

## PRODUCT DATA SHEET

# Sika® PowerPac SCC-08/16

Additive mixture for production of SikaCrete®-08/16

## DESCRIPTION

Sika® PowerPac SCC-08/16 is an additive mixture of superplasticizer and other additives for the production of highly flowable dry concrete with self-compacting properties.

## USES

Prefabricated, ready to use additive mixture for the production of self compacting dry concrete up to 16 mm grain size.

## CHARACTERISTICS / ADVANTAGES

- Sika® PowerPac SCC-08/16 causes a better dispersion of the cement particles. As a result, dry concrete becomes highly flowable and self-compacting even at low W / Z values without losing its stability.
- In the dry mortar plant only cement and aggregates have to be mixed with Sika® PowerPac SCC-08/16.
- The ready-to-use dry concrete with Sika® PowerPac SCC-08/16 has excellent flow properties, high resistance to segregation and a processing time of approx. 90 minutes.

## PRODUCT INFORMATION

<b>Composition</b>	Plasticizer additive mixture
<b>Packaging</b>	1000 kg Bigbag
<b>Appearance / Colour</b>	White to beige powder
<b>Shelf life</b>	In the closed and undamaged original packaging for at least 12 months.
<b>Storage conditions</b>	Do not store above 40 ° C and protect from direct sunlight.
<b>Bulk Density</b>	Approx. 0.88 g/cm <sup>3</sup>

## APPLICATION INFORMATION

<b>Recommended Dosage</b>	Approx. 1 % on total weight
<b>Dispensing</b>	The addition of Sika® PowerPac SCC-08/16 takes place in the dry mixture. Mixing time of the dry mixture approx. 120 to 180 seconds.

## APPLICATION INSTRUCTIONS

Mixture example SCC 35 N/mm<sup>2</sup>:

- approx. 20 – 23 % Cement
- approx. 76 – 79% Aggregate grading curve 0-8 or 0-16 mm
- approx. 1 % Sika® PowerPack SCC-08/16
- approx. 9.0 – 11.5 % water, depending on the grading curve

## FURTHER INFORMATION

Cement quality and composition of the grading curve have a significant impact on the product quality of the dry mix concrete. Adjustments must be made individually.

## 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.

## 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.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data. Further notes and information data sheets on product safety and disposal can be found on the Internet at [www.sika.de](http://www.sika.de).

## 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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