

TEGO® Airex 946: the new deaerator for solvent-free 2-pack epoxy floor coatings



With the elevated demand of warehouses, airports, hospitals or car parks, floor coating producers need to develop formulations that combine performance and match sustainability and energy efficiency standards. To support this demand, Evonik introduces TEGO® Airex 946, a novel deaerator for solvent-free epoxy floor coatings, providing efficiency and compatibility in alignment with regulatory compliances.

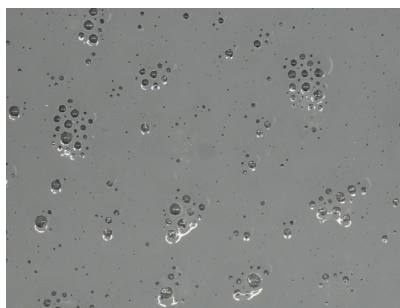
TEGO® Airex 946 provides excellent deaeration without compromising surface appearance

Several deaerators were evaluated in a 2-pack solvent-free epoxy floor coating at very low dosage. The formulation is based on an epoxy resin and the Evonik curing agent ANQUAMINE® 2519.

TEGO® Airex 946 eliminates both macrofoam and microfoam and provides a defect-free surface compared to the standard siloxane deaerator.

MAIN BENEFITS:

- Excellent performance in 2-pack epoxy floor coatings
- Can be used in EU Ecolabel-compliant formulations, contains no solvents & silicone, very low VOC, AgBB compliant
- Easy to handle with low viscosity, even at low temperature
- Causes no oily film after curing and ensures a quick recoatability without a cleaning step



No deaerator



0.2% TEGO® Airex 946

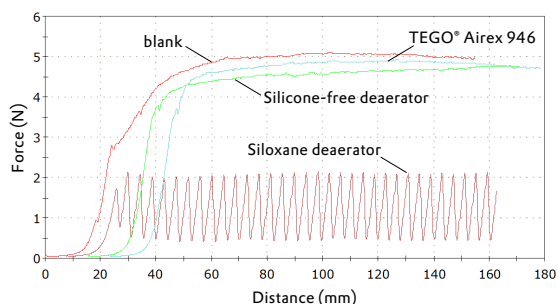


0.2% standard siloxane deaerator



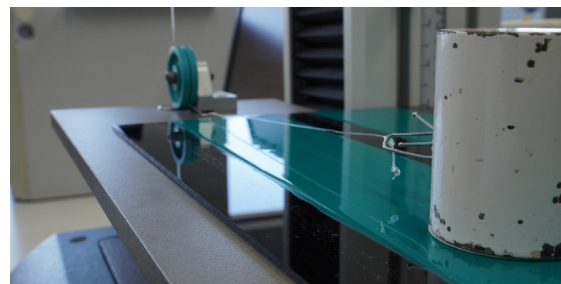
Click or scan the QR-code for more information!

TEGO® Airex 946 allows to reach very low to no surface slip properties compared to siloxane containing deaerators



Slip property measuring equipment

Test description: Measurement of the force to drag a weight over the coatings surface



TEGO® Airex 946 combines very good efficiency with film clarity in a 2-pack epoxy clear coat

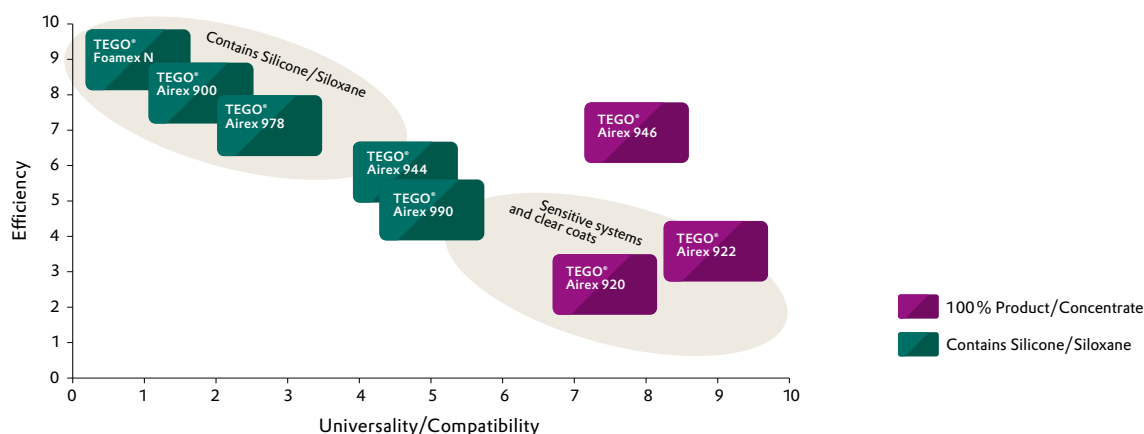


No deaerator



0.5% TEGO® Airex 946

Overall positioning of the Evonik's deaerators for pigmented and clear floor coating systems:



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