

TECHNICAL DATA SHEET

COSOL Oxide Primers



Revision 3

Last revision:

10/10/2019

We at COSOL strive to supply the highest quality of Oxide Primers. Our products offers the highest durability while being noted as a fast drying paint with excellent adhesion. COSOL Oxide Primers offers good levelling, coverage and adhesion on clean, steel substrate. The colour pigment in COSOL Oxide Primers is an ink based product that have very good UV resistance properties. By using this method we are able to cover a colour range of way more than 1000 colours. At COSOL products we make use of the SABS, RAL, and NCS colour standards to ensure consistency of the chosen colour. At COSOL Products we use a computerised colour mixing system with a colour database of each client. For us at COSOL products it is possible to ensure perfect colour repetition using the latest technology available. Please use the correct PPE and safety measures when using this product in an enclosed environment. COSOL Oxide Primers recommended for steel substrates in domestic and mild corrosive environments.

Product name:	COSOL Oxide Primers
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Product type:	COSOL Oxide Primers is a premium quality Oxide Primer with added Zinc Phosphate. Primer have good corrosion resistance, adhesion and flexibility
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Properties:	A single pack, universal metal filler primer with good anti-corrosive properties
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Application:	A fast drying single pack product for application over pre-cleaned steel. COSOL Oxide Primer is formulated for good adhesion between metal substrates and top coats
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Method:	Brush, roller, spray gun or dipping
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Advantages:	COSOL Oxide Primer can be applied using conventional, airless or electrostatic spray equipment by dipping. Due to the quick drying properties of our Oxide Primer, painted material can be handled quickly after it have been painted, saving time and money. A satin/matt finish can be expected from our Oxide primer. COSOL Oxide primer have excellent self levelling properties with a descent dry fill, build. The added Zinc Phosphate gives high corrosion protection.
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Dilution:	COSOL A-Grade Lacquer Thinners.
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Colour:	Red Oxide, Mid Grey
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Appearance:	Smooth / Satin
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Specific gravity:	Approx 0.8 - 0.9
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Fineness of Grind:	Maximum 15 Hegemen Units
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Product Viscosity:	60 - 75 KU
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Maximum safe temp:	Up to 100 degC 72h after product have been applied
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Drying Time <small>Depending on</small>	To Touch:	To Handle:	To Recoat:	Hard Dry:
<small>temperature, humidity, film thickness and air movement</small>	Within 8 minutes	Within 30 Minutes	Within 6-8 hours	Within 24-48 hours

Vehicle Type:	Modified Alkyd
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Gloss (60 degree):	Average 50% (Satin)
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Dry film thickness:	35-45 microns / coat
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Mass solids:	40-45%
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Rust Inhibitor:	Zinc Phosphate
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Packaging size:	1L/5L/20L/200L
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Theoretical spreading rate:	60-70m ² per 5L, depending on substrate
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Preparation:	Degrease /Sandblast /Wire brush /Sandpaper/ COSOL industrial steel cleaner
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Application:	NIOEC SP-80-02 Specifications to be followed for preparation and application of product
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Thinning Ratio:	18-20s FC4@ 24 degC for spray applications
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Cleaning:	Clean all equipment with A-Grade Lacquer Thinners directly after use
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Recommended system:	COSOL Oxide Primer - 1 Coat
	COSOL QD Enamel - 2 Coats

Every finishing operation is different. Please contact COSOL Products for a client specific solution

Safety Precaution	Protective Gear	First Aid	Storage	Shelf life
* Highly Flammable	* When spraying, always wear proper respiratory equipment and protective clothing	* In case of contact with eyes, irrigate thoroughly with water and seek medical advice	* Store in a cool dry space away from sparks, open flame or heat.	* At least 12 months when stored as directed in undamaged and unopened containers
* Keep away from sources of ignition	* Ensure adequate ventilation when using the product	* Wash splashes from skin using a recognized skin cleaner		
* Keep away from children	* Avoid breathing excessive vapours			
* Avoid contact with eyes.				
* Avoid contact with skin				
* Do not disperse into drains				
* Contains no added lead				

Disclaimer:

We Endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. The Quality Control at COSOL Products ensures that each product that leave our production line is an exceptional standard, however, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest instructions and safety information.



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