

TECHNICAL DATA SHEET - PAINTS

WOCO RED OXIDE METAL PRIMER TDS 173

DESCRIPTION

An alkyd-based primer containing corrosion inhibiting zinc phosphate and suitable for general use on steelwork. It dries to a matt finish and can be overcoated with conventional air drying, white spirit based, oxidizable systems but not with two pack systems, chlorinated rubber or quick drying alkyd finishes.

APPLICATIONS

Woco red oxide primer is supplied at a consistency suitable for brush application and no further thinning is recommended. For airless spray application we recommend up to 10% TH1 can be added. We recommend a tip size of 11-15 thou and a tip pressure of 1700-2000 psi. For conventional spray the primer can be thinned with up to 15% TH1 thinners by volume (approx. 30 seconds Ford no 4 cup). We recommend a pressure of 40-50psi and fluid tip size of 1.4-1.8mm. Care must be taken to ensure that all edges, corners, nuts and bolts are adequately coated. Application should not be carried out when the ambient temperature is below 7°C (45°F) or where the steel temperature is less than 3 Degrees above the dew point. Woco red oxide metal primer can be applied over existing QD air drying systems. Can be applied over aged coatings but for this application we recommend a feasibility trial is carried out first to ensure compatibility. Can be applied to a wire brushed substrate. However, for optimum results blast cleaning to SA 2.5 Swedish standard (second quality BS4232) is recommended. The surface profile should not exceed 100 microns. Grease and oil on the steel should be removed by solvent degreasing prior to blast cleaning. Woco red oxide metal primer can be overcoated with conventional white spirit based oxidisable systems but not with xylene-based products, chlorinated rubbers or twin pack systems.

SIZES

1lt, 2.5lt, 5lt and 20lt drums.

STORAGE

Store in a cool dry place ideally between 5- and 25-degrees c. Avoid frost and direct sunlight

BENEFITS

Woco red oxide metal primer offers the following benefits.
Contains Zinc Phosphate for corrosion protection of the steelwork.
High covering power.
Flash point above 32 degree centigrade.
Can be used where force drying is required (up to 70 degrees centigrade).



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⚙️ SPECIFICATIONS

Theoretical coverage:	11.5-13.0 square metres per litre.
Wet film thickness:	76-87 microns (3.04-3.48 mils).
Dry film thickness:	35-40 microns (1.4-1.60 mils).
Solids by volume:	46%.
Flash point:	>41 degree centigrade.
Thinners:	TH1.

📈 PERFORMANCE LEVELS

Surface dry:	2.0 hours at 20 degree c.
Hard dry:	12 hours at 20 degree c.
Overcoating:	16 hours at 20 degree c.

The information contained herein together with the suggestions for use and application is to the best of our knowledge, true and reliable. Since conditions of application and use are beyond our control, no warranty is expressed or implied in respect of these recommendations or products. Users are recommended to carry out confirmatory tests to check suitability of products for their specific use.

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