

Centrilit Fume SX

Silica suspension



PRODUCT PROPERTIES

- Increases the concrete-density
- Increases the concrete-strength
- Improves the ratio tensile / compressive strength
- Increases the corrosion-resistance
- Increases the chemical-resistance
- Improves the abrasion-strength

AREAS OF APPLICATION

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

APPLICATION ADVICE

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

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

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

Due to the improved structural cohesion, 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.

Homogenize daily Centrilit Fume SX during storage and immediately before use, by pumping, stirring or shaking, to prevent sedimentation.

For further information, please call our concrete-technology consulting-service.

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.

Type of concrete admixture	silica suspension, grade I per EN 13263-1
Designation of concrete admixture	Centrilit Fume SX
Colour	grey
Form	liquid
Notified body	Kiwa MPA Bautest GmbH, Berlin
Delivery form	230 kg drums 1,000 kg container

Safety instructions

Please note the safety information and advice given on the packaging labels and safety data sheets. GHS CODE : BZM10

Note: The information contained in this data sheet is based on our experience and is correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual structure, to the specific application and to non-standard local conditions. Application-specific conditions must be checked in advance by the planning engineer/specifier and, where different from the standard conditions indicated, will require individual approval. Technical advice provided by MC's specialist consultants does not replace the need for a planning review by the client or its agents in respect of the history of the building or structure. Subject to this prerequisite, we are liable for the correctness of this information within the framework of our terms and conditions of sale and delivery. Recommendations of our employees deviating from the information given in our data sheets are only binding for us if they are confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be observed. The information given in this technical data sheet is valid for the product supplied by the country company listed in the footer. It should be noted that data in other countries may differ. The product data sheets valid for the relevant foreign country must be observed. The latest technical data sheet shall apply to the exclusion of previous, duly superseded versions; the date of issue in the footer must be observed. The latest version is available from us on request or may be downloaded from our website. [2300018504]