



AC PRIME

2 PART CEMENTITIOUS POLYMER PRIMER



ECO FRIENDLY



INCREASE BOND
STRENGTH



HIGH BOND
STRENGTH

DESCRIPTION

Davco AC Prime is a dual component technologically advanced acrylic based multipurpose primer agent, for use prior to the application of mortar systems onto porous or submerged substrates and concrete. Davco AC Prime increases the bond strength of cementitious mortar screeds, plaster, acrylic polymer cementitious floor coatings, and concrete repair products.

USES

Davco AC Prime can be used as a wall, floor primer, in internal and external applications.

Davco AC Prime can be applied in submerged areas, concrete and most common porous building substrates prior to the application of Davco 783 APCC, patching and repair mortars systems.

Davco AC Prime reduces the porosity of substrates by providing a consistent surface to regulate the drying of Davco mortar systems.

Davco AC Prime can be used on cross laminated timber to increase the adhesion of mortar systems.

SURFACE PREPARATION

Surfaces, must be dry, structurally sound, clean, free of dust, dirt, wax, oil, grease, asphalt, mastic, latex compounds, adhesives, paint, gypsum based products, and other contaminants.

All concrete sub-floors must be fully cured and dry. They must be free of laitance, loose or deteriorated concrete, curing or form release agents, other contaminants and have a wood float finish.

Deeply contaminated substrates must be abraded to a clean, sound surface.

Rendered surfaces must be allowed to cure for at least 7 days.

Old concrete and rendered surfaces must be thoroughly cleaned prior to using Davco AC Prime.

TECHNICAL DATA

| | |
|----------------------|---------------|
| Mixture density | 1840 kg / L |
| Drying time | < 1 - 2 hours |
| Adhesion to concrete | > 1.5 MPa |

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.

MIXING & APPLICATION

Mixing

Davco AC Prime is supplied in two parts. Mix Part A to Part B in the set and mix until you get a smooth slurry. The product must not be diluted.

Application techniques:

Porous concrete surfaces should be primed with Davco AC Prime.

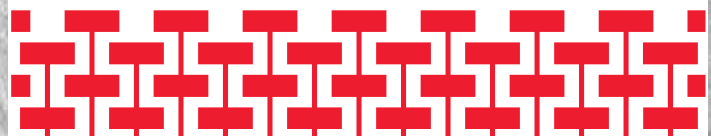
Under hot, windy conditions (Temp above 30°C), it is essential to wet down any concrete slabs with clean water prior to priming, so that the primer does not flash dry. Whilst wetting down the floor, do not allow the water to pool or pond on the surface. The substrate should appear matt, with no signs of glistening water just prior to application of the primer.

Extremely porous concrete slabs should be wet down with water, as per instructions for hot, windy conditions, to prevent flash drying of the primer.

Measure the required amount of primer for the area to be covered.

Apply the measured quantity of Davco AC Prime.

BUILDING TRUST





AC PRIME

COVERAGE

1 kg of Davco AC Prime covers approximately 1.5 - 1.8 m² at 0.3mm (WFT). Surface texture and site conditions can alter the coverage of any particular installation.

PACKAGING

Part A 10 kg liquid
Part B 20kg powder

SHELF LIFE

Storage: must be stored in a cool, dry elevated place and protected from high humidity.

Shelf Life: Up to 12 months in unopened containers, if stored as specified above.

CLEANING

Excess primer and tools must be cleaned with water prior to the drying of the primer.

HEALTH & SAFETY

Care should be taken when handling, that applicators wear PVC or similar gloves and safety goggles.

Refer to safety data sheet.

Disclaimer

The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice. Before application, customers and users are requested to check that they have the latest version of this document from our website www.sika.com.sg

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