

## PRODUCT DATA SHEET

# SikaControl®-650 P SRA

Shrinkage reducing agent in powder form, low VOC

## DESCRIPTION

Low VOC shrinkage reducing agent for cementitious dry mortars.

## USES

SikaControl®-650 P SRA is used in cement-based dry mortar systems to decrease the drying shrinkage and to reduce the risk of cracking. SikaControl®-650 P SRA also works against early shrinkage. The product is especially suitable for the following applications:

- Non-shrink grouts
- Dry concrete
- Flowable screeds
- Self-levelling underlayments (SLU)
- Repair mortars

## FEATURES

SikaControl®-650 P SRA reduces the capillary tension of pore water, which is the main cause for drying shrinkage.

The benefits of SikaControl®-650 P SRA include, but are not limited to the following:

- excellent reduction of early and long-term shrinkage
- positive effect on strength development
- low VOC contribution for products according EMI-CODE EC1PLUS
- Minimal influence on the consistency
- Noticeable defoaming effect
- higher solid mortar densities for better durability
- excellent stability in dry mortar formulations

## PRODUCT INFORMATION

<b>Composition</b>	polyether on an inorganic carrier
<b>Packaging</b>	20 kg bag, 480 kg per pallet
<b>Shelf life</b>	12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.
<b>Storage conditions</b>	Dry storage at temperatures up to 35 °C. Protect from direct sunlight.
<b>Appearance and colour</b>	light grey-reddish powder
<b>Bulk density</b>	Approx. 0.45 g/cm <sup>3</sup> (tap density)

## APPLICATION INFORMATION

<b>Recommended dosage</b>	Depending on the application the dosage range of SikaControl®-650 P SRA varies from 0.25 - 1.0 % on total dry mortar weight. At too high dosage, the mixture may lose some consistency. This can be compensated by adding a small amount of ViscoCrete. Note: Preliminary testing is required to determine the exact dosage for specific conditions. Please contact our Technical Service Department for more information and advice.
<b>Dispensing</b>	SikaControl®-650 P SRA is added to the dry mix. In the case of fine-grain dry mortar mixes, ensure that there is enough mixing time in the dry mortar plant.
<b>Compatibility</b>	SikaControl®-650 P SRA may be combined with most existing redispersible powders, accelerators, retarders and other additives used in dry-mix applications. The efficiency of an air-entraining agent can be influenced by the noticeable defoaming effect. Important: Always conduct trials before combining products in specific mix designs and contact our Technical Service Department for any additional information and advice concerning specific combinations with other products.

## BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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