DAVCO K11 SLURRY

Two-component rigid 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 product is ideal for below grade surfaces against concrete decay and water-borne corrosive salts.

Advantages
• For interior and exterior use (below grade applications)
• High resistance to positive and negative pressure
• Non-toxic

Uses
• For application in interior and exterior below grade surfaces against concrete decay and waterborne corrosive salts.
• For application in between horizontal structural slabs and toppings against hydrostatic pressure
• Seals and protects masonry walls against algae or fungus growth caused by atmospheric pollutants and moisture
• To form waterproofed underlayments for vinyl and carpet
• Waterproof external walls against water seepage
• Waterproofing of surfaces before laying marbles or ceramic tiles to help prevent efflorescence
• Surface treatment to prevent absorption of concrete and autoclaved lightweight concrete (ALC) blocks
• Suitable substrates: Concrete, brickwork, precast surface, lightweight blocks, etc.
• Potable water reservoir, tanks and cisterns

Technical Data

<table>
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<tr>
<th>Pot life</th>
<th>30 mins</th>
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<tr>
<td>Paste Density</td>
<td>1.70 - 1.90 kg/L</td>
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| ASTM C109 |
|---|---|---|
| Compressive Strength | 15 – 25 | 174 – 217.5 |
| Bond Strength | 0.9 – 1.2 | 130.5 – 174 |

*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 procedures used. Actual field performance will depend on installation methods and site conditions.

Packaging
34kg Set: Part A powder 25kg and Part B bonding agent 9kg

Shelf Life
12 months if stored in the original unopened container.

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.

Learn more about us online:
Website: www.davco.com.ph
Facebook: www.facebook.com/DAVCO.philippines
Youtube Channel: DavcoPH

ISO CERTIFIED
Taguig - OHSAS 18001:2007

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Sika
Building Trust
DAVCO K11 SLURRY

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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 particles must be raked out.
- Where repairs are required, use DAVCO LANKO 731 LANKOREP STRUCTURE PH.

Structures:
- Pre-wet and saturate the concrete surface with clean water. Do not allow water to pool or form into pond. When still damp, apply the DAVCO K11 Slurry mixture.

Product Preparation:
- Always add DAVCO K11 Slurry Powder Part A to DAVCO K11 Bonding Agent Part B. While continuously stirring, mix for 2 - 3 minutes using a mechanical stirrer until a smooth creamy, lump - free consistency is achieved.
- Leave to stand for several minutes until no bubbles are present in the mix.

Application:
- Wet the substrate prior to application. The mixed DAVCO K11 Slurry is then applied onto the substrate in a stiffing action using blocked brush.
- Apply a minimum of 2 coats perpendicular to one another.
- The 2nd coat must be applied while the 1st coat is still green, but must be sufficiently set so that it is not drawn off while applying the 2nd coat.

Curing
After DAVCO K11 Slurry coating has hardened, cure the treated surface with a light mist of clean water at regular intervals of three (3) times a day, for the initial 2 - 3 days. In extremely hot weather, curing period may have to be extended to several days.

Precautions
- 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.
- Where possible, carry out external application in shady cool conditions.
- Take all necessary precautions to prevent over fast drying.
- 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.
- Water tanks must be rinsed thoroughly prior to filling.
- Hardened materials have to be removed mechanically.

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