Substrate wetting additive

TEGO® Twin 4100

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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