CONCRETE ADMIXTURE

ADCON TB 831

CE

High-performance superplasticizer for ready-mixed concrete and precast plants based on polycarboxylate ether, optimized for controlled, lasting concrete consistency for up to 105 minutes.

APPLICATION:

» Ready-mix concrete

» Precast plants

ADVANTAGES:

» greater robustness

» High and long-lasting liquefaction

» Improved compaction capability

» Reduced compaction energy

» Improved 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

» Compatibility with 3CS®AdCon air entrained concrete admixtures

PRODUCT DESCRIPTION

Due to raw material combination, **3CS® AdCon TB 831** produces a stable and long-lasting consistency when used in normal and high-performance concretes. **3CS® AdCon TB 831** may be also used for SCC and exposed concrete. The excellent liquefaction properties combined with economical dosing result in cost optimization of the concrete processing. An additional advantage of the mode of action of **3CS® AdCon TB 831** is a high degree of water reduction as well as the optimization of the binder content (reduced in accordance with to the normative specifications). Easy processability and very good compactibility of the concrete due to low stickiness round off the product properties.

PROCESSING

Add **3CS® AdCon TB 831** 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.

3CS GmbH | A - 8273 Ebersdorf 226 | UID Nummer: ATU82909925 | Firmenbuchnummer: 669183v
T: +43 (0) 3333 41 241-26 | E: office@3cs.at | www.3cs.at

CONCRETE ADMIXTURE

ADCON TB 831

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	yellowish – light brown
STATE	liquid
DENSITY	approx. 1.080 g/cm³
DOSAGE	0.50 - 1.50 M-% of the cement weight

ARTICLE NUMBER	UNIT	PACKAGING UNIT
B207012298951	kg	1,000 kg IBC
B207012298961	kg	200 kg drum
B207012298982	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: 2026/10/21**

3CS GmbH | A - 8273 Ebersdorf 226 | UID Nummer: ATU82909925 | Firmenbuchnummer: 669183v
T: +43 (0) 3333 41 241-26 | E: office@3cs.at | www.3cs.at