

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:	creamy powder
Active content:	100 %
Density (20°C):	1.6 g/cm ³

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 % might be sufficient; for viscosity control a loading of 0.3% on total might be recommended for the first screening study.

CLiQFLOW 603 requires shear and dwell for activation. It can be incorporated as powder at the milling stage of the manufacturing process but also as pre-gel in water. The pre-gel can be added at any formulation step. It is recommended to use a pre-gel concentration of 3% **CLiQFLOW 603** for optimum activation.

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. Closed bags can be stored up to 12 months. 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.

Version: 20130201