

# Hydropalat® WE 3486

## general

wetting agent

- highly effective, concentrated wetting agent for aqueous formulations
- strong reduction of surface tension
- highly dynamic substrate wetting
- very easy to handle
- does not contain flammable co-solvents

## chemical nature

anionic compound

## Properties

### physical form

low viscosity, slightly opaque liquid

### storage

Hydropalat® WE 3486 should be stored in a cool dry place.

### typical properties (no supply specification)

flash point	>100 °C
solid content	~ 86%
density at 20 °C (68 °F)	~ 1.15 g/cm <sup>3</sup>

## Application

Hydropalat® WE 3486 is a highly dynamic wetting agent for aqueous coatings, printing inks, over print varnishes and related systems. Due to its excellent wetting properties it is particularly suitable for difficult-to-wet substrates such as plastics and metal surfaces, cellulose film, aluminum and plastic foils, silicone treated papers or glass. Hydropalat® WE 3486 can be used to optimize the compatibility (color acceptance) of aqueous pigment concentrates in different coatings. It can be incorporated either into the pigment concentrate or directly into the base paint. It can also be used as "post additive".

### recommended concentrations

0.1 - 1.0% active substance on finished coatings  
 1.0 – 5.0% in over print varnishes (OPV)  
 1.0 – 5.0% in pigment concentrates

The exact dosage should be determined by appropriate tests. Hydropalat® WE 3486 may be incorporated at any stage of the manufacturing process. To ensure optimal incorporation it is advisable to add it after grinding by stirring vigorously.

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**Validity**

This Technical Data Sheet is valid for all versions of the Hydropalat WE 3486.

**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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