

OPTIFLO M2600-VF

VOC-free Associative Thickener

Product Data

Special Features and Benefits

OPTIFLO M2600-VF is a non-ionic, hydrophobic modified polymer designed especially for thickening of emulsion paints and aqueous coatings systems. OPTIFLO M2600-VF is used in various emulsions such as styrene acrylates, pure acrylates, polyvinyl acetates, PU-dispersions, and others, as well as in alkyd and epoxy emulsions.

The use of OPTIFLO M2600-VF

- adds no VOC-solvents to the paint
- improves the resistance against blistering
- raises apparent viscosity significantly
- gives excellent flow and levelling
- provides higher layer thickness in one pass
- reduces spattering during application

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Polymer [%]: approx. 40.0 + 2
pH-value: approx. 8.0 + 1
Appearance: slightly cloudy liquid
Solvent [%] (water): approx. 60

Incorporation and Processing Instructions

We recommend the direct incorporation of undiluted OPTIFLO M2600-VF into the paint. To secure easy pumpability and pourability of OPTIFLO M2600-VF, it is recommended to keep the product temperature above 10 °C during handling.

Recommended Levels

Depending on the desired rheological properties and the formulation of the paint, 0.2-0.8 % OPTIFLO M2600-VF is added as supplied. For paint systems with very low solids content and/or dispersion content, a higher quantity may have to be added; formulations for semi-gloss and high gloss systems containing a high share of binders generally require only the recommended minimum quantity of OPTIFLO M2600-VF. A combination with other thickeners is possible. In very few cases, wetting agents - used for improving the acceptance of tinting pastes in the system - were observed to have a negative influence on the thickening effect of OPTIFLO M2600-VF. For this reason, these wetting agents should be tested accordingly.

Storage and Transportation

12 months if stored in unopened, uncontaminated containers at temperature not below 5 °C and not above 35 °C

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