



# T-PRIME

## PRIMER FOR ENHANCED ADHSION OF LOW ABSORPTION TILES

### DESCRIPTION

Davco T-Prime is a water-based adhesion-promoting primer specially formulated to improve the adhesion of very low water absorption tiles such as porcelain tiles.

Davco T-Prime is applied directly onto the back surfaces of tiles prior to the application of tile adhesive to significantly enhance the bond provided by Davco tile adhesives. This considerably reduces the possibility of tile shifting or popping tiles that may be caused by poor adhesion of low water absorbency of tiles.

### USES

Davco T-Prime is ideal for the preparation of smooth, dense and low water absorption substrates particularly in small and large formatted floor and wall porcelain tiles with extremely low water absorption rate.

Davco T-Prime controls absorbency and adhesive drying rates, stabilizes bases, increases water resistance in immersed applications and promotes adhesion to difficult substrates for long term durability.

### ADVANTAGE

- Provide excellent adhesion between tile adhesives and the back of most types of tiles/stones especially those with low or no absorption.
- Good water resistance.
- Non-toxic.
- Do not contain metal attacking elements.
- Easy application by brush or roller

### SURFACE PREPARATION

Ensure that back surfaces of the tiles are sound, dry and free from dust, grease, wax, oil, curing compounds and other contaminating materials.

### TECHNICAL DATA

Colour	Yellowish
Drying Time	Approx. 60 min
Water Resistance	Excellent
Density	1.00 +/- 0.02kg/m <sup>3</sup>

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

### APPLICATION

- Stir or shake well before use.
- Do not dilute the product as it is supplied ready to use.
- Apply one coat of Davco T-Prime directly onto back of the tile/stone using either a roller or brush.
- Allow the applied material to dry completely for approximately 1-2 hours (depending on ambient conditions) before subsequently back-buttering the tile adhesive.
- The applied Davco T-Prime on the back of the tile can be left to cure for up to 24 hours but ensure that the surface is free of dust and contaminants before tile adhesive application.
- After Davco T-Prime has cured, Davco tile adhesive can then be applied onto the back of the tile by back buttering.
- Do not notch the tile adhesive with a notched trowel during back buttering as this may scratch off the layer of Davco T-Prime.

#### Note

- Davco T-Prime is not suitable for application on highly porous tiles.
- Diluting T-Prime with water will affect the product performance.





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## COVERAGE

6.0 - 10.0 m<sup>2</sup> per litre depending on the substrate condition.

## PACKAGING

Davco T-Prime is available in 20 litres pail.

## SHELF LIFE

Shelf life of up to 12 months from the date of manufacture. Store in a cool place away from direct sunlight. Avoid freezing of the primer.

## CLEANING

Clean all brushes, rollers, trays, buckets and surrounding areas with clean water before the product sets.

## HEALTH & SAFETY

Davco T-Prime is non toxic. In case of excessive skin contact, thoroughly flush with clean water. If ill effects occur, seek medical attention promptly. 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](http://www.sika.com.sg)

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Updated Apr 2022

