FoamStar® ST 2438

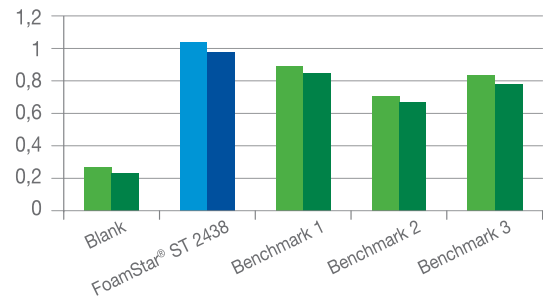
(Old: FoamStar® A38)

BASF
We create chemistry

High performance star-polymer based defoamer for waterbased paints and coatings

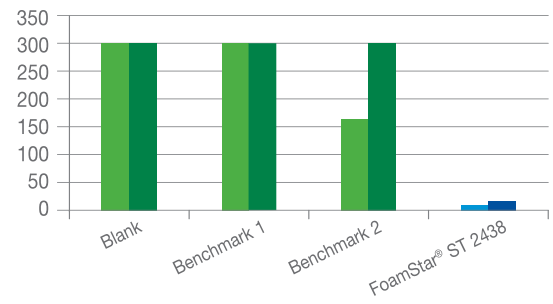
FoamStar® ST 2438 is a 100% active defoamer compound combining a hyper-branched Star polymer with high-end organo-silicones to deliver fast foam knock down with very high efficiency. The patented defoamer technology works effectively against microfoam. FoamStar® ST 2438 is recommended for difficult to defoam high gloss paints and is effective in deep and clear / neutral / accent tint bases, especially where high colorant loading (5 - 13%) is employed.

High gloss industrial paint based an acrylic latex



FoamStar® ST 2438 at 0.3% in paint has the highest density or the lowest foam of the all the defoamers tested.

Bubble break time – High gloss architectural paint based on 100% acrylic latex



FoamStar® ST 2438 at 0.25% in paint has fastest bubble break time compared to current organo-silicone defoamer benchmarks that exceed 300 seconds

Performance Highlights

- Fast and efficient foam knock-down in low–mid PVC paints, deep tint bases
- Easy to incorporate
- Good compatibility
- No haze, no fogging
- Excellent long term persistency
- Effective against microfoam

Sustainability Highlights

- VOC-free acc. to EU 2004/42[1]
- ~ 2% VOC acc. US-EPA Method 24
- Low odor
- Designed to be used in paints with pro-environmental labeling (Blue Angel, Ecolabel, German TÜV, Green Seal)

FoamStar® ST 2438: Characteristic Values

Property	Value
Appearance	Light yellow clear to slightly hazy liquid
Active Content	~ 100%
Density	~ 0.97 g/cm^3
Dispersibility [10% in water]	Non-dispersible

[1] VOC content <0,1% acc. to EU 2004/42 (b.p. >250°C)

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