

Hydropalat® WE 3220

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
- solvent-free

chemical nature

organically modified polysiloxane (silicone surfactant)

Properties

physical form

clear colorless, low-viscosity liquid

storage

Hydropalat® WE 3220 should be stored in tightly closed containers and in a cool place.

typical properties

effective substance	100 %
Solid content	~ 87.5 %
density (DIN 51757)	~ 1.04 g/cm ³
color (Gardener)	max. 2

Application

Hydropalat® WE 3220 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 3220 can be used in UV-curable formulations to improve flow and leveling.

Based on a short chain organically modified polysiloxane Hydropalat® WE 3220 does not increase surface slip.

Hydropalat® WE 3220 is the solvent-free version of Hydropalat® WE 3221.

recommended concentrations

A dosage of 0.1 – 0.5% (as supplied) calculated on total formulation is recommended.

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat WE 3220.

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.

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