

Efka[®] FL 3740 EH

Product description Flow and leveling agent

Key benefits

- Leveling agent with air release properties for non-aqueous, liquid coating systems
- Also suitable for powder coatings and binders for powder coatings
- Modifies the surface tension of the coatings
- Eliminates or reduces cratering
- Reduces fish-eyes and orange peeling
- Improves flow, dispersion and floating behavior
- Prevents air entrapment and optimizes substrate wetting

Chemical nature Copolyacrylate

Properties

Physical form Clear, colourless liquid

Technical data

(not supply specification)

Density at 20 °C (68 °F)	~ 0.92 g/cm ³
Brookfield viscosity at 20 °C (68 °F)	~ 1,750 mPa·s
Solid Content	~ 97 %
Refraction index at 20 °C (68 °F)	~ 1.46

Application

Efka® FL 3740 EH is a flow and levelling agent with air release properties for non-aqueous, liquid coating systems. It prevents air entrapment and optimizes substrate wetting.

Efka® FL 3740 EH can be used in:

- alkyd resin paints
- epoxy resin paints
- 2-pack acrylic coatings
- PVC copolymer coatings
- polyurethane coatings
- chlorinated rubber coatings
- nitrocellulose coatings

Efka® FL 3740 EH is also ideally suited to be used in the manufacture of powder coatings or binders for powder coatings. For the preparation of a master batch we recommend to mix 9 parts of polyester resin with 1 part Efka® FL 3740 EH. This mixture is perfectly suited for direct application in the premix and extrusion process. The drawbacks of leveling agents applied on SiO₂ are avoided.

Formulation guideline

0.2 - 1.0% Efka® FL 3740 EH may be added either to the mill base prior to grinding or stirred into the paint after pigment dispersion.

The optimal amount of part Efka® FL 3740 EH required depends upon the formulation.

Storage

Efka® FL 3740 EH should be stored in a cool dry place.

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Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

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