

**Technical Data Sheet**  
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**Sikacrete® W**

## Sikacrete® W

### High – Performance Mineral Admixture for Underwater-Cast Concrete

<b>Description</b>	Sikacrete – W is an original micro silica-based process for treating underwater cast concrete. Sikacrete – W greatly enhances concrete cohesion and imparts outstanding flow properties. It reduces concrete wash-out during under-water concrete pouring
<b>Uses</b>	Because of its cohesion-enhancing effect, Sikacrete-W reduces wash-out of underwater-cast concrete. Sikacrete-W inhibits the separation of the finer elements (cement + fines) – a phenomenon that occurs in ordinary concrete, Sikacrete-W is therefore recommended for all water-exposed concreting work such as: <ul style="list-style-type: none"> <li>■ Embankment reinforcement</li> <li>■ Dyke construction and repair</li> <li>■ Underwater slabs (ex. : In navigation lock)</li> <li>■ Building pits, foundation piles</li> </ul>
<b>Advantages</b>	Sikacrete-W contains : ultra-fine particles of sub micron size. When in contact with the mixing water, these form a viscous paste which significantly improves concrete cohesion. With Sikacrete-W, cured concrete exhibits a denser crystalline structure than ordinary concrete.
<b>Dosage</b>	3% - 10% by weight of cement Sikacrete-W is compatible with most Sika admixtures. Please consult our Technical Service Division for further information.
<b>Instruction for Use</b>	Sikacrete - W should be dry-mixed with other concrete components before the mixing water is added. After the water is added, further mixing is required to allow the even distribution of ingredients throughout the mixed concrete.  To achieve optimum results, it is advisable to incorporate a super plasticizer such as ViscoCrete and Sikament-range into the concrete mix.  Pre-trials are recommended to establish optimum dosage rate

#### Technical Data

<b>Form</b>	Micro Silica Powder
<b>Colour</b>	Grey
<b>Bulk Density</b>	Approx 0.5 kg/l
<b>Shelf Life</b>	1 year if stored in its original bag and dry conditions
<b>Storage</b>	Dry, cool, shaded place
<b>Packaging</b>	8 kg bag
<b>Cautions</b>	Sikacrete-W is a powder product. Wearing a mask is advisable when pouring the product into the mixer. Users are advised that Sikacrete-W makes concrete sticky (thixotropic effect) For easier cleaning, it is suggested to protect with isofilm-P of materials that are to come in contact with the concrete.



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## Legal Notes

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