

Loxanol[®] OT 5853



general

Loxanol[®] OT 5853 is an additive to prolong the 'open time' and workability of latex-based plasters for exterior insulation and finishing systems (EIFS) with high active content and improved storage stability.

chemical nature

Aqueous dispersion of oleochemical compounds

Properties

physical form

White viscous liquid

shelf life

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year.

typical properties (no supply specification)

viscosity	1000 mPas
active ingredients	~ 30%
density at 25 °C	~ 0.95 g/cm ³
Solubility with water	miscible

Application

Loxanol[®] OT 5853 is a highly effective additive based on straight long chain alcohols. It prolongs the 'open time' and often provides elastification whereby cracks in plaster are avoided to a large extent. The extent to which the 'open time' may be prolonged by means of Loxanol[®] OT 5853 depends largely on the type of polymer emulsion involved. Tests have shown that styrene acrylic emulsions require a higher dosage of Loxanol[®] OT 5853 than vinyl acetate copolymers.

recommended concentrations

Loxanol[®] OT 5853 is a liquid which can be incorporated without problems at any stage of the manufacturing process.

The quantity of use is 0.2 – 2.0 % whereas the exact quantity required depends on the type of polymer emulsion used. It is recommended to begin the tests with 0.2 % and to increase this amount until the desired effect is obtained. The additive should be incorporated together with the binder.

storage

Longer storage at low temperatures causes an increase of viscosity. Prevent from frost.

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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