 40 Microns																
AIRLESS SPRAYING CONDITIONS	.....	Air Pressure to Pump : 4 ~ 5Kg/cm <sup>2</sup> or more Pump Outlet Pressure : 120 ~ 150cm <sup>2</sup> or more Nozzle Tip No. : 163-515 ~ 617																	
COATING INTERVALS	.....		<table border="0"> <tr> <td></td> <td>@5</td> <td>@20</td> <td>@30</td> </tr> <tr> <td></td> <td>(41° F)</td> <td>(68° F)</td> <td>(86° F)</td> </tr> <tr> <td>Min :</td> <td>60</td> <td>40</td> <td>30 (minutes)</td> </tr> <tr> <td>Max :</td> <td>1</td> <td>1</td> <td>1 (months)</td> </tr> </table>		@5	@20	@30		(41° F)	(68° F)	(86° F)	Min :	60	40	30 (minutes)	Max :	1	1	1 (months)
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(Top Coat = Urethane Resin Paint)

## NOTES

1. Thoroughly mix the components into a coating of uniform consistency before application.
2. In principle coat the members in a dry, moderately ventilated, and dust-free indoor environment where temperature of 5 to 35, humidity of less than 80%RH, and wind velocity of less than 1m / sec prevail. (In cases where coating is unavoidable in the environment where temperature is below 5 and humidity more than 80%RH, provide means for forced drying by means of air blowing and heating and for sufficient dehumidification.)
3. For drying after application, allow more than 1hour in a well-ventilated indoor environment when outside air temperature is above 15 and more than 3hours in the case of low temperature and high humidity.
4. After application, wash the painting appliances, such as brush and spray gun. Keep the coatings hop in orderly conditions and periodically clean it. Put a side cloth, masking paper and other materials stained with paint and subject them to disposal (incineration, etc.) on the day of application.

## PROPERTIES

- 1) ADHESION (ASTM D3359 METHOD B) 5
- 2) SALT SPRAY EXPOSURE (ASTM B117)  
PAINT SHALL MEET THE FOLLOWING AFTER 120h OF EXPOSURE  
UNSCRIBED PANELS (ASTM D1654) No. 10

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