



BE SURE. BUILD SURE.

# Centrilit Fume SX

## Manufactured Predispersed Microsilica Slurry

### Product Properties

- Manufactured from undensified microsilica for maximum dispersion
- Stabilised high concentration dispersion
- Factory QC autocontrolled for chemical and physical properties conformity
- Increases concrete density
- Increases concrete strength
- Improves the tensile / compressive strength ratio
- Increases corrosion resistance
- Increases chemical resistance
- Improves abrasion resistance

### Areas of Application

- High-strength concrete
- Precast concrete
- Shotcrete
- Concrete with high resistance against chemicals

### Application Notes

Centrilit Fume SX particles are 50 to 100 times smaller than cement particles. They fill the voids between cement particles more or less completely depending on the degree of dispersion.

During hydration, Centrilit Fume SX reacts with the free lime of cement to form calcium hydro-silicate - a consistent, durable compound. It also makes the concrete denser.

This greatly increases the strength of the concrete, and the higher concrete density also leads to improved corrosion protection.

Due to improved cohesiveness in the plastic stage, the concrete can be pumped more easily. It also adheres better to substrates and reinforcements.

Centrilit Fume SX is not harmful to drinking-water. The relevant regulations for the manufacture, processing and curing of concrete and reinforced concrete must be observed. The necessary suitability tests must be performed.

For further information, please contact our personnel.

In the interest of our environment please empty the packs completely. Exchange containers must be closed and protected from contaminants. We can only accept completely emptied containers.



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### Technical Data for Centrilit Fume SX

Characteristic	Unit	Value	Comments
Density	kg/dm <sup>3</sup>	~ 1.38	
Recommended Dosage	%	5 - 11	by weight of cement
Solids Content	%	50 ± 1	

### Product Characteristics for Centrilit Fume SX

Colour	Grey
Consistency	Liquid
Internal Production Supervision	DIN EN ISO 9001 / 2000
Delivery	1,000 liter tote tank
Storage	Can be stored in cool and dry conditions for <b>6 months</b> in original unopened containers.
Disposal	Containers must be emptied completely.

**Note:** The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

**Edition 05/20.** Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.