

P563 RED OXIDE DIPPING PRIMER

INTRODUCTION

A single pack red oxide metal primer for the protection of iron and steelwork against corrosion. This product has rapid drying properties allowing a large production output with ease of application. Formulated for dip application giving good tank stability and low tank maintenance.

AVAILABILITY

Manufactured to customers order requirements subject to current minimum order size.

PACKAGE SIZES

Supplied in 5 litre lever lid cans, 20 litre pails and 200 litre barrels. Other container sizes can be used to suit customer requirements.

COMPOSITION

Inorganic pigments and extenders with zinc phosphate corrosion inhibitor dispersed in a modified alkyd resin medium and aromatic hydrocarbon solvent.

APPEARANCE WHEN DRY

Red oxide slight sheen.

SHELF LIFE

12 months in original unopened container

SOLIDS BY WEIGHT

57 - 59% Typical

SOLIDS BY VOLUME

38 - 40% Typical

SPECIFIC GRAVITY

1.23 Typical

FLASH POINT

>21°C & ≤55°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

1.5 - 2.0 Poise (ICI Cone & Plate Viscometer @ 25°C.)

SURFACE PREPARATION FOR OPTIMUM PROTECTION

All surfaces should be clean and dry free from rust, millscale oil and grease. Inferior surface preparation will almost certainly result in inferior coating performance.

APPLICATION

Formulated for application by dip or conventional spray.

Dipping - An addition of approximately 10% - 15% 800/002 Thinner will be required to achieve optimum dipping viscosity.

If applied by spray - An addition of approximately 10% 800/002 Thinners will be required to achieve optimum atomisation viscosity.

THEORETICAL COVERAGE

Applied at 10m² per litre will give a DFT of 39μ, corresponding WFT 100μ.

If applied by spray application losses on narrow section and bar may be considerable due to overspray.

DRYING TIMES

Touch dry: 20 minutes at 20°C

Dry for handling: 45 - 60 minutes at 20°C

Hard dry: 2 - 4 hours.

May be force dried at 80°C for up to 20 minutes or equivalent schedule.

OVERCOATING

May be overcoated within 4 hours of initial application or after a minimum of 16 hours drying. Overcoating within 4 - 16 hours drying may lead to interaction between coats.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/002 Thinners.

HEALTH AND SAFETY INFORMATION

This Data Sheet should be read in conjunction with Product Safety Data Sheet P563.

ADDITIONAL INFORMATION

Crosbie Coatings Limited believe that the aforementioned information is to the best of our knowledge correct but no responsibility can be held for conditions of use beyond our control. Should there be any query as to the suitability for use please do not hesitate to contact the Technical Department of Crosbie Coatings Limited.