

Dispex[®] Ultra FA 4437

(old: HYDROPALAT[®] 3037)



The Chemical Company

general

silicone-free surface active flow additive and color acceptance improver for aqueous systems based on emulsions and aqueous resins.

due to its good wetting properties Dispex[®] Ultra FA 4437 ensures better wetting of difficult-to-wet substrates. The emulsifying effect of this product also prevents surface defects such as craters, fisheyes, pinholes and streaks caused by incompatible components. Furthermore, Dispex[®] Ultra FA 4437 has a strong affinity to pigment surfaces thereby reducing color acceptance problems. We have not observed any influence of Dispex[®] Ultra FA 4437 on intercoat adhesion.

chemical nature

modified natural oil

Properties

physical form

yellowish, slightly cloudy, fluid to waxy

shelf life

subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 2 years.

typical properties (no supply specification)

density at 70° C (158 °F)	~ 1.025 mPa · s
hydroxyl value	~ 78.5 KOH/g
saponification value	~ 60
pH (5%)	~ 7,5
water content	~ 0.15%

Application

aqueous systems based on emulsions and aqueous resins.

recommended concentrations

the additive can be added either prior to grinding the pigments or afterwards to the finished paint. However, in case of color acceptance problems grinding with the pigments is preferable in order to ensure optimum efficiency. 0.1 - 1.0%, calculated on total paint.

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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BASF SE
Formulation Additives
67056 Ludwigshafen, Germany
www.dispersions-pigments.basf.com
formulation-additives-europe@basf.com
formulation-additives-asia@basf.com
formulation-additives-nafta@basf.com
formulation-additives-south-america@basf.com