

## CLiQFLOW® 660 VF-3 (EP 660 VF-3)

Rheological Additive

**CLiQFLOW 660 VF-3** is a VOC- and organotin-free polyurethane thickener for aqueous decorative and industrial systems. The associative thickener increases both low and mid shear viscosity and provides a shear-thinning flow behaviour.

**CLiQFLOW 660 VF-3** improves anti-settling behaviour, sag resistance and brush drag of aqueous systems. The associative thickener also provides improved workability with superior flow and levelling that results in a more uniform paint film after application.

**CLiQFLOW 660 VF-3** is often used in combination with CLiQFLOW 680 or CLiQFLOW 690 in decorative brush or roller-applied paints to achieve an optimised flow and application behaviour.

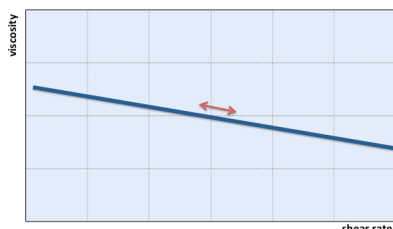
### Typical values:

Appearance: white opaque liquid

Active Content: ca. 20 %

Brookfield Viscosity: < 10000 mPas

Density: ca. 1.05 g/cm<sup>3</sup>



### Level of Use / Incorporation:

**CLiQFLOW 660 VF-3** can be added to the aqueous system at any production stage and does not require a pre-dilution step. The optimum loading level with **CLiQFLOW 660 VF-3** should be determined for each system using a loading ladder study. A loading level between 0.2 - 2.0% is recommended.

**CLiQFLOW 660 VF-3** shows excellent compatibility with all kinds of aqueous binders.

**CLiQFLOW 660 VF-3** performance is not impacted by freezing, although, it is recommended to store in a cool dry place above 5°C. The minimum shelf life is 24 months when stored in unopened packages. It is suggested to stir the product before use.

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.