

WETTING AND DISPERSING

QK3778 Waterborne Dispersant

Positioned against Allnex 6208

Universal waterborne dispersant at 60% active that handles every pigment class including anti-corrosive fillers.

Overview

QK3778 is a universal dispersant for waterborne systems, supplied at 60% active. It disperses all pigment classes, including anti-corrosive pigments and extenders, and is suitable for pigment concentrate pastes. Colour development is strong across inorganic, organic and carbon black loadings, and the product carries a 36-month shelf life unopened.

Typical Data

Property	Value
Chemical composition	Specially modified polymer
Appearance	Light yellow liquid
Active content	60%
Density	1.04-1.08
Acid value	15-30
Storage	Cool and dry
Shelf life	36 months unopened
Packing	25 kg / 200 kg

Recommended Dosage

Basis	Addition level
Inorganic pigments	2-10%
Organic pigments	20-50%
Carbon black	40-60%

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

- Add QK3778 at the grinding stage.
- Dosage figures are on pigment, so recalculate when the pigment loading changes.
- If the drum has been below 5C, warm it and remix before use.

Applications

- Waterborne anti-corrosive primers with zinc phosphate or similar pigments
- Waterborne pigment concentrate production
- Waterborne industrial topcoats across a full colour range

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Typical values are indicative of the product and are not release specifications. Data reproduced from the manufacturer data sheet.