



Description

Epotec YD 522 is a reactive diluent modified bisphenol A liquid epoxy resin. This resin offers lowest viscosity in this category of product.

Epotec THW 4503 is a water-based curing agent designed specially for use in civil engineering applications such as grouting. In this application epotec THW 4503 gives excellent performance in combination with liquid epoxy resin. Epotec THW 4503 is available as 70% solids in water.

Epotec YD 522 / Epotec THW 4503 offers capability to formulate zero V.O.C. systems for confined areas as well as primers and sealers for concrete wall / floors.

Applications

- Water wipeable tile grouts
- Cement admixtures
- Trowelable floors
- Mortars
- Primer/Sealer for concrete floor

Typical properties *

Epotec YD 522

| | | |
|-------------------------|----------------|--------------|
| Appearance | Visual | Clear liquid |
| Colour | ASTM D 1544-04 | 0.2 G. |
| Epoxy Equivalent weight | ASTM D 1652-04 | 183 g/eq |
| Viscosity @25°C | ASTM D 2196-05 | 580 cP |

Epotec THW 4503

| | | |
|-----------------|----------------|------------------------------------|
| Appearance | Visual | Translucent, medium viscous liquid |
| Colour | ASTM D 1544-04 | 1.0 G |
| Viscosity @25°C | ASTM D 2196-05 | 3,000 cP |
| Non-volatiles | By calculation | 70 % NV |

* = Typical properties are indicated for information only

Typical properties*

Epotec YD 522 / Epotec THW 4503

| | | |
|----------------------------------|--------------|----------|
| Resin : Hardener mixing ratio | pbw | 100:80 |
| *Pot life (150g mix) | TEC-AS-P-111 | 60 min |
| Mix viscosity at 25 °C | | 2,000 cP |
| Thin film set time @25 °C | | 6 hr |

* = Typical properties are indicated for information only

Packing

Epotec YD 522 and Epotec THW 4503 are packed and delivered in 200 lit drums, as a standard pack.
Other packs are available on request.

Storage

Epotec YD 522 and Epotec THW 4503 should be stored in original tightly closed container, in dry and warm conditions. Under these conditions, it has a storage life of at least one year from the date of manufacturing. **It is advised not to allow the product to freeze.**

Handling

Please refer to the MSDS of the individual products for more instructions on safe storage and handling of Epotec YD 522 and Epotec THW 4503.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

For Additional Information, Please Contact:

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