

## CLiQFLOW® 645 VR

### Rheological Additive

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**CLiQFLOW 645 VR** is a highly efficient VOC compliant, APE-, biocide and organotin-free associative thickener for aqueous clear and pigmented systems. The polyurethane thickener provides an extremely shear thinning flow behaviour to both aqueous industrial and decorative coatings and adhesives.

**CLiQFLOW 645 VR** improves sag resistance and anti-settling behaviour and is particularly recommended as single thickener for spray-applied aqueous systems. The product is also used in combination with high-shear thickeners to achieve a balanced flow behaviour.

**CLiQFLOW 645 VR** is compatible with most aqueous binder systems used in industrial wood, metal or decorative coatings.

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#### Typical values:

Appearance:	white opaque liquid
Active Content	ca. 25 %
Brookfield Viscosity:	< 5000 mPas
Density:	ca. 1.02 g/cm <sup>3</sup>

#### Level of Use / Incorporation:

**CLiQFLOW 645 VR** can be added to the aqueous system at any production stage. It does not require a pre-dilution step.

The optimum loading level with **CLiQFLOW 645 VR** should be determined for each system using a loading ladder study. A loading level between 0.1-1.0 % is recommended.

**CLiQFLOW 645 VR** shows excellent compatibility with most kind of aqueous binders us used for decorative applications.

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**CLiQFLOW 645 VR** should be stored in a cool dry place above 5°C.

For information on health and safety information please consult the Material Safety Data Sheet

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CLiQ SwissTech AG  
Bahnhofstrasse 3  
7320 Sargans  
Switzerland

CLiQ SwissTech (Deutschland) GmbH  
Bertram-Blank-Strasse 8A  
51427 Bergisch Gladbach  
Germany

CLiQ SwissTech (Netherlands) B.V.  
Blauwborgje 31  
9747AC Groningen  
The Netherlands

sample@cliqswiss.com · info@cliqswiss.com

www.cliqswiss.com

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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.