

# Efka<sup>®</sup> FL 3782

**Product description** Slip and leveling agent for aqueous coating systems

- Key benefits**
- Improves leveling
  - Prevents cratering and orange peel
  - Supports substrate wetting
  - Suitable for solvent-based and water-based systems

**Chemical nature** Silicone-modified polyacrylate

## Properties

**Physical form** Clear, colorless liquid

<b>Technical data</b> (not supply specification)	Solid Content		~ 60 %
	Solvent		secondary butanol
	Acid value	20 °C	~ 75 mg KOH/g
	Color Gardener	20 °C	≤ 1
	Viscosity, Brookfield	23°C	~ 1800 mPa.s

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## Application

Efka® FL 3782 is a silicone-modified polyacrylate that has been developed to improve the leveling and wetting properties of solvent-based, water-based, and solvent-free formulations. The combination of both silicone and polyacrylate components ensures a well-balanced performance in terms of leveling and wetting behavior. Unlike standard polyether modified silicones, Efka® FL 3782 exhibits remarkable temperature stability and recoatability. Furthermore, its wide compatibility makes it highly suitable for solvent-based and water based-systems systems.

Efka® FL 3782 is ready to be used for both solvent-based and solvent-free formulations. To achieve complete water solubility, Efka® FL 3782 must be neutralized with either ammonia or triethanolamine. For optimal results, it is recommended to use a concentration of 9% triethanolamine or 12% of a 25% ammonia solution.

**Formulation guideline** 0.5 – 2.0% on total formulation

Efka® FL 3782 should be added at the end of the batch preparation.

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## Storage

Efka® FL 3782 should be stored in a cool dry place

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### Validity

This Technical Data Sheet is valid for all versions of the Efka® FL 3782.

### 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

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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