

Hydropalat® WE 3221

Product description

- 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
- Low impact on surface slip
- Minor effect on intercoat adhesion and recoatability

Chemical nature

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

Properties

Physical form

Clear liquid

Technical data

(not supply specification)

Solid content	(1h at 120 °C)	42.0 – 48.0 %
Density	DIN 51757 (20 °C)	0.985 – 1.005 g/cm ³
Color	Gardener (20 °C)	≤ 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 has only a minor influence on surface slip..

Recommended concentrations

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

Storage

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

Contacts worldwide

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Validity

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

Safety

When handling this product, 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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