

EPOTEC TH 7308

Description

EPOTEC TH 7308 is a low viscosity, cycloaliphatic amine curing agent. When cured with standard liquid epoxy resins, EPOTEC TH 7308 provides surfaces with excellent chemical resistance, water spot resistance and blush resistance.

Applications

- Self leveling flooring
- High solid / Low VOC coatings
- Tank linings, mortars and grouts

Advantages

- Excellent colour and colour stability
- Good chemical resistance
- Good resistance to amine blush
- Can cure at low temperature and in humid conditions
- Good abrasion resistance

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Very low color liquid
Colour	ASTM-D-1544 (89) TEC-AS-P-006	Gardner	Max. 8.0
Amine value	TEC-AS-C-058	mgKOH/g	230 - 270
Viscosity* @ 25°C	JIS-K-7233 (86)	cPs	400 - 550

* Brookfield viscosity

Typical application properties

Property	Test method	Unit	Specification
Mixing ratio with EPOTEC YD 128 (EEW = 190 g/eq)	-	By Weight	100 : 58
Gel time (100 gm mix) @ 25°C	Techne GT-3 Gelation timer	Minutes	45 - 55
Thin film set time @ 25°C	-	Hours	5.5 - 7

* Brookfield viscosity

Typical performance properties*

Property	Test method	Unit	Specification
Glass transition temperature	ASTM-D-3418 (82)	°C	min 50
Tensile strength	ASTM-D-638 (86)	Kg/cm ²	500 - 600
Tensile elongation	ASTM-D-638 (86)	%	2.5 - 3.0
Flexural strength	ASTM-D-790 (86)	Kg/cm ²	750 - 850
Hardness	ASTM-D-2240 (86)	Shore D	80 - 82

*Sample cured with EPOTEC YD 128 (EEW = 190 g/eq) at 25°C (77°F) for 7 days.

Storage

Store away from excessive heat and humidity, preferably in the original containers kept tightly closed. Under these conditions and at normal temperature, the storage life should be at least on year.

Handling

Please refer to MSDS for safe handling of EPOTEC TH 7308.

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.

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