



DOWSIL™ 108F LV ADDITIVE FOR FOAM CONTROL IN COATINGS AND INKS

Enhancing finish quality by managing foam effectively

DOWSIL™ 108F LV Additive for Foam Control in Coatings and Inks

DOWSIL™ 108F LV Additive for Excellent Foam Control in Low- to Medium-PVC Water-Based Coatings and Inks

■ Advantages

- Optimized foam control and compatibility
- Maintains good surface appearance
- Effective at low use levels
- Easy to use
- Cyclics (D4, D5, D6) concentration below 0.1%, no APEO intentionally added



Foam Generation Challenge

Foam formation during production and application of waterborne systems causes defects and quality issues.



Efficient Defoaming Solution

DOWSIL™ 108F LV Additive provides highly efficient foam control for waterborne coatings and inks.



Ease of Use and Compatibility

The siloxane-based emulsion is compatible with many systems and easy to dose in diluted form.



Safer materials

Cyclics (D4, D5, D6) concentration below 0.1% to meet stringent regulations



TYPICAL PROPERTIES

DOWSIL™ 108F LV Additive

Silicone based antifoam emulsion, 22,5% active

Test	Unit	DOWSIL™ 108F
Appearance		White liquid
Viscosity at 25 °C (77 °F)	mPa	1600
Diluent		Water
pH		6,0

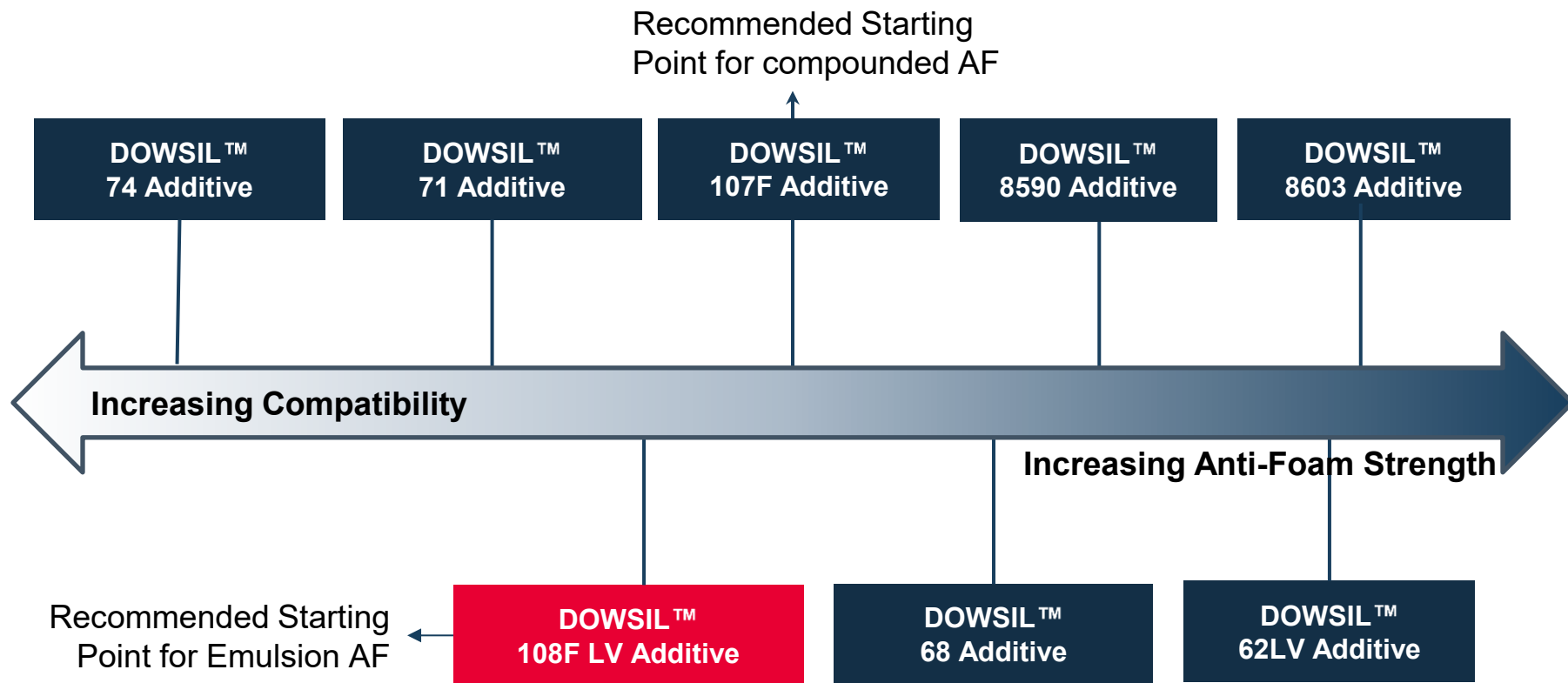
Diluted delivery form for easy dosing and use.

The recommended addition level of DOWSIL™ 108F LV Additive is 0.1% to 1% as received to total coating formulation.

*The graphic representations are presented here for illustrative purposes only and should not be construed as product specifications.



Defoamer Selection Guide | relative ratings



PERFORMANCE COMPARISON TO DOWSIL™ 108F ADDITIVE

Additive dosage: 0.5%.

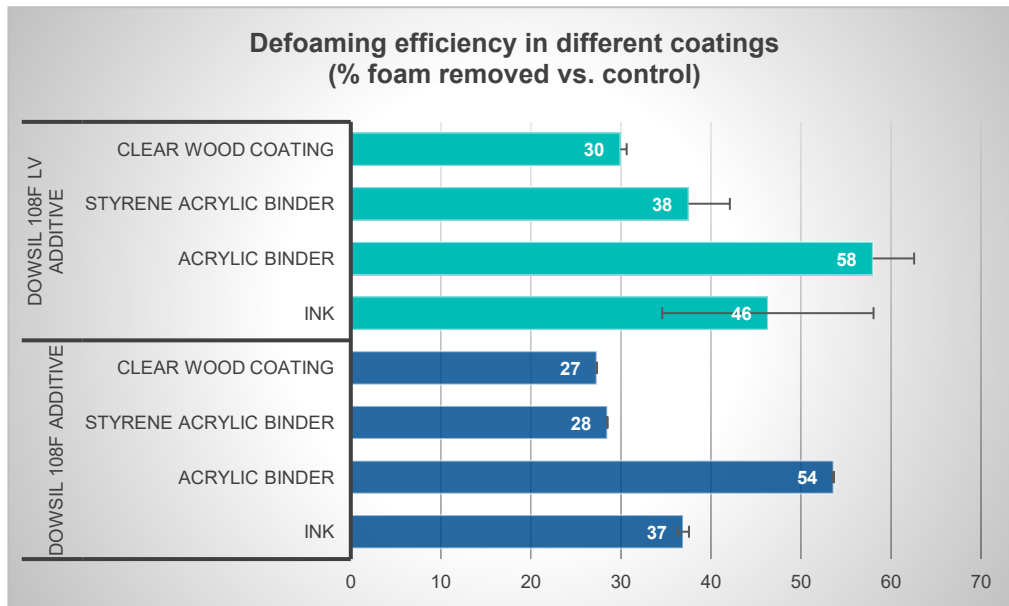
Clear WB wood coating based on PRIMAL™ SF-016 ER Acrylic Emulsion.

Ink formulation based on JONCRYL ECO 2124.

DOWSIL™ 108F LV Additive shows comparable to better defoaming efficiency to standard grade DOWSIL™ 108F Additive in different systems.

Foaming efficiency test by difference of density before and after mechanical mixing at 2500rpm for one minute.

Efficiency expressed as a percentage of density maintained vs. control.



These are typical properties not to be construed as specifications. Tested formulations available upon demand.



CONCLUSION

Reliable Foam Control

DOWSIL™ 108F LV Additive provides consistent and effective foam control for coatings and inks applications.

Safer Materials

The low cyclics levels enables the product to be used under stringent regulatory regulations.

Versatile Product Options

DOWSIL™ 108F LV Additive can deliver excellent results in a wide variety of waterborne paint and ink systems.





THANK YOU



Seek

Together™

Handling precautions Before using any product mentioned herein, consult the product's Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage. CAUTION! Keep combustible and/or flammable products and their vapors away from heat, sparks, flames and other sources of ignition including static discharge. Processing or operating at temperatures near or above product flashpoint may pose a fire hazard. Use appropriate grounding and bonding techniques to manage static discharge hazards. CAUTION! Failure to maintain proper volume level when using immersion heaters can expose tank and solution to excessive heat resulting in a possible combustion hazard, particularly when plastic tanks are used.

Product stewardship Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

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