

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



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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