

PRODUCT DATA SHEET

DAVCO K11 Superflex

High-performance, UV resistant 2-component cementitious waterproofing mortar

DESCRIPTION

Davco® K11 Superflex is a two-component flexible hydraulic micro-mortar with a degree of UV resistance for the protection and waterproofing of masonry and concrete structures

USES

Waterproofing for:

- Reservoirs, water towers, engineering structure, retention tanks, etc.
- Under-tile waterproofing for swimming pools (bonded with Davco® Dustless Heavy Duty or Davco® Dustless Premium)
- Under-tile or mortar-covering waterproofing for balconies, terraces, and wetrooms

CHARACTERISTICS / ADVANTAGES

- Flexible hydraulic micro-mortar
- Excellent resistance to sea water & sulphated water
- Resistance to UV and micro cracking

PRODUCT INFORMATION

Packaging	34kg Set <ul style="list-style-type: none"> ▪ Part A: 23 Kg (Powder) ▪ Part B: 10 L (Liquid)
Shelf Life	12 months
Storage Conditions	Stored in its unopened container and in a cool, dry, elevated place.
Density	Paste Density (ASTM D1475) : 1.00 - 1.10 kg/L

TECHNICAL INFORMATION

Compressive Strength	ASTM C1593		
	Days	MPa	Psi
	7	0.6 - 0.8	87-116
	28	0.7 - 1.0	101.5-145

APPLICATION INFORMATION

Consumption

3-4 kg/m² per 2 coats

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

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

SURFACE PREPARATION

- The substrate must be clean, sound, dust-free and without any traces of oil.
- All loose parts must be taken-out.
- Fill honeycombing and bubbles.
- Where repairs are required, Lanko® 731 Lankorep Structure PH or equivalent mortars should be used.
- The substrate must be damp, but not running with water, during application.

MIXING

- Machine-mix only at low speed (300 to 500 rpm).
- Pour 3/4 of the resin into a suitable container.
- Add the powder gradually in order to obtain plastic consistency.
- Add the rest of the liquid and mix for another 3 minutes.
- Leave to stand for several minutes.

APPLICATION

- If applied by hand: Use brush or roller.
- Apply a first coat allowing a rough but reasonable quantity of 1.5-2 kg/m²
- The total thickness of the covering should be approximately 2mm and never less than 1.5mm.

CURING TREATMENT

- Possible covering materials: It may be left bare, or covered with tiling (bonded using Davco Tiling Sytem) or a cement mortar screed. High-traffic areas should be protected against abrasion.
- Water tanks and basins can be filled after 7 days drying.

Sika Philippines Inc.
888 Marcos Alvarez Ave.,
Talon V, Las Piñas City, Philippines 1747
Tel. No.: +63 2 8806-2875
Fax. No.: +63 2 8806-2883
Website: phl.sika.com

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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