

ADDEX-DF 2027

Defoamer and Air Release Additive (Silicone-Based)

Defoamer and air release additive, based on silicone and polymers, with high effectiveness for solvent-borne and solvent-free coatings, adhesives, and sealants. Particularly recommended for epoxy resin systems (e.g., flooring and internal pipe coating for pipelines) and polyurethanes. The additive ensures rapid de-aeration of solvent-free epoxy and polyurethane compounds, enabling the production of foam- and blister-free coatings. It also acts as a leveling agent, promoting a smooth surface finish.

Product Data

Composition:

Synergistic blend of polysiloxanes and foam-destroying polymers

Typical Properties:

Note: The information provided herein is intended for guidance only and should not be used to establish specifications. Minor variations do not affect the product's performance or application.

Physical Form:	Clear liquid
Color:	Colorless
Active Content:	15%
Solvents:	Hydrocarbon mixture

Applications

Applications > Recommended for > Particularly Recommended:

Coatings > Solvent-based systems
> Solvent-borne coating systems, particularly epoxy and polyurethane resin systems

Recommended Dosage:

Note: The additive performance depends on the specific formulation, and optimal levels must be validated through a series of laboratory tests at varying dosages, temperatures, and times.

Based on total formulation weight:	0.3-1.5%
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Special Feature:

High efficiency at low addition levels, with excellent self-leveling characteristics.

Incorporation and Processing Instructions:

The defoamer can be easily incorporated without the need for a separate dispersing step. It is suitable for use in both the mill base and the let-down stages.

Storage and Transportation:

Separation or turbidity may occur at low temperatures. In such cases, gently heat to 30–40 °C and stir until completely uniform. The minimum shelf life in closed containers is 12 months from the date of manufacture.