

# Davco



## Product Data Sheet

# Ultrabond



A 2 part primer and bond enhancer for use over contaminated surfaces prior to tile adhesive



## WHERE TO USE

### Surfaces

Most common substrates; glazed ceramic tiles and vinyl tiles, standard and varnished timber, epoxy resin coatings, acrylic or oil based painted surfaces, metal surfaces, laminate, over old vinyl or carpet adhesive, most waterproofing membranes, other non porous shiny surfaces.

### Areas

Suitable for interior and exterior applications. Commercial and domestic walls and floors.

## PRODUCT INFORMATION

### VOC Content

Low VOC - Specification for V2 IEQ-13, V1.1 IEQ-11

### Coverage

20kg bag of Davco Ultrabond powder (Part A) mixed with 5 litres of Davco Ultrabond liquid (Part B) covers approximately 7m<sup>2</sup> at 2mm thick (depending upon site conditions)

### Drying Time

6-8 hours at 22°C

## FEATURES & BENEFITS

- Easy to apply with brush or roller
- For use over traditionally difficult tiling surfaces or existing tiles
- Grey formulation when mixed
- For use over contaminated surfaces prior to tile adhesive

## PACKAGING

Part A available in a 20kg bag

Part B available in a 5L jerry can or a 10L pail

### Kits Available

**5L kit:** 5L jerry can + 20kg bag

**10L kit:** 10L pail + 2x20kg bag



MADE IN AUSTRALIA



## DIRECTIONS FOR USE

- Test the product in an inconspicuous area first

## SURFACE PREPARATION

- All surfaces must be installed according to manufacturer's instructions and relevant Australian Standard(s) and be structurally sound, dry, clean and free from movement, laitance, oil, grease, wax, curing compounds, release agents and any other loose or contaminating material. Thoroughly clean old surfaces, or new surfaces that have been treated, prior to priming
- Any gaps / voids in the substrate must be treated, such that the gap / void is firmly filled and fully supported

### Metal Surfaces

- Ensure that all metal surfaces are totally free of rust
- Prime the metal surface using zinc chromate or etch primer

### Cracks

- Small hairline cracks which experience no movement may be filled by the first application of Ultrabond
- For hairline cracks wider than 2mm, a joint filler should be applied along the length of the crack prior to the application of Ultrabond
- Structural shrinkage cracks up to greater than 2mm wide which can experience movement must be filled firstly with a silicone based masonry sealant. Then place a 50mm wide polythene or polypropylene tape over the crack ensuring it adheres to the surface. The Ultrabond membrane should then be applied over the tape and be allowed to cure for at least 6 hours prior to applying a second coat

### Existing Ceramic Tiles

- Existing ceramic tiled surface should first be cleaned with Davco Tile & Grout cleaner prior to using Ultrabond

## MIX PREPARATION

### Mix Process

1. Ultrabond is a 2 part primer and bond enhancer for on-site mixing.
2. Each 20kg of Ultrabond powder requires 5 litres of Ultrabond liquid by weight. To mix by volume, combine 3 parts liquid to 10 parts powder.
3. Add powder slowly into the liquid while mechanically stirring to ensure proper mixing. Always add powder to liquid.
4. Allow the mix to stand for 10 minutes and then re-stir before using.

## APPLICATION

- Apply Ultrabond with a brush, roller or flat steel trowel
- Using a 6mm tradesmans tiling trowel. Pour the mixed Ultrabond onto the surface, holding the notched trowel at 45° to the surface, notch it evenly onto the surface. Use the back flat edge of the trowel to smooth the notches to create a smooth layer of Ultrabond
- Ensure that the thickness of the coating is minimum 2mm and maximum 3mm. This can be achieved in one application or in 2 coats. If applied in 2 coats allow 45 minutes between coats
- Allow Ultrabond to cure for 6-8 hours prior to applying tile adhesive. Do not use premixed adhesives over Ultrabond as they will not dry

## Clean-up & Return to Service

- Tools and excess Ultrabond can be cleaned up with water while it is still wet

## PRECAUTIONS

### Safety

- SDS is available from [www.davcoaustralia.com.au](http://www.davcoaustralia.com.au)

## General

- Do not apply in temperatures above 35°C or below 5°C
- Do not allow the product to freeze
- Do not thin product, it is supplied ready for use

## Specific

- Do not use where negative hydrostatic pressure is evident (i.e. rising damp), as it affects the bond of Ultrabond. Contact ParexGroup for product recommendation in areas where negative hydrostatic pressure exists
- Delay external applications when inclement weather is imminent
- Once applied the Ultrabond must not be exposed to intermittent water for at least 2 days
- Do not apply Ultrabond over gaps or voids, these areas must be appropriately filled, prior to application
- Do not apply to damp surfaces
- Not suitable for use in fully immersed installations e.g. swimming pools

## LEGAL NOTES

The information, and, in particular, the recommendations 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.



Davco products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.

## TECHNICAL DATA

TECHNICAL DATA	ULTRABOND
Appearance when mixed	Grey
Pot life	1.5 hours
Shelf life when stored unopened in elevated, cool, dry location	12 months

All measurements are taken at 22°C and 50% relative humidity. Specifications vary according to site conditions and should be taken as a guide only.

### Sika Australia Pty Ltd

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