

Dekster

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DATA SHEET

DEKSTER 504 SURFACE TOLERANT EPOXY MASTIC

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VI-28/11/2014

DESCRIPTION

- Dekster 504 is a surface tolerant epoxy coating, filled with micro glass flakes, designed to protect surfaces with minimum preparation. It is a primer and top coat in one, also used to protect concrete and often used as a heavy duty floor coating.

PRINCIPAL CHARACTERISTICS

- Limited yellowing
- UV and weather resistant
- Excellent Corrosion Resistance
- V.O.C. Compliant
- Minimum Surface Preparation to St2
- Grit blasting not essential
- Bonds to:
 - Old Paint
 - Light Rust
 - Galvanised Steel
 - Damp Surfaces
 - Slightly Oily Surfaces
- Easy application by:
 - Brush
 - Roller
 - Spray
- Excellent resistance to:
 - Salt Water
 - Petroleum Products
 - Dilute Acids & Alkalis
- Excellent Abrasion Resistance

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

Vat reg no:4120240140

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SURFACE PREPARATION

- Remove salt contamination with fresh water and Holdtight®102. Mechanically clean to ST2. Sound old coatings may be left on.

HEALTH AND SAFETY

- Please read instructions on container.
- Avoid Skin contact, do not inhale vapours.
- SKIN: Wash well with soap & water.
- EYES: Flush with water & immediately seek medical attention.
- Read 16 point Safety Data Sheet.

TYPICAL PAINT SYSTEM

- APPLICATION BY AIRLESS SPRAY, BRUSH or ROLLER 2 coats of *Dekster 504* @ 150-200 μ DFT/coat.

HOW TO SPECIFY

- All surfaces to be prepared and coated with Dekster 504 in accordance with the manufacturer's instructions.

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TECHNICAL DATA

OPERATING TEMP. RANGE	: -40°C to +80°C
APPLICATION TEMPERATURE	: + 5°C to +40°C
COLOURS	: White,Grey,Red
SOLIDS (% VOLUME)	: 75% +/- 2
SPECIFIC GRAVITY	: 1, 5
VOC	: 240 grams per litre
FLASH POINT	: 35°C +/- 2
FLEXIBILITY	: Good
SPREAD RATE	: 2 coats @ 5m ² /litre/coat (170µ DFT per coat)
MIXING RATIO	: 4:1 (By volume)
INDUCTION TIME	: 10 minutes
POT LIFE	: 2 Hrs @ 20°C
OVERCOATING TIMES	: 15°C - 20 Hrs minimum : 30°C - 6 Hrs minimum
FULL CURE	: 7 Days @ 25°C
CLEANING SOLVENT	: Dekster Epoxy Thinners
STORAGE TEMPERATURE	: +5°C to 25°C
SHELF LIFE	: 24 Months
PACKAGING	: 5 and 20 litres

NOZZLE PRESSURE	: 15 – 20 Mpa
TIP SIZE	: 0,8mm – 1,1mm
SPRAY ANGLE	: 40 – 80°C
FILTER	: Remove all filters

	THEORETICAL SPREAD RATE M ² / L	FILM THICKNESS (MICRONS)	
		Wet	Dry
Range:	5, 0 – 2, 5	200 – 400	150 – 300
Typical :	4,0	250	190

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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