

# Loxanol<sup>®</sup> OT 5843

(old: LOXANOL<sup>®</sup> 842 DP-3)



## general

Loxanol<sup>®</sup> OT 5843 is a paste-like storage-stable additive used to prolong the 'open time' of latex-based exterior insulation and finishing systems (EIFS) with high active agent content.

- storage stable drying retarder
- provides elastification and avoids cracks in plaster to a large extent
- prolongs the 'open time' of latex decorative masonry finishes
- moderately hydrophobizing as positive side effect
- easy incorporation at any stage of the manufacturing process

## chemical nature

aqueous emulsion of fatty alcohols

## Properties

### physical form

white, viscous paste

### shelf life

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 6 months

### typical properties (no supply specification)

|                            |                               |
|----------------------------|-------------------------------|
| density at 60 °C (140 ° F) | 0.92 – 0.99 g/cm <sup>3</sup> |
| solid content              | 30 - 34%                      |
| solubility                 | miscible                      |

## Application

Loxanol<sup>®</sup> OT 5843 is a highly effective additive based on a straight chain fatty 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<sup>®</sup> OT 5843 depends largely on the type of polymer emulsion involved. Tests have shown that styrene acrylic emulsions required a higher dosage of Loxanol<sup>®</sup> OT 5843 than vinyl acetate copolymers.

### recommended concentrations

Loxanol<sup>®</sup> OT 5843 is a paste which can be incorporated without problems at any stage of the manufacturing process. However, it is also possible to pre-dilute the paste with water to obtain a lower viscosity.

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.

**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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