

# Dekster

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## DATA SHEET

### DEKSTER 501 EPOXY ZINC PHOSPHATE PRIMER

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V1-28/11/2014

#### GENERAL DESCRIPTION

- Dekster 501 is a two-pack zinc phosphate epoxy primer based on a high molecular weight epoxy resin. Used as a primer for steelwork in general, galvanised iron or aluminium. Usually used in combination with an epoxy or polyurethane system.

#### PROPERTIES

- Quick Drying
- Excellent abrasion resistance
- High bond strength
- Good flexibility

#### CHEMICAL RESISTANCE

- Resistant to most dilute acids and alkalis, petroleum products and salt water.

#### SURFACE PREPARATION

- Blast-cleaning to Sa 2 ½. (ISO 850 1-1:1988/SS 05 5900).\* Galvanised areas must be undamaged, degreased and dry.

DEKSTER COATINGS (PTY) LTD REG NO. 2013/106812/07

Vat reg no:4120240140

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#### APPLICATION

- Mix the Base and activator in the proportions given.
- Mechanical slow mixing is preferable.
- Apply by brush, or airless spray.

#### Guiding data airless spray.

- Pressure at nozzle: 15Mpa (kp/cm<sup>2</sup>, 2100psi)
- Nozzle tip : 0.018-0.027" (0.46 – 0.69mm)
- Spray angle : 40 - 80°
- Filter : Check to ensure that filters are clean.
- Thinner : Epoxy Thinners
- The temperature of the substrate should be min. 10°C and min. 3°C above dew point of the air
- Good ventilation is necessary when the paint is used in confined spaces

#### CLEANING EQUIPMENT

- Clean all equipment immediately after use with Water Soluble Brush Cleaner.

#### SAFETY

- This product is highly flammable
- Refer to the relevant 16 point Material Safety Data Sheet

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#### TECHNICAL DATA

<b>COLOUR</b>	: Red
<b>MIXING RATIO</b>	: 4 parts base 1 part activator
<b>VOLUME SOLIDS</b>	: 50%
<b>DENSITY</b>	: 1,3 gm/cm <sup>2</sup>
<b>CONSISTENCY</b>	: Liquid
<b>FINISH</b>	: Matt
<b>POT LIFE</b>	: 4 Hrs @ 25°C
<b>OVERCOATING TIME (Min)</b>	: 2 – 8 hrs
<b>OVERCOATING TIME (Max)</b>	: 7 days
<b>TOUCH DRY</b>	: 1 - 2 Hrs
<b>FULL CURE</b>	: 7 Days
<b>FLASH POINT</b>	: 24°C
<b>AVERAGE SPREAD RATE</b>	: 10 m <sup>2</sup> /ℓ/coat
<b>WET FILM THICKNESS</b>	: 100 µm
<b>DRY FILM THICKNESS</b>	: 40 µm
<b>SHELF LIFE</b>	: 24 months
<b>PACKAGING</b>	: 5 and 20 litres

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.

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