

Hydropalat® WE 3105

Product description	Wetting and dispersing agent for aqueous systems, specifically for solvent -free and resin-free pigment pastes
Key benefits	<ul style="list-style-type: none"> ■ Excellent suited as wetting and dispersing agent for aqueous, resin-free and solvent-free pastes ■ Designed to formulate universal-pigment pastes with an excellent compatibility in aqueous and non-aqueous paint systems
Chemical nature	Alkylalcokylate

Properties

Physical form	Yellowish to reddish liquid
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Technical data (not supply specification)	Density	at 23 °C	~ 1.04 g/cm ³
	Brookfield viscosity	at 25 °C	~ 200 mPa.s
	Active substance		>= 99 %

Application

Hydropalat® WE 3105 should be used at the grinding stage to achieve optimum dispersing effect. Typical dosages calculated on active substance are:

Formulation guideline

inorganic pigments	2 – 8 %
organic pigments	10 – 30 %
carbon black	20 – 80 %

In case of inorganic pigments it is recommended to use an anionic pigment dispersant like our Dispex® Ultra FA 4483.

Hydropalat® WE 3105 is also suited as co-dispersant or to optimization of color acceptance. In these cases the amount required is between 0.2 – 1.0 % calculated on base paint or 1 – 5 % calculated on the pigment paste.

Storage

Hydropalat® WE 3105 maintains stability for a period of 2 years, if stored in its original sealed containers, under room temperature, in a dry and airy place.

To avoid the effect of viscosity increase, it is recommended to store Hydropalat® WE 3105 at temperatures above 23°C. Any solidification may be reverted by slight heating.

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Validity

This Technical Data Sheet is valid for all versions of the Hydropalat® WE 3105

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.