

CLiQFLOW® 538 (LP 1817-1)

Rheological Additive

CLiQFLOW 538 is a liquid hydrophobically modified alkali swellable acrylic thickener (HASE) for aqueous systems. The rheological additive is designed to provide a unique flow behaviour that is close to Newtonian. The acrylic thickener is used in matt-to-gloss aqueous paints, plasters, and adhesives.

CLiQFLOW 538 provides an almost “Newtonian” flow behaviour to aqueous systems providing mid and high shear viscosity. The thickener provides improved film build and hiding power to emulsion paints. The rheological additive shows excellent compatibility in a large variety of systems.

Typical values:

Appearance: white liquid
 Active Content: ca. 30%
 Brookfield viscosity: < 100 mPa.s
 pH: approx. 3

Level of Use / Incorporation:

CLiQFLOW 538 can be added at any production stage to the coating formulation when sufficient mixing forces are available to homogenise the material.

CLiQFLOW 538 requires basic pH to develop its full structure, preferably between 8-9. The pH of the final system can be adjusted with conventional neutralizers used in the paint industry.

The optimum loading level should be determined for each system using a loading ladder study. A starting level between 0.5 – 1.5% is recommended.

CLiQFLOW 538 should be protected from freezing. The minimum shelf life is 12 months when stored in unopened packages.

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 also consider all further information, labels, and especially the safety data sheet! For further questions, technical service, and samples, please feel free to contact us.