

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 (68 °F):	8.93 lbs/US gal
Non-volatile matter (10 min., 302 °F):	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 (32 °F). Heat to 20 °C (68 °F) 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

ANTI-TERRA-250

Data Sheet
Issue 01/2013

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.



BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com/additives

ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera. SCONA® is a registered trademark of BYK Kometra. The information and data stated herein, although in no way guaranteed, are based upon tests and reports considered to be reliable and are believed to be accurate. No warranty, either expressed or implied, is made or intended. Use by a customer should be based upon their own investigations and appraisals. Any recommendation should not be construed as an invitation to use a material in infringement of patents.

This issue replaces all previous versions – Printed in the USA