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| Density | ~ 1.10 ± 0.02 kg/L |
| pH-Value | 3.0 - 6.0 (at 20° C) |
| Total chloride ion content | Free (EN 934.01) |
| Concreting guidance | The standard rules of good concreting practice, concerning production as well as placing, are to be followed. Refer to relevant standards. Fresh concrete must be cured properly. |
| Recommended dosage | <ul style="list-style-type: none"> ▪ For Low to Medium Workability: 1.9 - 2.4% by weight of cementitious ▪ For Flowing and Self Compacting Concrete (S.C.C): 2.0 - 3.0% by weight of cementitious |
| Dispensing | <p>Sika® ViscoCrete®-5520 W is added to the gauging water or simultaneously with it poured into the concrete mixer. For optimum utilization of the high water reduction we recommended thorough mixing at minimal wet mixing of 60 seconds.</p> <p>Effects of overdosing and underdosing: Significant overdosage will result in increased workability and setting time of the concrete. Underdosage will result in reduced workability (more difficult placing) and shorter setting times (reduced workable lifes). However, provided the concrete is cured effectively, ultimate strength and properties will not be affected.</p> |
| Compatibility | <p>Sika® ViscoCrete®-5520 W can be combined with the following Sika Products:</p> <ul style="list-style-type: none"> ▪ SikaPump® ▪ SikaFume® ▪ Intraplast® Z ▪ SikaRapid® series ▪ Sika® Aer ▪ Sika® FerroGard®-901 ▪ SikaRetarder® <p>Pre-trials are recommended if combinations with the above products are being made. Please consult our Technical Services for other Sika Products.</p> |

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

