

LEVELLING

QK702 Fluoro-Modified Acrylate Levelling Agent

Positioned against EFKA 3772

Polyacrylate levelling agent for waterborne, solventborne and UV systems that lifts gloss without hurting recoatability.

Overview

QK702 is a fluoro-modified polyacrylate levelling agent for waterborne coatings, solventborne coatings, printing inks and room-temperature-curing plastics. It improves flow and long-wave levelling and raises gloss, while preventing cratering. It lowers surface tension only slightly, so recoating and intercoat adhesion are unaffected and clear varnish stays clear.

Typical Data

Property	Value
Chemical composition	Polyacrylate
Appearance	Yellow liquid
Non-volatile content	60%
Viscosity (25C)	200-500 cps
Density (23C)	1.00-1.10 g/cm ³
Storage	Cool and dry, stir well before use
Shelf life	12 months maximum
Packing	25 kg / 180 kg

Recommended Dosage

Basis	Addition level
On total formulation, as supplied	0.05-0.5%

Dispersant figures are percentages on pigment weight, not on the total batch. Published values are empirical; confirm the optimum with a dosage ladder in your own system.

Use Guide

- Stir the drum well before drawing product.
- Add at any stage of manufacture, including post-addition to a finished batch.
- Start at the low end of 0.05-0.5% and ladder up; over-dosing levelling agents usually shows first as a recoat problem.

Applications

- Waterborne and solventborne industrial topcoats where appearance is graded
- Solvent-free and waterborne UV inks and overprint varnish
- Room-temperature-curing plastic coatings
- Multi-coat systems where the next layer must still adhere

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