

Product Information

SITREN® SRA L 201

PRODUCT DESCRIPTION

SITREN® SRA L 201 is a non-chloride, liquid shrinkage reducing admixture based on a polyether. It significantly reduces drying and plastic shrinkage and minimizes the risk of cracking thereof.

Typical Properties

Property	Unit	Value
Appearance		Clear colorless liquid
Viscosity at 25°C	mPa·s	90-120

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

SITREN® SRA L 201 is recommended for the following applications

- Flowable screeds
- Concrete floors
- Durable concrete
- HPC/UHPC ([ultra] high performance concrete)
- Concrete elements
- Self-compacting concrete

Product Composition

Product Composition	Unit	Value
Active Content	wt%	99-100

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

SITREN® SRA L 201 functions by reducing surface tension of pore water and thus, decreasing the capillary pressure. Overall, the resultant shrinkage strain is reduced.

- Superior reduction of drying and plastic shrinkage limited the risk of cracks, deformation and debonding
- Reduced potential for slab curling
- Good workability properties
- Improved impermeability and durability of concrete reduce maintenance and refurbishments costs
- Very low contribution to VOC (volatile organic compound) allows to formulate final products that meet e. g. EMICODE EC1^{PLUS} regulation
- Fast curing - almost no influence on concrete setting and of strength

Further information is available on request.

DOSAGE

Recommended dosage rates of SITREN® SRA L 201 are 0.5 - 3,5 wt. % referred to cement. Suitable lab and field trials are recommended prior to use.

HANDLING & PROCESSING

The required dosage should be added to the concrete with the mixing water or poured into the concrete simultaneously.

PACKAGING

1000 kg IBC

SHELF LIFE

SITREN® SRA L 201 should be stored under dry conditions between 5 °C and 30 °C for at least 12 months. It will remain safe to use for a longer period of time. However, product quality has to be verified by appropriate tests then.

HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

REGISTRATION LISTING SUMMARY

Based on the submitted information of our raw material suppliers we can confirm, that SITREN® SRA L 201 is compliant with EC Regulation 1907/2006 (REACH).

The relevant components of SITREN® SRA L 201 are listed/registered or exempt in the following chemical inventories:

Registration Listings

Registry

Status

EU (EINECS/ELINCS)

Yes

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Interface & Performance
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173-2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
evonik.click/interface-performance