

Loxanol[®] OT 5853

Product description 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.

- Key benefits**
- Highly effective additive to prolong the 'open time' and workability of latex-based plasters
 - Especially suitable for exterior insulation and finishing systems (EIFS)
 - Significantly improved storage stability

Chemical nature Aqueous dispersion of oleochemical compounds

Properties

Physical form White viscous liquid

Technical data (no supply specification)	Viscosity		~ 1000 mPa·s
	Solids content	microwave-IR oven, ISO 3251	~ 30 %
	Density	at 25 °C	~ 0.97 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 plasters are avoided to a large extent. The extent to which the 'open time' may be prolonged 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.

Formulation guideline 0.2 – 2.0 % calculated on total formulation

The exact dosage depends on the type of polymer emulsion used. It is recommended to begin laboratory tests with 0.2 % and to increase the dosage until the desired effects are obtained.

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

Storage

Keep container tightly closed and in a cool place.
We recommend to store the product above 15 °C. Repeated storage at lower temperatures might lead to an increase in viscosity without affecting the technical performance.
Prevent from freezing temperatures.

Contacts worldwide

Asia
BASF East Asia Regional Headquarters Ltd
45/F, Jardine House
No. 1 Connaught Place
Central Hong Kong
China
formulation-additives-asia@basf.com

North America
BASF Corporation
11501 Steele Creek Road
Charlotte, NC 28273
USA
formulation-additives-nafta@basf.com

Europe
BASF SE
Formulation Additives
67056 Ludwigshafen
Germany
formulation-additives-europe@basf.com

South America
BASF S.A
Rochaverá - Crystal Tower
Av. das Nações Unidas, 14.171
Morumbi - São Paulo-SP
Brazil
formulation-additives-south-america@basf.com

Validity

This Technical Data Sheet is valid for all versions of the Loxanol® OT 5853.

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.

® = Registered trademark

™ = Trademark of the BASF Group, unless otherwise noted

www.basf.com/formulation-additives