

## Technical Information

## SITREN® SRA L 210

**Product description**

SITREN® SRA L 210 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.

**Physical properties**

Appearance	clear yellow liquid
Active content	99 – 100 %
Viscosity / 25 °C	70 – 120 mPas

Figures are reference points and not subject of specification

**Application**

SITREN® SRA L 210 is recommended for the following applications:

- Flowable screeds
- Concrete floors
- Durable concrete
- Concrete elements
- HPC/UHPC

**Properties/Benefits**

SITREN® SRA L 210 functions by reducing surface tension of pore water and thus, decreasing the capillary pressure. Overall, the resultant shrinkage strain is reduced.

- Very low contribution to VOC (volatile organic compound) – allows to formulate final products that meet e.g. EMI CODE EC1<sup>PLUS</sup> regulation. Further information is available on request.
- Superior reduction of drying and plastic shrinkage
- Reduced potential for slab curling
- Good workability properties

- No impact on set time and early strength development of the cement.
- Improved impermeability and durability of concrete reduce maintenance and refurbishments costs.

**Dosage and Handling**

Recommended dosage rates of Sitren SRA L 210 are 0.5 – 3 % referred to cement. The required dosage should be added to the concrete with the mixing water or poured into the concrete simultaneously. Suitable lab and field trials are recommended prior to use.

**Registration status**

The ingredients of SITREN® SRA L 210 are listed on the following chemical inventories:

EINECS/ELINCS, ENCS, PICCS

Further information is available on request.

**Storage stability**

SITREN® SRA L 210 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.

**Packaging**

Pallet à 800 kg (4 x 200 kg drums)

Container à 1000 kg

**Hazardous goods classification**

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.

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**Evonik Nutrition & Care GmbH**  
 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](mailto:interface-performance@evonik.com)  
[www.evonik.com/interface-performance](http://www.evonik.com/interface-performance)