

Technical Information

SITREN® SRA P 260

Product description

SITREN® SRA P 260 is a powdered shrinkage reducing additive based on a polyether on an inorganic carrier.

Physical properties

Appearance	beige powder
Tap density	500 – 700 g/l
Moisture content (Karl Fischer)	< 4 %

Figures are reference points and not subject of specification

Application

SITREN® SRA P 260 effectively decreases the drying shrinkage of cement based mortar / concrete, and the potential for subsequent cracking. Plastic and autogenous shrinkage are reduced as well. Main applications are:

- Self levelling underlayments (SLU)
- Flowable screeds
- Non-shrink grouts
- Repair mortars
- Powder paints

Properties/Benefits

SITREN® SRA P 260 functions by reducing capillary tension of pore water, a primary cause for drying shrinkage. In addition SITREN® SRA P 260 provides the following benefits:

- Superior reduction of drying as well as autogenous shrinkage
- Reduced potential for slab curling
- Very low contribution to VOC (volatile organic compound) – allows to formulate final products that meet e.g. EMI CODE EC1^{PLUS} regulation. Further information is available on request.
- Fast curing – almost no impact on initial setting and early strength development of cementitious binder system
- Good workability properties

- Reduces the magnitude of capillary stresses and shrinkage strains
- Improved impermeability and durability
- Excellent long-term stability in dry mortar formulations
- Easy-to-use powder (not hygroscopic)

Dosage and Handling

Recommended dosage rates are 0.2 – 2 % referred to total amount of dry components. Suitable screening tests are recommended prior to use. For production of the drymix mortar SITREN® SRA P 260 needs to be blended with the other dry ingredients by using standard mixing devices.

Registration status

The ingredients of SITREN® SRA P 260 are listed on the following chemical inventories:

EINECS/ELINCS, ENCS, PICCS

Further information is available on request.

Storage stability

SITREN® SRA P 260 may be stored in closed bags under dry conditions and below 35 °C (95 °F) for 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 at 360 kg (30 x 12 kg paper bags)

Pallets should be stacked two high maximum.

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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