

## CLiQFLOW® 601

### Rheological Additive

---

**CLiQFLOW 601** is a smectite clay based rheological additive for aqueous systems. The activated clay provides structure at rest and low- to mid-shear viscosity to aqueous systems.

**CLiQFLOW 601** improves sag resistance and prevents settling of pigments and fillers in liquid and pasty aqueous paints or construction systems. In powder based construction systems like plasters it improves slump resistance, workability and reduces tackiness on tools. It also improves pumpability of coarse construction systems, thus resulting in less abrasion and longer machine lifetime.

**CLiQFLOW 601** is best used in systems with a pH between 6 and 12. In higher pH systems it will not develop its rheological active structure.

---

#### Typical values:

Appearance:	powder
Colour	creme-beige
Solids Content :	100 %
Density:	Ca. 2.5 g/cm <sup>3</sup>
Particle Size:	98% < 53 µm

#### Level of Use / Incorporation:

**CLiQFLOW 601** is typically used at a loading level between 0.1 – 1.5% depending on the nature of the system. For storage stability or improved workability a loading between 0.1 – 0.5% might be sufficient.

**CLiQFLOW 601** requires shear and dwell time for activation. It can be incorporated as powder at the milling stage but also as 5-10% pre-gel in water. The pre-gel can be added at any formulation step. In powder based systems it is simply blended into the dry powder blend.

**CLiQFLOW 601** is compatible with most binder systems and can be combined with any other rheological additive if required.

---

**CLiQFLOW 601** should be stored in a cool dry place.

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  
Bertram-Blank-Strasse 8A  
51427 Bergisch Gladbach  
Germany

CLiQ SwissTech (Netherlands) B.V.  
Blauwborgje 31  
9747AC Groningen  
The Netherlands

sample@cliqswiss.com • info@cliqswiss.com

www.cliqswiss.com

---

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 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.