

Hydropalat® WE 3221

general

- silicone surfactant to improve substrate wetting in aqueous systems
- excellent substrate wetting in aqueous industrial, wood, automotive and exterior paints and coatings and printing inks
- strong reduction of surface tension
- no increase of surface slip
- minor impact on inter coat adhesion and recoatability

chemical nature

blend of organically modified polysiloxane (silicone surfactant) with dipropylene glycol monomethyl ether

Properties

physical form

clear colorless, low-viscosity liquid

storage

Hydropalat® WE 3221 should be stored in tightly closed containers and in a cool place.

typical properties

Solid content	~ 45 %
density (DIN 51757)	~ 1.00 g/cm ³
color (Gardener)	max. 2

Application

Hydropalat® WE 3221 shows strong reduction of surface tension in water based systems. Therefore it is highly suitable to improve substrate wetting and to prevent surface defects. It is recommended as an anti-crater additive with good recoatability. Furthermore Hydropalat® WE 3221 can be used in UV-curable formulations to improve flow and leveling.

Based on a short chain organically modified polysiloxane Hydropalat® WE 3221 does not increase surface slip.

recommended concentrations

A dosage of 0.2 – 1.0% (as supplied) calculated on total formulation is recommended.

Contacts worldwide

Asia

BASF East Asia Regional Headquarters Ltd
45/F, Jardine House
No. 1 Connaught Place
Central Hong Kong
China
formulation-additives-asia@basf.com

North America

BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe

BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

South America

BASF S.A
Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

Validity

This Technical Data Sheet is valid for all versions of the Hydropalat WE 3221.

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

www.basf.com/formulation-additives