

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

Percentage of renewable
raw materials 64 %

Typical Properties

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

Amine value: 35 mg KOH/g
Acid value : 50 mg KOH/g
Density (68 °F): 8.43 lbs/US gal

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

Mix well before use. Separation or turbidity may occur during storage and transportation. Warm to 30-60 °C (86-140 °F) 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.

ANTI-TERRA-U 100

Data Sheet
Issue 07/2012

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 levels recommended above are purely for orientation purposes. 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