

## CLiQFLOW® 615

Rheological Additive

**CLiQFLOW 615** is a rheological additive for aqueous systems based on a synthetic magnesium silicate. The layered silicate hydrates and delaminates in water, creating a colourless and transparent colloidal dispersion.

**CLiQFLOW 615** develops a thixotropic structure that provides anti-settling behaviour to pigments and fillers during storage, sag resistance, and improved workability. The rheological additive has very little impact on gloss and does not negatively influence transparency and colour of the final system.

### Typical values:

|                   |                            |
|-------------------|----------------------------|
| Appearance:       | white creamy powder        |
| Active content:   | ca. 90 %                   |
| Specific gravity: | ca. 2.50 g/cm <sup>3</sup> |

### Level of Use / Incorporation:

**CLiQFLOW 615** is typically used at a loading level between 0.1 – 3% depending on the nature of the system. For storage stability, a loading between 0.1 – 0.5% might be sufficient.

**CLiQFLOW 615** requires some shear and dwell time for activation. Best efficiency is achieved when preparing a pre-gel (3-5% loading) and allowing sufficient swelling during agitation in water for 15 minutes. The pre-gel will develop its full structure within a few days storage.

A fully developed **CLiQFLOW 615** pre-gel can be added at any formulation step with simple agitation.

**CLiQFLOW 615** should be stored in a cool dry place. The minimum shelf life is 48 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.