

FoamStar[®] ED 2523

General

Universal, polymer-emulsion defoamer enhanced with small amount of modified PDMS.

FoamStar[®] ED 2523 is an excellent defoamer for many flat to semi-gloss aqueous coatings:

- excellent foam suppression during grinding as well as application
- retains antifoam efficiency during extended storage of paint
- easy to incorporate without requiring strong shear forces
- highly compatible, maintains gloss, no fogging

FoamStar[®] ED 2523 is VOC-free according to EU Directive 2004/42/EC and EPA Method 24 (USA) and has a very low semi-volatile organic compound content.

chemical nature

Polymer emulsion with small amounts of modified PDMS

Properties

physical form

White liquid

shelf life

When stored under the usual appropriate storage conditions, the product can be stored for 12 months.

typical properties (not supply specification)

solids content	~ 27.5%
density at 25 °C (77 °F)	~ 1.00 g/cm ³
Brookfield viscosity at 23 °C (73 °F)	~ 2.000 mPa.s

Application

FoamStar[®] ED 2523 suitable for manufacturing of many kinds of water-based architectural paints. It is especially recommended for high-PVC systems based on acrylic, styrene-acrylic, vinyl/VeoVa^{TM1} and vinyl-acrylic emulsions.

recommended concentrations

The amount of defoamer used is usually 0.2 – 0.6% calculated on the total formulation, can be increased up to 1.0%.

Due to its chemical nature, FoamStar[®] ED 2523 is easy to incorporate at any stage of the paint making process. Anyhow, it is best to add it during the grind step in order to achieve perfect incorporation of the defoamer into the system.

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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.

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