

Ekan® SR 50

Chloride-free additive formulated to reduce plastic shrinkage cracking in fresh concrete and plaster.



Auxiliary Products for Concrete
Shrinkage Reducing Admixtures (SRA)



CHARACTERISTICS

EKAN® SR 50 is a chloride-free additive specifically formulated to reduce plastic shrinkage cracking in plaster and concrete. EKAN® SR 50 offers a significant reduction in shrinkage stresses and cracks. EKAN® SR 50:

- Minimizes plastic shrinkage of fresh concrete – initial and final setting times can be extended by approximately 30-60 minutes.
- Improves water impermeability of structures that must contain or retain water.
- Reduces joint maintenance costs in concrete slabs.
- EKAN® SR 50 increases the durability and service life of concrete.
- Allows for an increase in the distance between joints.

INSTRUCTIONS FOR USE

Areas of use

- Architectural slabs and precast panels with an “exposed aggregate” finish.
- Pavements and structures (ramps, parking lots, bridges) where surface roughness is required.
- Hydraulic structures/channels when additional slip resistance is needed.
- Plasters and mortars for aggregate exposure effects.

Application

Dosage: —

Shake the product well. Apply EKAN® SR 50 in a thin, uniform layer on ****freshly finished**** (troweled) concrete surface, using low-pressure spray or roller/brush, avoiding pooling. Protect the surface from rain, dust, and excessive sun/wind during the curing period. After the curing time (variable depending on temperature and cement), remove the surface paste by pressure washing or brushing until the desired aggregate exposure is achieved.

TECHNICAL DATA

Appearance: Homogeneous

Color: Colorless

Odor: Slight, non-toxic

Density: 0.920 ± 0.03 kg/l

pH: 5.00 ± 1.5

Chloride content: None

CERTIFICATIONS



14001 : 2015



45001 : 2018



9001 : 2015

PRECAUTIONS

Store in the original, tightly closed container, in a dry place protected from direct sunlight, between +2°C and +35°C.

Temperatures below freezing or above +35°C may damage the product.

After a long period of inactivity, shake or recirculate the product to homogenize it before use.

Avoid contact with eyes and skin; in case of contact, wash with plenty of water.

For complete health and safety information, consult the Material Safety Data Sheet (MSDS).