

## CLiQFLOW® 603

Rheological Additive

**CLiQFLOW 603** is a polymeric modified, smectite clay-based rheological additive for high-value aqueous systems. The additive is applied in decorative professional and do-it-yourself latex paints, ready-to-apply plasters, waterborne epoxy paints, or general industrial systems.

**CLiQFLOW 603** provides a thixotropic, shear thinning flow behaviour. It improves storage stability, controls pigment suspension, workability, and sag resistance. At higher loadings, it provides sufficient water retention to replace current cellulose used in decorative latex paints.

**CLiQFLOW 603** is easy to activate and is recommended in systems with a pH between 3 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. 1.6 g/cm <sup>3</sup>

### Level of Use / Incorporation:

**CLiQFLOW 603** is typically used at a loading level between 0.1 – 1.0% depending on the nature of the system. For storage stability, a loading level of 0.15 %, and for viscosity control, a loading of 0.3% of the total is recommended for the first screening.

**CLiQFLOW 603** 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. A pre-gel concentration of 3% **CLiQFLOW 603** is recommended.

**CLiQFLOW 603** is compatible with most binder systems and can be combined with any other rheological additive if required.

**CLiQFLOW 603** should be stored in a cool dry place. The minimum shelf life is 12 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.