

PRODUCT DATA SHEET

Davco® K11 Slurry

Two-Component, Alkali-Reactive (Crystallization Process) Cementitious Waterproofing

DESCRIPTION

Davco® K11 Slurry is a two-component alkali-reactive (crystallization process) waterproofing system that forms a membrane capable to withstand hydrostatic pressure. This system is ideal for below grade surfaces

USES

For negative side/interior side waterproofing of concrete structures including:

- Basements
- Potable water reservoirs
- Tanks
- Cisterns

CHARACTERISTICS / ADVANTAGES

- Pre-packed
- Non-toxic
- Potable water compatible
- Good adhesion to concrete

APPROVALS / STANDARDS

- Tested according to Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2 (Emission testing method for California Specification 01350)
- Tested according to SS 375:2001 - Suitability of non-metallic product for use in contact with water intended for human consumption with regard to their effect on the quality of the water

PRODUCT INFORMATION

Packaging	<ul style="list-style-type: none">▪ Part A: 25 Kg Bag▪ Part B: 9 Kg Pail
Shelf Life	12 months from date of production if stored in original unopened container

Storage Conditions

Davco® K11 Slurry must be stored in a dry and shaded area. Powder part must not be in prolonged contact with ground/moisture

System Structure

At least 2 Coats of Davco® K11 Slurry (1.5 to 2.0 kg/m² per coat)

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.

USES

- Do not add hydraulic binders, cement, sand, admixtures or water
- Temperature range for use: +10°C to +30°C
- Clean tools with water before product dries
- Do not apply in full sunlight or on hot substrate
- Do not apply when expected to be exposed to UV for an extended period
- Do not use acid products for the maintenance of engineering structures. Take special care not to damage the mortar coating when cleaning with high pressure water

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.

APPLICATION INSTRUCTIONS**SUBSTRATE PREPARATION**

- The substrate must be clean, sound, dust - free and without any traces of oil. All loose particles must be raked out.
- Potholes and honeycombs must be repaired using approved cementitious material (e.g. SikaGrout®, Lanko® -731)
- Substrate must be sufficiently damp (saturated surface dry) but no ponding water

MIXING

1. Pour half of Part B (liquid) into clean container
2. Gradually add Part A (powder) while mixing with a slow mechanical mixer (max of 300 rpm)
3. Add remaining Part B (liquid) into the solution while mixing
4. Mix for at least 3 minutes until a uniform consistency is attained
5. Leave to stand for a few minutes until bubbles are negligible

APPLICATION

1. Apply 1st coat of Davco® K11 Slurry by brush, trowel, or roller
2. Allow the 1st coat to set
3. Apply the 2nd coat of Davco® K11 Slurry perpendicular to the 1st coat. 2nd coat must be applied while the 1st coat is still green but sufficiently set

CURING TREATMENT

- After the top coat has sufficiently hardened, cure the treated surface with a light mist of water at regular intervals (at least 3 times a day) for the initial 7 days.
- Do not expose to wind or prolonged sunlight without sufficient curing.
- Use hessian cloth if necessary.

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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Davco® K11 Slurry
January 2025, Version 01.01
020701010020000182

DavcoK11Slurry-en-PH-(01-2025)-1-1.pdf

