

ANTI-TERRA-250

Controlled flocculating wetting and dispersing additive for aqueous primers, fillers as well as adhesives and sealants to prevent sedimentation of fillers and inorganic pigments. Also suitable for filler slurries.

Product Data

Composition

Solution of an alkylol ammonium salt of a higher molecular weight acidic polymer.

Typical Properties

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

Amine value:	41 mg KOH/g
Acid value:	46 mg KOH/g
Density (20 °C):	1.07 g/ml
Non-volatile matter (10 min., 150 °C):	70 %
Solvents:	Water

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

Separation or turbidity may occur during storage or transportation below 0 °C. Heat to 20 °C and stir.

Applications

Coatings Industry

Special Features and Benefits

The additive acts in aqueous systems by controlled flocculating the pigments. This primarily prevents the flooding/floating and sedimentation of the pigments as well as sagging. Thixotropy is enhanced. The controlled flocculating properties may lead to a slight gloss reduction.

Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>
Protective coating systems	<input checked="" type="checkbox"/>
Automotive OEM coatings	<input type="checkbox"/>
Leather finishes	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended Levels

Additive dosage as supplied on pigment:

Inorganic pigments: 5-10 %
Titanium dioxides: 1.5-3 %
Fillers: 1-1.5 %

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

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

Adhesives & Sealants

Special Features and Benefits

The additive acts in aqueous systems by controlled flocculating the fillers and particles. It reduces the viscosity in filled systems and, at the same time, prevents sedimentation and flooding/floating. Thixotropy is enhanced.

Recommended Use

The additive is recommended for all aqueous adhesives and sealants.

Recommended Levels

Additive dosage as supplied on pigment:

Inorganic pigments: 5-10 %
Titanium dioxides: 1.5-3 %
Fillers: 1-1.5 %

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

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