

ANTI-TERRA-U 100

Wetting and dispersing additive for solvent-borne industrial and architectural coatings to stabilize inorganic pigments.

Product data

Composition

Salt of unsaturated polyamine amides and low-molecular acidic polyesters

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	1.01 g/ml
Acid value:	50 mg KOH/g
Amine value:	35 mg KOH/g
Bio-based carbon content (ASTM D6866):	74 %

Storage and transportation

Mix well before use. Separation or turbidity may occur during storage and transportation. Warm to 30–60 °C and mix well.

Applications

Coatings industry

Special features and benefits

By means of steric stabilization, the additive causes the pigments to deflocculate. High gloss can be achieved and color strength is improved thanks to the small particle size of the deflocculated pigments. Furthermore, transparency and hiding power are increased while the viscosity is reduced. This also improves the leveling and allows for a higher level of pigmentation.

Recommended use

Particularly recommended for architectural coatings and protective coating systems if the amount of organic solvents introduced into the formulations is to be as low as possible.

Recommended levels

Amount of additive (as supplied) on pigment:

Inorganic pigments:	0.5–1 %
Titanium dioxide:	0.2–0.5 %
Organic pigments:	1–5 %

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

For optimum performance, the additive must be incorporated into the millbase before addition of pigments.



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This issue replaces all previous versions.