

## Technical Data Sheet

### White Sand OXIDE PRIMER

#### Product Description

A primer based on modified Alkyd resin and Iron Oxide pigment. It has a very good anti-corrosive property on steel surfaces and very good adhesion on steel surfaces.

#### RECOMMENDED USE

Recommended to use as a primer coat for exterior and interior applications in mildly corrosive environment on steel and ferrous surfaces.

#### TECHNICAL INFORMATION

Color	Red - Grey
Density:	1.58 at temperature of 25°C, ASTM D-1475.
Viscosity:	90 KU at temperature of 25°C, ASTM D-562.
Solid content:	54 %(by volume . ASTM D-5201.
Spreading Rate:	Theoretical spreading rate: 13.5 m <sup>2</sup> /L at D.F.T. 40 μ.
Hardness:	Pass 4 H Pencil, ASTM D-3363.
Scratch Resistance:	Pass 1 Kg., ASTM D-5178.
Bending:	3 mm diameter, ASTM D-522.
Adhesion:	Pass, ASTM D-3359.
Impact Resistance:	Pass, 1 kg. / 1 meter / 16.3 mm. Diameter, ASTM D-2794.

#### DRYING TIME

Dry to Touch: 1 hr  
Full Dry: 16 hrs.  
Recoating interval (minimum): 16 Hrs.  
All the above results tested according to ASTM D-5895.

#### APPLICATION GUIDE

- Surface must be dry, free from dust, oil, grease, rust and other contaminants prior to application. Sanding is the suitable method to remove the rust from the surface. If surface is too bad and preparation by sanding is not easy then sand blasting is most preferable method to prepare the surface rough and rust free.
- Clean the sanded surface by soft brush or cloth with "Techno Thinner T898" and allow for full dry.
- Apply one coat of "Grey- Red Oxide Prime" at 40 μ D.F.T.

#### THINNER

Recommended Thinner is "Nromal Thinner ".

#### THINNING RATIO

(15-25)% by volume, for spray gun application  
(10-15)% by volume, for roller and brush application  
And depends on application weather conditions

#### PACKING

5 kg US Gallon.  
20kg. Drum.

#### APPLICATION TOOLS

Spray Gun: Recommended Nozzle size: (1.5 - 1.8) mm.  
Roller: Recommended type: soft / smooth.  
Brush: General / Normal type.

#### SHELF LIFE

In sealed container: 12 months in dry, cool and well ventilated place.

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#### White Sand Product Quality

Ensuring the achievement of customers' requirements and conformance to national and international standards, all WHITE SAND products are developed and manufactured under the base of highly quality-oriented Product Development processes, and an independently standardized Quality Management System.

#### Technical Support

WHITE SAND assists its customers and gives site support, consultations, and technical advice on concrete repair, surface preparation and treatment, tile adhesive and tile grout selection, and tile installation techniques.

#### Additional White Sand Products

WHITE SAND produces a wide range of high-quality construction chemicals and specialty products including following product groups:

- Adhesives and Tiling Systems
- Waterproofing and Protective Coating Systems
- Concrete Repair & Restoration Systems
- Finishing & Paints Systems
- Admixtures for Mortar and Concrete
- Surface Treatments and Primers
- Industrial Flooring Systems
- Engineering Grouts and Anchoring Systems
- Resinous Protective Coating and Lining Systems

#### Disclaimer

The information given here is based on the best of our knowledge, good faith, experience and laboratory based results and therefore the results will vary depending on the real time application. Also, the values indicated in this Data Sheet here are subject to  $\pm 10\%$  variance due to multiple factors. The performance of our Product depends on the workmanship/quality of application job at the site. Hence White Sand Company for Industry is not responsible for any sort of claims/disputes arising out of any negative results by using our ranges of products. White Sand Company for Industry is not held responsible for use of this product for applications other than specified and/or adopting any faulty application/curing methodologies. It is the user's responsibility to have through this Technical Data Sheet prior to applying our products and to ensure with White Sand Company for Industry that any product information is still prevailing at the time of application. Also the user must be sure that the product is suitable for the use intended and also applied it as specified while taking care of all precautionary measures. While all the products comply with the properties shown on current technical data sheets/brochures, White Sand Company for Industry does not warrant or guarantee the products' performance as it doesn't have any control over factors adopted during its actual application.



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