

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 ³
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 a powder at the milling stage or as a 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. The minimum shelf life is 48 months when stored in unopened containers.

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 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.