

## DURAHIT® SRA-100

Item No 2568

**Shrinkage reducing admixture for durable concrete**

### FIELDS OF APPLICATION

DURAHIT® SRA-100 is a shrinkage-reducing admixture to produce durable concrete providing the following advantages:

- Reduces drying shrinkage
- Reduces curling, thereby compliance with joint spacing
- Achieves level floors
- Saves time and costly repairs
- Enhanced durability with longer lifecycle

The admixture is suitable for ready-mixed and pre-cast concrete and for all applications where the construction project requires controlled cracking.

DURAHIT® SRA-100 is especially designed for the following applications:

- Concrete screed
- Concrete floors
- Durable concrete in marine environments
- Watertight concrete
- Concrete with a high amount of cement paste and grout, e.g., self-compacting concrete or high-performance concrete

### DOSAGE

Recommended dosage range 0.5 – 1.5 mass-% of the cement content;  
is equivalent to 5 – 15 ml per kg cement.

The use of shrinkage reducing admixtures may influence the compressive strength development.

### WORKING PRINCIPLE

DURAHIT® SRA-100 bases on carefully selected ingredients which have the capability of greatly reducing drying shrinkage. This allows the production of high-performance and durable concrete.

### TECHNICAL DATA

Homogeneity	homogenous
Colour	colourless
State	liquid
Density	0.99 ± 0.02 g/cm <sup>3</sup>
pH-value	8.5 ± 1.0
Chloride content	< 0.10 mass-%
Alkali content (Na <sub>2</sub> O equivalent)	< 4.5 mass-%
Workability	from +1 °C
Shelf life	approx. 1 year from date of production if stored properly
Storage conditions	Store in unopened, original sealed packaging between +5 °C and +25 °C. Protect from frost, heat and insolation.

## PROCESSING INDICATIONS

---

DURAHIT® SRA-100 should be added to the ready-mixed concrete.

The mixing time must comply with the regulations defined in EN 206-1.

This product is classified as hazardous according to the CLP regulations. See safety data sheet for further information.

## PACKAGING

---

- 30 l can
- 200 l barrel
- 1000 l container
- loose by bulk supply

## REMARKS

---

This information describes the application- and processing possibilities of a product and its operation principles under regular conditions. Having no influence on the further application and processing, especially in conjunction with other construction materials, the given indication is neither a warranty in respect of the product's properties or its fitness for a particular purpose nor a full instruction of use. This information, any other recommendation or verbal advice are not binding and do not infer to any liability or legal demand.

Due to continuous further development, the most recent Technical Data Sheet is valid and will be supplied on request. All orders are accepted subject to our current general terms and conditions.

Edition: 31 March 2023

**SUITABILITY- AND PRE-TESTS ARE NECESSARY BEFORE APPLYING THE CONCRETE ADMIXTURE!**