

# Hydropalat® WE 3500



## general

Surface leveling and substrate wetting agent

Hydropalat® WE 3500 shows excellent surface leveling and substrate wetting while avoiding side effects like cratering, foam stabilization or effects on intercoat adhesion.

Hydropalat® WE 3500 is recommended for high-end waterbased Industrial coatings applications.

- Excellent surface leveling
- Excellent substrate wetting
- Anti-cratering
- Low foam stabilization
- Excellent intercoat adhesion

## chemical nature

fluorocarbon-modified polyacrylate neutralized with dimethyl ethanolamine (DMEA) and dissolved in water

## Properties

### physical form

Clear to slightly hazy, yellowish liquid

### shelf life

The product should be protected from frost and stored in a cool dry place (0 C-45°C [32 F-113°F]). When kept in original unopened containers, it will keep up to 4 years.

### typical properties (no supply specification)

|                        |                              |
|------------------------|------------------------------|
| active ingredients     | ~ 60%                        |
| solvent                | water                        |
| density at 20°C (68°F) | ~ 1.05 g/cm <sup>3</sup>     |
| refractive index       | ~ 1.430                      |
| acid value             | 80–100 mg KOH/g              |
| flash point            | > 110°C (230°F)              |
| neutralizing agent     | dimethyl ethanolamine (DMEA) |
| color                  | ≤ 5                          |

## Application

Hydropalat® WE 3500 is recommended for use in all kinds of water-based coatings with a pH value > 7.6.

### recommended concentrations

0.1–0.75% on total formulation

Hydropalat® WE 3500 should be added at the end of the batch preparation.

**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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BASF SE  
Formulation Additives  
67056 Ludwigshafen, Germany  
[www.dispersions-pigments.basf.com](http://www.dispersions-pigments.basf.com)  
[formulation-additives-asia@basf.com](mailto:formulation-additives-asia@basf.com)  
[formulation-additives-europe@basf.com](mailto:formulation-additives-europe@basf.com)  
[formulation-additives-nafta@basf.com](mailto:formulation-additives-nafta@basf.com)  
[formulation-additives-south-america@basf.com](mailto:formulation-additives-south-america@basf.com)