

## BYK-1765

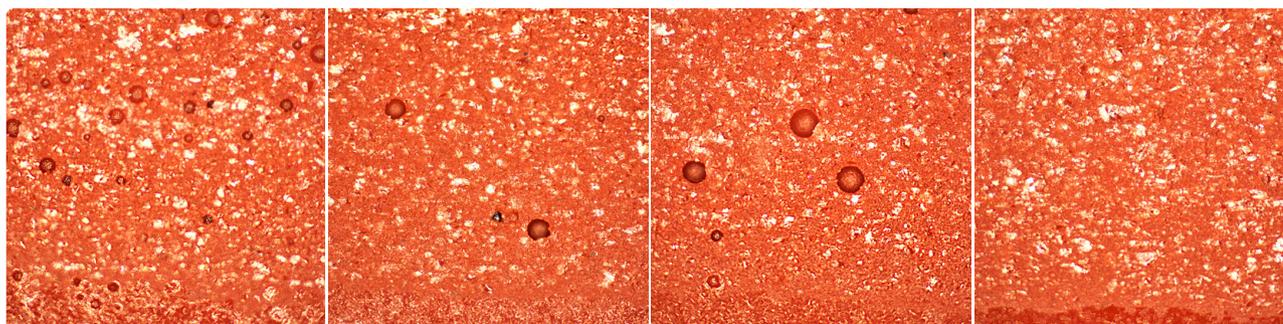
### Solvent- and silicone-free defoamer for high-solid and solvent-free epoxy systems

The combination of high viscosity, low solvent content and high film thickness that can be seen in epoxy systems in protective and floor coatings, poses a particular challenge for the defoaming of such systems.

Insufficient defoaming affects not only the optical properties, but also the functionality of coatings, e.g. corrosion resistance.

The polymer defoamer BYK-1765 was therefore especially developed for the special requirements in high-solid and solvent-free epoxy systems.

#### Microscope image of the coating cross section: Defoaming of the entire film



Control

Silicone defoamer

Polymer defoamer

BYK-1765

**Test system:** 2-pack high-solid epoxy primer

**Additive dosage:** 1 % additive as supplied on component A

### Benefits

- Excellent defoaming in high film thicknesses
- Improved surface appearance
- Silicone-, fluor- and solvent-free

### Areas of application

#### Especially recommended:

- Marine and protective coatings
- Floor coatings

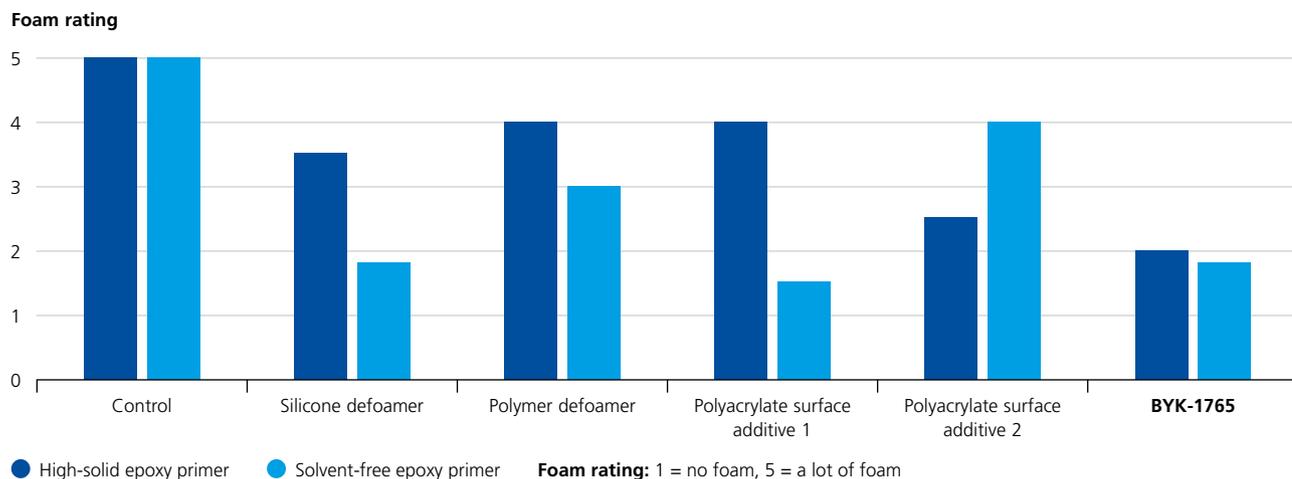
#### Recommended:

- General industrial coatings
- Adhesives and sealants

#### Technical properties:

- Polyacrylate
- Density (20 °C): 0.99 g/ml
- Flash point: 100 °C
- Active substance: 100 %

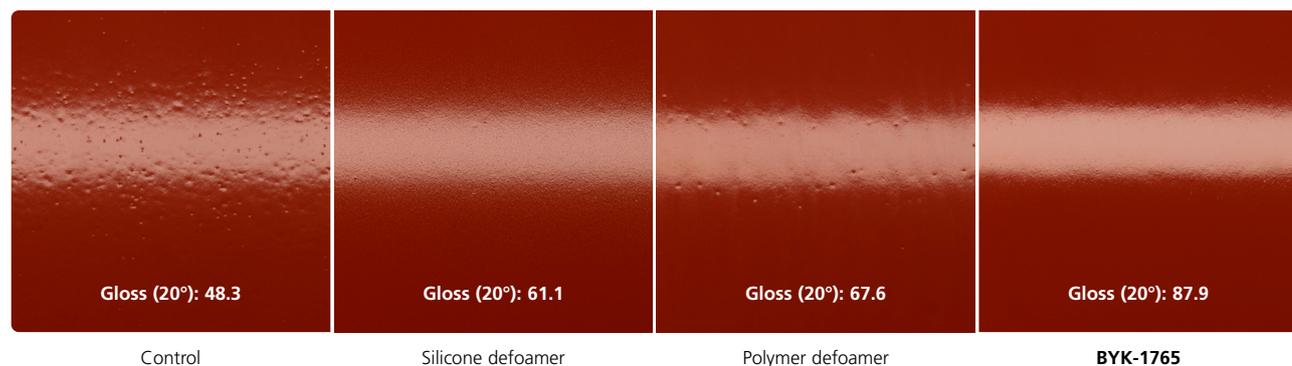
## Highly effective in high-solid and solvent-free epoxy systems



**Test method:** Pour-out on PE-foil; **Additive dosage:** 1 % additive as supplied on component A

**BYK-1765**  
Best  
defoaming

## Positive impact on gloss and leveling



**BYK-1765**  
Best  
appearance

**Test system:** 2-pack solvent-free epoxy primer; **Application:** 150 µm doctor blade on glass; **Additive dosage:** 1 % additive as supplied on component A

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This issue replaces all previous versions.

