BUILDING TRUST

PRODUCT DATA SHEET

SikaPaver® GSC 3056

New generation of admixture for Manufactured Concrete Products specially formulated for where the mix has been optimised using Green Sense Concrete technology

DESCRIPTION

SikaPaver® GSC 3056 uses unique polymers specially developed for semi-dry concrete mixes. The product is suitable for the production of hollow-core slabs, masonry and paving blocks. At the same time, SikaPaver® GSC 3056 accelerates the strength development and reduces the cycle time whilst the appearance is maintained or even improved. Due to its unique principle of action on the cement grain, SikaPaver® GSC 3056 fully exploits the hydration potential of cement resulting in higher early strengths and shorter curing times.

USES

SikaPaver® GSC 3056 offers the following benefits for the MCP industry:

- Optimised mix design
- Enhanced productivity due to shorter cycle time
- Higher early strength
- Optimised curing cycles due to shorter curing times

FEATURES

GREEN SENSE CONCRETE

Green Sense Concrete is an optimized mix program in which recycled cementitious and noncementitious materials are used in combination with specially formulated Sika Egypt admixtures. The result is an environmentally preferred, cost-effective concrete that meets, and often exceeds, performance targets. The positive impact of using Green Sense Concrete on sustainability criteria is quantified by certified eco-efficiency analysis or environmental product declaration.

CERTIFICATES AND TEST REPORTS

EN 934-2 Table 3.1 and 3.2

PRODUCT INFORMATION

Packaging	available in 210 L drums or bulk.
Appearance and colour	Whitish to light brownish coloured liquid
Shelf life	12 months.
Storage conditions	SikaPaver® GSC 3056 must be stored in a place where the temperature does not drop below 5°C. If stored in unopened containers according to manufacturer's instructions.
pH-Value	4.0 to 8.0
Specific gravity	1.015 - 1.055

SUSTAINABILITY INFORMATION

Health and safety	No special requirements must be observed while the product is used. Protection gloves and glasses are recommended. Do not eat, drink or smoke during the application. SikaPaver® GSC 3056 is non-flammable, non-toxic or irritant and is not subject to special transport requirements.

APPLICATION INFORMATION

Recommended dosage	The normally recommended dosage rate is 0.4-1.2 L/100 kg of cementitious material. Other dosages may be used in special cases according to specific job site conditions. In this case please consult our Technical Services Department.

BASIS OF PRODUCT DATA

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

APPLICATION INSTRUCTIONS

SikaPaver® GSC 3056 is a liquid ready-to-use admixture to be added to the concrete during the mixing process. The best results are obtained when the admixture is added after all the other components are already in the mixer and after the addition of at least 80% of the total water. The water content is adjusted to obtain the desired consistence or workability.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika Egypt
1st Industrial Zone (A)
Section #10, Block 13035
El Obour City, Egypt
TEL: +202 44810580
FAX: +202 44810459
egy.sika.com