

DESCRIPTION

As a siloxane-based gemini surfactant, TEGO® Twin 4100 combines substrate wetting and anti-crater effects with some defoaming properties. It is highly compatible and suitable for a wide range of different coatings and applications.

KEY BENEFITS

- universal application
- good effectiveness
- excellent crater prevention and elimination

EFFECT**Substrate wetting****Anti-crater effect****Flow promotion****Defoaming****Reduction of static surface tension****Reduction of dynamic surface tension****SUITABILITY****waterborne****solventborne****2-pack 100%****radiation-curing****pigmented coatings****clear coatings**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Furniture coatings
- Parquet coatings
- Plastic coatings
- General industrial coatings

TECHNICAL DATA

| | |
|------------------------------|----------------------------------|
| active matter content | 100 % |
| appearance | colored slightly hazy liquid |
| chemical description | siloxane-based gemini surfactant |

SOLUBILITY

| | |
|---------------------|------------------------|
| Water | Ethanol |
| ● | ● |
| TPGDA | Acetone |
| ● | ● |
| Butylacetate | Mineral Spirits |
| ● | ● |

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 1.0 %

PROCESSING INSTRUCTIONS

- Addition to the coating as supplied or as a predilution is possible.
- Addition at the let-down stage is recommended.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 60 months from the date of manufacture.

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Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com