

Product Information

SITREN® SRA P 270

PRODUCT DESCRIPTION

SITREN® SRA P 270 is a powdered shrinkage reducing additive based on a polyether on an inorganic carrier.

Typical Properties

Property	Unit	Value
Appearance		Beige powder
Tamped Density	g/l	600

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

SITREN® SRA P 270 effectively decreases the drying shrinkage of cement-based mortars/concrete and the potential for subsequent cracking.

Main applications are

- Self-levelling mortars (SLU/SLO)
- Flowable screeds
- Tile adhesives
- Non-shrink grouts
- Repair mortars
- Waterproofing membranes
- Powder paints

Product Composition

Product Composition	Unit	Value
Moisture Content, max.	wt%	4
Karl Fischer		

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

SITREN® SRA P 270 functions by reducing capillary tension of pore water, a primary cause for drying shrinkage.

In addition, SITREN® SRA P 270 provides the following benefits

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

Further information is available on request.

DOSAGE

Recommended dosage rates are 0.2 - 2.0 wt. % referred to total amount of dry components. Suitable screening tests are recommended prior to use.

HANDLING & PROCESSING

For production of the dry mix mortar SITREN® SRA P 270 needs to be blended with the other dry ingredients by using standard mixing devices.

PACKAGING

Pallet à 360 kg (30 x 12 kg paper bags)

Pallets should be stacked two high maximum.

SHELF LIFE

SITREN® SRA P 270 may be stored in closed bags under dry conditions and below 35 °C for 12 months.

It will remain safe to use for a longer period of time. Longer storage times may cause lumping which normally does not affect the performance of the product. 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

Based on the submitted information of our raw material suppliers we can confirm, that SITREN® SRA P 270 is compliant with EC Regulation 1907/2006 (REACH).

The relevant components of XY are listed/registered or exempt in the following chemical inventories:

EINECS/ELINCS, Philipinen*

* Possibility of a polymer exemption

Registration Listings

Registry	Status
EU (EINECS/ELINCS)	Yes
Philippines (PICCS)	Exempted

Disclaimer

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Evonik Operations GmbH

Interface & Performance
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
evonik.click/interface-performance