

BYK-1748

Silicone- and VOC-free, 100 % polymeric defoamer for epoxy resin-based, clear thick layer systems

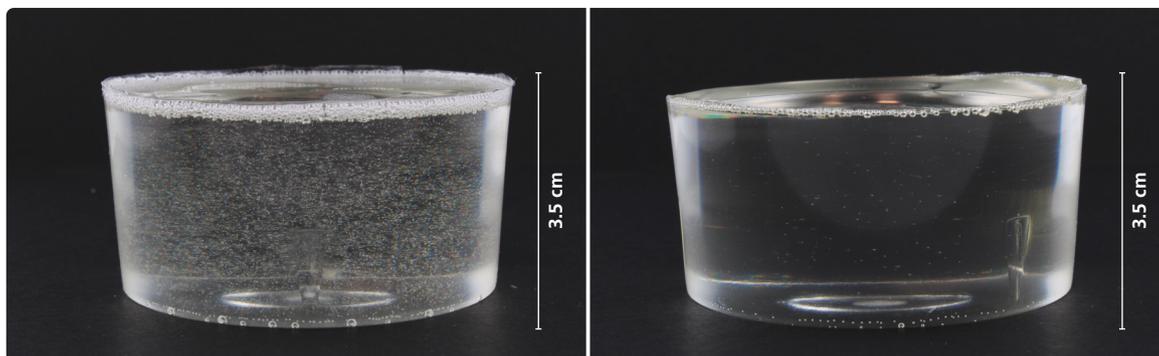
Thick layer systems, in particular solvent-free systems, require the use of highly effective additives. Ensuring good defoaming even at high film thicknesses requires powerful products that can cause turbidity in clear systems.

BYK-1748 is a new, silicone-free polymeric defoamer that has been specially developed for clear, high-build, and solvent-free 2-pack epoxy resin systems. Despite its particular efficiency, it does not cause turbidity or cratering.

With the use of BYK-1748, excellent transparency can be achieved, even at very high film thicknesses.

BYK-1748 is a 100 % additive that largely consists of bio-based raw materials and is VOC- and APEO-free.

BYK-1748 – The ideal solution, even for very high layer thicknesses



Without additive

With BYK-1748

Test system: Solvent-free, clear 2-pack epoxy resin coating

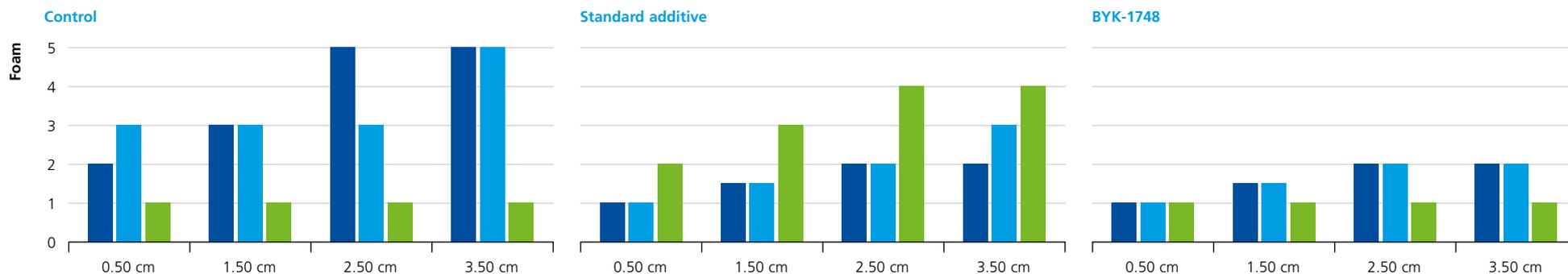
Additive dosage: 0.1 % additive (as supplied) based on the total formulation

Benefits

- Excellent defoaming of epoxy resin-based thick layer systems
- High transparency in clear applications
- Does not affect the surface properties
- High level of effectiveness, even at low dosage
- Very good storage stability
- Silicone-free

- 100 % active substance
- High proportion of bio-based raw materials
- VOC- (< 1500 ppm) and APEO-free
- Label-free

BYK-1748 – Very good defoaming and excellent transparency at high film thicknesses



● Micro foam ● Macro foam ● Transparency

Test system: Solvent-free, clear 2-pack epoxy resin coating

Additive dosage: 0.1% additive (as supplied) based on the total formulation

Key: 1 = very good, 5 = inadequate



Technical properties

- Density (20 °C): 0.89 g/ml
- Non-volatile matter (10 min, 150 °C): 100 %
- Flash point: > 100 °C
- Bio-based carbon content (ASTM D6866): 73 %

Area of application

- Floor coatings

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