

DATA SHEET

515

CHEMICAL RESISTANT COATING FOR DIESEL & WATER TANKS

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V1-28/11/2014

DESCRIPTION

- 515 is a solvent free epoxy resin used with or without fibreglass reinforcing for the repair and lining of underground fuel storage Balstic tanks.

PROPERTIES

- Good wetting properties
- Quick early strength
- Suitable for polystyrene moulds

CHEMICAL RESISTANCE

- Resist most common aggressive chemicals, petroleum products; dilute acids and alkalis, aliphatic solvents and sea water.

MECHANICAL PROPERTIES

- Tensile strength @ 21 °C: 4.2MPa.
- Compressive strength @ 21 °C: 31.0 MPa.
- Bond strength to grit-blasted steel: 9.0MPa

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INSTRUCTIONS

- **PREPARATION:** Grit-blast to Sa 2½ (ISO 8501-1:1988) if soluble salt levels are above 30mg/m², high pressure wash with Hold tight 102 diluted 50:1 with clean water.
- **MIXING:** Mix the epoxy and activator in the proportions given using a mechanical mixer. Make sure only sufficient quantity is mixed that can be used within 30 minutes.
- **APPLICATION:** Apply 2 or 3 coats by brush; roller or airless spray to achieve minimum 500µ DFT. Subsequent coats should be applied as soon as possible after each coat is sufficiently hard enough to walk on. (Maximum over-coating time 24hrs @ 25°C)
- **CLEANING EQUIPMENT:** Clean equipment immediately after use with Water Soluble Brush Cleaner.

TOXICITY

- Although 515 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional Epoxy systems are adhered to. Refer to the 16 point Material Safety Data Sheet.

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TECHNICAL DATA

COLOUR	: White, grey or green
CONSISTENCY	: Thixotropic Liquid
MIXING RATIO (VOLUME)	: 2 Epoxy : 1 Activator
POT LIFE (500ml @ 25°C)	: 40 Min
TOUCH DRY @ 25°C	: 4-5 Hrs
PRACTICAL CURE	: 24 Hrs
FULL CURE	: 7 Days
AVERAGE SPREAD RATE	: 1m ² /ℓ @ 1mm
SOLVENT CONTENT	: Nil
PACKAGING	: 3, 15 and 60 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.