

PRODUCT DATA SHEET

SikaPaver[®]-3131

(formerly MasterCast[®] 3131)

New generation plasticizer for Manufactured Concrete Products, specially engineered for block and paver mixes

DESCRIPTION

SikaPaver[®]-3131 is an innovative multipurpose plasticizer specially developed for semi-dry concrete mixes used in the production of blocks and pavers. MasterCast 3131 accelerates the strength development and reduces the cycle time whilst the appearance is maintained or even improved. Furthermore, it allows for improved compaction and mould release. Due to its unique principle of action on the cement grain, **SikaPaver[®]-3131** fully exploits the hydration potential of cement resulting in higher early strengths and shorter curing times.

USES

SikaPaver[®]-3131 is suitable for manufacturing concrete products, especially:

- Pavers
- Blocks

CHARACTERISTICS / ADVANTAGES

SikaPaver[®]-3131 offers the following benefits for the MCP industry to:

- Optimised mix design.
- Enhanced productivity due to shorter cycle time.
- Higher early strength.
- Optimised curing cycles due to shorter curing times.
- Improved compaction and mould release.
- Improved stacking capability.

PRODUCT INFORMATION

Packaging	SikaPaver [®] -3131 is available in 1000 litre IBCs.
Shelf Life	If stored in unopened containers according to manufacturer's instructions, the shelf life is 12 months.
Storage Conditions	SikaPaver [®] -3131 must be stored in a place where the temperature does not drop below 5°C.
Appearance / Colour	Brownish liquid
Density	1.090 -1.100
pH-Value	5.0 – 7.0

SYSTEM INFORMATION

Compatibility SikaPaver®-3131 is not compatible with ViscoCrete superplasticizers.

APPLICATION INFORMATION

Recommended Dosage The normally recommended dosage rate is:
0.3 to 1.0 litres per 100 kg of cement.
Other dosages may be used in special cases according to specific job site conditions. In this case, please consult our Technical Services Department.

Dispensing SikaPaver®-3131 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 consistency or workability.

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.

ECOLOGY 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®-3131 is non-flammable, non-toxic or irritant and is not subject to special transport requirements. Please consult the Material Safety Data sheet for detailed information.

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.

Sika South Africa (Pty) Ltd
9 Hocking Place,
Westmead, 3608
South Africa
Phone +27 31 792 6500
www.sika.co.za



Product Data Sheet
SikaPaver®-3131
October 2023, Version 01.01
02140400000002037

SikaPaver-3131-en-ZA-(10-2023)-1-1.pdf

