

CONCRETE ADMIXTURE **ADCON HP 900**



High-grade consistency enhancer as an additive to high-performance superplasticizers for ready-mixed concrete and precast plants as well as for clayey aggregates based on polycarboxylate ether, optimized for controlled, long-lasting concrete consistency depending on the dosing quantity and type of cement as well as the prevailing fresh concrete temperature.

APPLICATION:

- » Ready-mix concrete
- » Precast plants

ADVANTAGES:

- » Consistency control via the dosing quantity in conjunction with 3CS® AdCon high-performance superplasticizers
- » Improved compaction capability
- » Reduced compaction energy
- » Improved and facilitated concrete quality in processing
- » Economical dosing thanks to high efficiency
- » Improved concrete properties due to reduction of the water/cement ratio
- » Stable concrete structure even with high dosage quantities
- » Short stripping times despite long-lasting consistency
- » Compatibility with 3CS® AdCon air entrained concrete admixtures

PRODUCT DESCRIPTION

Due to the raw material combination, **3CS® AdCon HP 900** produces a stable and long-lasting consistency when used in conjunction with PCE-based **3CS® AdCon** superplasticizers in normal and high-performance concretes. Another area of application for **3CS® AdCon HP 900** includes SCC and exposed concretes where a longer processing time is expected. The excellent consistency control properties combined with a PCE-based **3CS® AdCon** high-performance plasticizer result in economical usage at the processing and cost-optimization of the concrete. An additional advantage of **3CS® AdCon HP 900** is the very good efficiency with aggregates containing clay. This prevents or reduces the adsorption of the superplasticizer components on the aggregate. The results include easy concrete processing and very good compactibility with a long open consistency time. The low stickiness of the concrete is a further addition to the positive product properties.

PROCESSING

Add **3CS® AdCon HP 900** directly to the mixing water in the concrete mixer. To optimally exploit the potential of the admixture, the concrete temperature should be above 10 °C, and a sufficient mixing time should be observed.



APPROVALS

Superplasticizer for concrete, mortar and grout according to ÖNORM EN 934-1 and ÖNORM EN 934-2.

CE marking: Certification body for construction products, EC certificate of conformity

External monitoring: VBE, Association for Construction Material Testing and Development, A-3380 Pöchlarn, Wiener Straße 55

STORAGE CONDITIONS

Storable for at least 12 months in the original sealed container in a possibly cool, dark and dry place at temperatures from +5 °C to +30 °C. Protect from direct sunlight, frost and contamination. Homogenization is recommended after extended storage periods. Slight differences in color due to batch production or UV radiation are possible, but have no influence on the effect of the product.

SAFETY INSTRUCTIONS

Please observe the hazard warnings and safety advice on the labels and in the safety data sheets.

TECHNICAL SPECIFICATIONS

COLOR	brownish
STATE	liquid
DENSITY	approx. 1,050 g/cm ³
DOSAGE	0.40 - 1.50 M-% of the cement weight

ARTICLE NUMBER	UNIT	PACKAGING UNIT
B219012273351	kg	1,000 kg IBC
B219012273361	kg	200 kg drum
B219012273382	kg	25 kg can

This data sheet, like our other technical information, serves only to describe the nature of this product and the processing and application options. However, it is not intended to guarantee certain product properties or fitness for a specific purpose, and the description does not contain complete instructions for use. As we reserve the right to make changes to our data sheets, it is the customer's responsibility to ensure the availability of the up-to-date data sheet. Current information sheets can be requested at any time from any of our premises. Typos, technical changes and errors excepted. In addition, our general terms and conditions apply. **Version: 27/04/2026**

