

## CLiQFLOW® 602

Rheological Additive

**CLiQFLOW 602** is a polymeric modified, smectite clay-based rheological additive for aqueous systems. The additive is applied in systems, such as decorative latex paints, ready-to-apply plasters, or waterborne epoxy paints.

**CLiQFLOW 602** provides a thixotropic, strongly shear thinning flow behaviour with high low shear viscosities. It improves the elasticity of a system and therefore reduces phase separation and pigment settling.

**CLiQFLOW 602** is easy to activate and is recommended in systems with a pH between 6 and 12. It can be combined with any other classes of rheological additives to further modify the flow behaviour and performance of an aqueous system.

### Typical values:

Appearance:	powder
Colour:	creme-beige
Solids Content:	100%
Density:	ca. 2.0 g/cm <sup>3</sup>

### Level of Use / Incorporation:

**CLiQFLOW 602** is typically used at a loading level between 0.3 – 1.5% depending on the nature of the system. For typical decorative latex paints, a loading of 0.5% of the total might be recommended for the first screening study.

**CLiQFLOW 602** requires shear and dwell for activation. It can be incorporated as powder at the milling stage of the manufacturing process or as pre-gel in water. The pre-gel can be added at any formulation step. Pre-gel concentration of 5% is recommended.

**CLiQFLOW 602** is compatible with most binder systems and can be combined with any other rheological additive if required.

**CLiQFLOW 602** should be stored in a cool dry place. The minimum shelf life is 24 months when stored in unopened packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

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This information is based to best of our knowledge and on test results obtained in our laboratory. It is given in good faith and should only regard as recommendations. No warranty is given, and it is advised to all users to evaluate the products carefully for their intended use. Please also consider all further information, labels, and especially the safety data sheet! For further questions, technical service, and samples, please feel free to contact us.