

Product 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.

Typical Properties

Property	Unit	Value
Appearance		Colorless to yellowish, clear liquid
Flash Point DIN EN 22719	°C	≤160
Viscosity at 25°C	mPa·s	70-120

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

SITREN® SRA L 210 is recommended for the following applications

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

Product Composition

Product Composition	Unit	Value
Active Content	wt%	100

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

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.

- Superior reduction of drying and plastic shrinkage limiting the risk of cracks, deformation and debonding
- Low impact on air void content of the concrete - 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
- Very low contribution to VOC (volatile organic compound) allows to formulate final products that meet e.g. EMICODE EC1^{PLUS} regulation
- Reduced potential for slab curling

Further information is available on request.

DOSAGE

Recommended dosage rates of SITREN® SRA L 210 are 0.5-3 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

Pallet à 800 kg (4 x 200 kg drums)

Container à 1 000 kg

SHELF LIFE

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.

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

The relevant components of SITREN® SRA L 210 are listed/registered or exempt in the following chemical inventories.

Registration Listings

Registry	Status
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes
Philippines (PICCS)	Exempted
Possibility of a polymer exemption	
USA (TSCA)	Yes
SNUR applies	

Disclaimer

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