

K11 SUPERFLEX

Used for interior and exterior below grade surfaces, concrete, brickwork, precast surface, potable water tank

Description

DAVCO K11 SUPERFLEX is a two-component flexible hydraulic micro-mortar for the protection and waterproofing of masonry and concrete structures.

Advantages

- Flexible hydraulic micro-mortar
- Excellent resistance to sea water & sulphated water
- Resistance to UV and micro cracking up to 4mm

Uses

Waterproofing:

- Reservoirs, water towers, engineering structures, retention tanks, etc.
- Under-tile sealant for swimming pools (bonded with DAVCO Dustless Heavy Duty or DAVCO Dustless Premium)
- Under-tile or mortar-covering sealant for balconies and terraces (except terrace roofs)
- Lift shaft basements, car parks, underground premises, etc.
- Under-tile sealant for damp premises

Protection against:

- Weathering (engineering structures, silos, concrete, domes etc.)
- Harmful water (underground tanks, water treatment stations, industrial discharge, etc.)
- Please contact us regarding the compatibility of coverings with contact products.

Product Use Technical Data

Paste Density (ASTM D1475) : 1.00 - 1.10 kg/L

	Days	MPa	PSI
Bond Strength	7	0.6 – 0.8	87 – 116
ASTM C1583	28	0.7 – 1.0	101.5 – 145

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

DISCLAIMER

The use of these products is beyond the manufacturer's control and liability is restricted to the replacement material if proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subject to change without prior notice.

Coverage

3-4 kg/m² per 2 coats

Packaging

34kg Set

Part A: 23kg Powder

Part B: 10L Bonding Agent

Storage & Shelf Life

Shelf life is 12 months if stored in its unopened container. and in a cool, dry, elevated place.

Precautions

- Working temperature range for use: 6°C to 35°C
- Minimum 2 coats (minimum total thickness on drying = 1.5mm)
- The substrate must be dampened prior to application.
- Do not re-dampen between coats. Wipe off any condensation water.
- Clean tools with water immediately after use.
- 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.
- Gloves should be worn.
- Water tanks must be rinsed thoroughly prior to filling.
- Hardened materials have to be removed mechanically.



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Website: www.davco.com.ph

Facebook: [www/facebook.com/DAVCO.philippines](https://www.facebook.com/DAVCO.philippines)

Youtube Channel: DavcoPH

ISO CERTIFIED

Las Piñas and Taguig - ISO 9001:2015 & ISO 14001:2015

Taguig - OHSAS 18001:2007

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A SIKA BRAND

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How To Use

Surface Preparation

- The substrate must be clean, sound, dust-free and without any traces of oil. All loose parts must be raked out.
- Fill honeycombing and bubbles.
- Where repairs are required, LANKO 731 LANKOREP STRUCTURE PH should be used.
- The substrate must be damp, but not running with water, during application.

Product Preparation

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

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