

CLiQFLOW 601 is a smectite clay based rheological additive for aqueous systems. The activated clay provides structure 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: white creamy powder

Solids content: ca. 100 %

Specific gravity: ca. 2.5

Particle Size: 98% < 53

Level of Use :

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. Higher loading levels are required to improve sag resistance and mid shear viscosity.

CLiQFLOW 601 requires shear and dwell for activation. It can be incorporated as powder at the milling stage of the manufacturing process 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. The clay will be activated sufficiently when the dry powder is mixed with water.

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. Closed containers 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 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.