

**CLiQFLOW 600** is a highly purified and beneficiated smectite clay based rheological additive for aqueous systems. The highly efficient clay provides a superior structure and a strongly shear thinning flow behaviour with high low shear viscosity to aqueous systems.

**CLiQFLOW 600** develops a structure already at low loadings that prevents settling of pigments and fillers during storage. Sag resistance is also improved significantly with the smectite clay.

**CLiQFLOW 600** is typically used in decorative and industrial coating systems and is best used in systems with a pH between 6 and 12.

## Typical values:

Appearance: white creamy powder

Solids content: ca. 100 %

Specific gravity: ca. 2.5

Particle Size: 98% < 53 microns

## Level of Use / Incorporation :

**CLiQFLOW 600** is typically used at a loading level between 0.1 – 1.5% depending on the nature of the system. For storage stability a loading between 0.1 – 0.5% might be sufficient. Higher loading levels are required to improve sag resistance and mid shear viscosity with the smectite clay.

**CLiQFLOW 600** requires shear and dwell time for activation. It can be incorporated as powder at the milling stage of the manufacturing process but also as 5-8% pre-gel in water. The pre-gel can be added at any formulation step.

**CLiQFLOW 600** is compatible with most binder systems and can be combined with any other rheological additive if required.

**CLiQFLOW 600** should be stored in a cool dry place. Closed bags can be stored up to 48 months.

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

CLiQ SwissTech AG  
Bahnhofstrasse 3  
7320 Sargans  
Switzerland

CLiQ SwissTech (Deutschland) GmbH  
Hauptstrasse 97  
51465 Bergisch Gladbach  
Germany

CLiQ SwissTech (Netherlands) B.V.  
Zernikepark 6-8  
9747AN Groningen  
The Netherlands

sample@cliqswiss.com • info@cliqswiss.com

www.cliqswiss.com

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

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