



BUILDING TRUST



## PRODUCT DATA SHEET

# Davco Injectabond

A LIQUID POLYMER SYSTEM DESIGN FOR INJECTION UNDER LOOSE OR POORLY BONDED TILES TO REINSTATE TILES TO A SECURELY BONDED STATE

### DESCRIPTION

Davco Injectabond is a liquid polymer system designed to be injected under loosely bonded tiles to reinstate tiles to a securely bonded state.

The liquid polymer system is available in both wall and floor options as Davco Injectabond Wall & Davco Injectabond Floor by Tile Reglue Injection Method (TRIM) approved applicators.

Davco Injectabond may also be used to repair installation that are subjected to constant immersion when mixed with Tile Reglue Injection Method (TRIM) recommended mortar by approved applicators.

### USES

Davco Injectabond can be used for consolidating loose or drummy tiling installations on both wall and floor applications.

Davco Injectabond may be used to inject over most typical construction substrates such as, Plasterboard, fibre cement sheeting, timber flooring (tongue n groove), Particleboard, plywood (non marine grade), concrete, cement render & screed, AAC (Autoclaved concrete blocks), and CMU (concrete masonry units) Davco Injectabond may be used to inject under most types of the following tile types,

- Ceramic tiles
- Porcelain tiles
- Glass mosaics
- Vitrified tiles
- Natural Stone and man-made stone not sensitive to moisture
- Terracotta
- Slate
- Quarry tiles

### PRODUCT INFORMATION

Product Declaration

AS ISO 13007.1 D2 Classification

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Davco Injectabond  
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<b>Packaging</b>	20 Litres pails
<b>Shelf life</b>	12 months from date of manufacture.
<b>Storage conditions</b>	Store product in dry cool conditions out of direct sunlight.
<b>Appearance / Colour</b>	White Liquid
<b>Specific gravity</b>	0.95kg per Litre

## TECHNICAL INFORMATION

<b>Tensile Adhesion Strength</b>	Tensile Strength at 28 Days	> 0.5MPa
	Shear Strength at 28 days	> 1.0 MPa
	Tensile Strength after water immersion	> 0.5 MPa
	Shear strength after heat aging	> 1.0 MPa

## APPLICATION INFORMATION

<b>Dispensing</b>	<ul style="list-style-type: none"> <li>▪ Floor Injection - a minimum coverage rate of 80% must be achieved to the available cavity/void space in dry areas.</li> <li>▪ Wall Injection - a minimum coverage of 60% must be achieved to the available cavity/void space in dry areas.</li> <li>▪ Wet Areas and external areas must achieve 90% coverage to the available cavity/void space.</li> <li>▪ For areas of constant immersion, a minimum 90% coverage to the available cavity must be achieved.</li> </ul>
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## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## FURTHER INFORMATION

- Do not apply Davco Injectabond in temperature's above 35°C or below 5°C.
- Do not allow Davco Injectabond to skin or dry on the surface face of the tiles.
- Davco Injectabond is ready to use, do not add water.
- Davco Injectabond requires bedding support by existing adhesives and substrate in areas of heavy traffic and point loading.
- For immersed applications Injectabond must reach full cure prior to immersion at a minimum of 21 days at 21Deg C and 50%RH.
- Do not use Davco Injectabond unless the tiles have cleanly de-bonded and an injection cavity can be identified
- Do not use Davco Injectabond if contaminants are present which may adversely affect its ability to bond the surfaces involved.
- Sound tiles or part tiles not treated at the time of injection may be subject to further movement and subsequent failure.
- Protect the areas treated from the ingress of water and allow the Davco Injectabond to cure prior to returning to service.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

Davco Injectabond shall be installed in accordance with the strict Tile Reglue Injection Method (TRIM) by only approved applicators.

### CLEANING OF TOOLS

- Tools and equipment can be cleaned while the adhesive is still wet with clean water.
- Remove excess adhesive from the face of the tiles prior to drying.
- If the adhesive dries, clean off the surface with white spirits or thinners used sparingly.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommenda-

tions relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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