

PRODUCT DATA SHEET

SikaPaver[®]-726

(formerly MasterCast[®] 726)

New generation of polycarboxylic ether-based plasticizer for Manufactured Concrete Products, specially engineered for use in production hollow-core slabs, masonry and paving blocks.

DESCRIPTION

SikaPaver[®]-726 is an innovative multi-purpose plasticizer based polycarboxylic ether 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[®]-726 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[®]-726 fully exploits the hydration potential of cement resulting in higher early strengths and shorter curing times.

USES

SikaPaver[®]-726 is suitable for Manufacturing Concrete Products, especially:

- Concrete Pavers
- Masonry Blocks
- Hollow-core slabs

CHARACTERISTICS / ADVANTAGES

SikaPaver[®]-726 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

PRODUCT INFORMATION

Chemical Base	New generation of polycarboxylic ether-based plasticizer
Packaging	1000 L IBC's or bulk supply
Shelf Life	12 months from date of production if stored properly
Storage Conditions	Store in undamaged, unopened, original sealed packaging in dry conditions in a place where the temperature does not drop below 5°C
Appearance / Colour	Whitish to light brownish coloured liquid
Density	1.020 -1.040
pH-Value	5.0 – 7.0

TECHNICAL INFORMATION

Concreting Guidance

The standard rules of good concreting practice for production and placing must be observed when using SikaPaver®-726 in concrete. Refer to relevant standards.

APPLICATION INFORMATION

Recommended Dosage

The normally recommended dosage rate is **0.4 - 1.2 % by weight of binder**. Dosages outside of this range can be used depending on the mix design, raw materials, climatic conditions and concrete requirements. Trial mixes must be performed to establish the exact dosage rate required.

Dispensing

SikaPaver®-726 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.

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.
- Internal Reference - Version: MBS_CC-UAE/Cast_726_11_09/v2/03_14/v3/05_19/v4/12_20

LIMITATIONS

Before use, suitability tests must be performed. Sufficient compaction of base and face concrete is essential to ensure the targeted performance parameters of the manufactured semi-dry concrete elements. SikaPaver®-726 is not compatible with SikaPaver®-764 or Sikament superplasticizers. For further information and advice, please contact our Technical Service Department.

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.

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



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