

PRODUCT DATA SHEET

DAVCO K11 Concentrate

Used for interior and exterior below grade surfaces against concrete decay; structural slabs against hydrostatic pressure.

DESCRIPTION

Davco K11 CONCENTRATE is a ready-to-wet single-component waterproofing system. The material creates a strong and lasting waterproofed layer against dampness, ground water and hydrostatic pressure.

USES

For application on interior and exterior surfaces, against concrete decay and waterborne corrosive salts. For application to structural slabs against hydrostatic pressure.

CHARACTERISTICS / ADVANTAGES

- For negative and positive side
- Excellent bonding on concrete after immersion
- Non-toxic
- Direct application on masonry

PRODUCT INFORMATION

Packaging	25kg bag		
Shelf Life	12 months		
Storage Conditions	Stored in the original unopened container		
Density	Paste Density (D1475)	1.70 - 1.90 kg/L	
	Pot Life	1 hour	
	Initial Set	3 hours	
	Final Set	4 hours	
Compressive Strength	Days	MPa	PSI
	(ASTM C109)	7	8 - 10
		28	10 - 14
			1,160 - 1,450
			1,450 - 2,030

Average laboratory values (testing at 25°C/45-50%RH) provided as a general guide. Specifications are subject to change without notification. Results shown are typical but reflect test procedure used. Actual field performances depend on installation method and site conditions.

APPLICATION INFORMATION

Consumption

Approx. 3kg/sq.m

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

APPLICATION

- Make sure the substrate must be clean and free from laitance, oils, grease, curing agents or other foreign matters.
- Where repairs are required, LANKO 731 LANKAREP STRUCTURE PH should be used.
- DAVCO K11 CONCENTRATE must be applied on damp substrate. Pre-wet until damp prior to application of DAVCO K11 CONCENTRATE.
- Mix with up to 6.5 to 7.5 liters of clean water 25kg DAVCO K11 CONCENTRATE. Always mix the powder to the clean water by using mechanical stirrer. Mix for 2 to 3 minutes until a smooth lump - free consistency is achieved.
- Apply in minimum of 2 coats in perpendicular direction using a stainless trowel, block brush or roller. The 2nd coat must be applied while 1st coat is still green but sufficiently set so that it is not drawn off while applying the 2nd coat.
- The mixed material must not be applied at temperature below 5°C or on frozen surface, Thickness should not be more than 5mm in a single application.

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.

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