

NOBLE OXIDE PRIMER

PRODUCT DESCRIPTION	A general-purpose alkyd based primer loaded with non-toxic and anticorrosive pigments for the protection of steel surfaces against moderate corrosive environments. The product offers good leveling and coverage with excellent adhesion on power tool prepared substrates. It is an economical anticorrosive primer for general-purpose applications.
RECOMMENDED USES	It is recommended for steel structures and surfaces in domestic and mild corrosive environments. It is not suitable for constant water immersion or over coating of zinc primed steel. It has very good hiding power and can hide minor surface imperfections or stains on surfaces. It is used for, only air drying purpose. It can be over coated with Noble Alkyd based paints.

TECHNICAL DATA

COLOUR, DRY FILM	RED - Gray - white
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	54 ± 2%
SPECIFIC GRAVITY	1.50 ± 0.05
THEORETICAL SPREADING	18 - 13.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 - 40 Microns / Coat
RECOMMENDED WFT (WET FILM)	55 - 75 Microns / Coat
FLASH POINT	38°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, Im thickness and number of coats all affect the drying time.)

TOUCH DRY	30 - 45 minutes
DRY TO RECOAT	12 hours
HARD DRY	24 hours

ADVANTAGES

NOBLE OXIDE PRIMER	Excellent adhesion, good coverage and hiding power, non-toxic pigments, anticorrosive property on steel surfaces, hides minor surface imperfections and stains on surfaces, economical.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
CLEANING/THINNING	Noble GP Thinner
THINNER (VOLUME)	5 - 15% depends on method of application
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure: 2000 - 2200 psi
NOZZLE SIZE	0.018" - 0.020"
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	Noble Red Oxide Primer	: 1 coat
	Noble Synthetic Undercoat	: 1 coat
	Noble Synthetic Enamel Gloss I	: 2 coats
	(OR)	
	Noble Synthetic Enamel Gloss II	: 2 coats

NOBLE/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	ISO 11890 - 2	Local Regulatory Requirements
2	Heavy Metals (Mercury, Lead, Cadmium, Hexavalent Chromium / Arsenic, / Antimony)	ISO 3856 / ISO 2590 / ICP - OES	Local Regulatory Requirements
3	TBT / TPT / Halogenated Hydrocarbon / Aromatic Hydrocarbon	ISO 17353 / ASTM D 4457 / ASTM D 3257	Local Regulatory Requirements
4	Formaldehyde	ASTM D 6191	Local Regulatory Requirements



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ADDITIONAL DATA	
SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.

HEALTH & SAFETY	
SAFETY PRECAUTIONS	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water.</p> <p>Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations to be followed.</p>

STORAGE & HANDLING	
STORAGE	<p>Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.</p>

NOTE : We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests.
 We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
 Issued: 0718

