

# Hydropalat<sup>®</sup> WE 3220

## 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
- Solvent-free

## Chemical nature

Organically modified polysiloxane (silicone surfactant)

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## Properties

### Physical form

Clear to slightly hazy liquid

### Technical data

(not supply specification)

Effective substance		100.0 %
Solid content	(1h at 120 °C)	80.0 – 95.0 %
Density	DIN 51757 (20 °C)	1.020 – 1.050 g/cm <sup>3</sup>
Color	Gardener (20 °C)	≤ 2

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## 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 has only a minor influence on 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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## Storage

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

### Contacts worldwide

Asia  
BASF East Asia Regional Headquarters Limited  
36/F, Two Taikoo Place,  
Taikoo Place,  
979 King's Road,  
Quarry Bay, Hong Kong  
[formulation-additives-asia@basf.com](mailto:formulation-additives-asia@basf.com)

North America  
BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@basf.com)

Europe  
BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
[formulation-additives-europe@basf.com](mailto: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](mailto:formulation-additives-south-america@basf.com)

### Validity

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

### 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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