



124 ULTRAPRIME

ACRYLIC PRIMER FOR POROUS SUBSTRATE



ECO FRIENDLY



HIGH PERFORMANCE



INCREASE BOND STRENGTH

DESCRIPTION

Davco 124 Ultraprime is a technologically advanced acrylic based multipurpose primer, for use prior to the application of Davco mortar systems onto porous substrates. Davco 124 Ultraprime increases the bond strength of cementitious mortar systems, such as floor levellers and patching and repair products. Davco 124 Ultraprime is coloured blue, to allow for easy identification.

USES

Davco 124 Ultraprime can be used as a wall and floor primer, in internal and external applications.

Can be applied over timber, concrete and most common porous building substrates prior to the application of Davco floor levellers and patching and repair mortars systems.

Davco 124 Ultraprime reduces the porosity of substrates by providing a consistent surface to regulate the drying of Davco mortar systems.

The application of Davco 124 Ultraprime prior to applying Davco floor levellers reduces pin-holing.

Davco 124 Ultraprime increases the adhesion of Davco 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, in accordance with AS1884-1985 (maximum moisture content 5.5% or 70% humidity).

TECHNICAL DATA

Properties:

Appearance Blue Liquid

Specific Gravity of Mix 1.0 ± 0.05

Drying Time at 20°C 30 min

Flash Point Non flammable

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.

SURFACE PREPARATION (CON'T)

They must be free of laitance, loose or deteriorated concrete, curing or form release agents, other contaminants and have a wood float finish. For sub-floors with a high moisture content or subject to rising damp, apply Davco 124 Ultraprime. Refer to datasheet for specific instructions.

Non-porous surfaces, such as power trowelled or steel floated concrete, must be primed with Davco 124 Ultraprime. Alternatively, they can be acid etched or mechanically abraded.

Deeply contaminated substrates must be abraded to a clean, sound surface or some substrates can be prepared with the use of Davco 124 Ultraprime.

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 124 Ultraprime.

Ensure release agents are removed from cement surfaces, especially tilt-up slabs.

MIXING

Davco 124 Ultraprime is supplied ready for use - the product must not be diluted.

BUILDING TRUST





124 ULTRAPRIME

APPLICATION

Only porous concrete surfaces should be primed with Davco 124 Ultraprime. Use Davco 124 Ultraprime directly from the container-do not dilute.

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 on 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 124 Ultraprime to the substrate evenly using a broom, brush, roller or squeegee. This will ensure that the correct coverage is achieved. Allow the primer to dry.

Once Davco 124 Ultraprime is applied, it is recommended that the substrate be subsequently coated within 24 hours. Otherwise you risk the chance of re-contaminating the surface with site dirt and dust. If the area is left uncovered for more than 6 hours, then it must be wiped down with clean water to remove site dirt and dust before overcoating. Do not prime an area that cannot be overcoated within 24 hours. If a substrate has been coated with Davco 124 Ultraprime and has been left for over 24 hours, it must be wiped down with clean water to remove any site dirt and dust, and re-primed before overcoating.

COVERAGE

1 litre of primer covers approximately 5-10m². Surface texture and site conditions can alter the coverage of any particular installation.

PACKAGING

5 litres and 20 litres.

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.

PRECAUTIONS

Do not allow the product to freeze. Do not use the product in temperatures below 5°C or above 35°C.

Not to be used over non-porous surfaces, such as power trowelled or steel floated concrete. Refer to surface preparation section for instructions.

The use of Ultraprime does not preclude good surface preparation practices. See surface preparation section.

Do not use on highly porous slabs, or in hot windy conditions without prior wetting down the slab - see application instructions.

RECOMMENDATIONS

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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