

## PRODUCT DATA SHEET

# SikaPaver® Plus 500

Impregnation agent for paving stones and other manufactured concrete products

## DESCRIPTION

SikaPaver® Plus 500 is an impregnation agent that has been specifically developed for the application on dry and semi-dry concrete elements. The surface that has been treated with SikaPaver® Plus 500 is water repellent and additionally provides dirt and stain protection. SikaPaver® Plus 500 improves the color brilliancy and allows for better color stability. SikaPaver® Plus 500 can be sprayed or rolled on the surface of manufactured concrete products immediately after their compaction and stripping. Once applied, the product doesn't require any special drying or curing treatment: the elements can be transferred directly to the chamber for curing, as it is normally done. SikaPaver® Plus 500 is suitable for use in hot and tropical climatic conditions.

## USES

SikaPaver® Plus 500 is suitable for the surface treatment of paving stones and any other type of manufactured concrete products, i.e. elements made with dry or semi-dry concrete that are compacted by vibration or vibro-compression.

## FEATURES

- Water-repellency
- Stain protection
- Treated surface shall be easlily cleanable with water
- Improved color brilliancy
- Improved resistance to color fading
- Improved resistance to efflorescence

## PRODUCT INFORMATION

<b>Composition</b>	Specially selected chemical composition
<b>Packaging</b>	200 L Drums, 1000 L Intermediate Bulk Container (IBC).
<b>Appearance and colour</b>	White liquid
<b>Shelf life</b>	12 months from date of production if stored properly
<b>Storage conditions</b>	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight.
<b>Density</b>	~1.04 kg/l (+25°C)
<b>pH-Value</b>	6 – 9

# APPLICATION INFORMATION

## Consumption

Depending on the surface structure and absorption, the required amount usually varies between 45 - 120 g/m<sup>2</sup>.  
The exact figure needs to be determined for each individual application by field trials.

## 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.

## APPLICATION INSTRUCTIONS

### APPLICATION

SikaPaver® Plus 500 is a ready to use liquid product and it shall be sprayed or rolled on the surface of the fresh elements immediately after their compaction and de-molding. To achieve optimal results, it is very important to ensure that the spraying system allows a homogeneous and even distribution of SikaPaver® Plus 500 on the surface of the elements. The surface to be treated must be firm, clean, absorbent and free of dust and loose particles. Curing and separating agents must be completely removed. Please consult Sika Technical Department for further recommendations.

## 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 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.

### Sika Gulf B.S.C. (c)

Tel: +973 177 38188

Email: info@bh.sika.com

Sika Kuwait Cons. Mat. & Paints Co WLL

Tel: +965 22 282 296

Email: sika.kuwait@kw.sika.com

Web: gcc.sika.com

### Sika UAE LLC

Sika UAE LLC (Branch)

Sika International Chemicals LLC

Tel: +971 4 439 8200

Email: info@ae.sika.com

Web: gcc.sika.com

### Sika Saudi Arabia Limited

Riyadh / Jeddah / Dammam / Rabigh

Tel: +966 9200 22167

Email: info@sa.sika.com

Web: gcc.sika.com

### Sika MB LLC

Oman

Tel. +968 22 826 500

Email: info@om.sika.com

Web: gcc.sika.com



ISO 9001, 14001, 45001 – SGS:  
- Sika UAE LLC  
- Sika International Chemicals LLC  
- Sika Gulf B.S.C. (c)  
ISO 9001, 14001 – SGS:  
- Sika Saudi Arabia Limited  
ISO 9001, 14001 – TÜV:  
- Sika UAE LLC (Branch)  
ISO 9001 – SGS:  
- Sika MB LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



### Product Data Sheet

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