

# Technical Innovations

## Powder Mastic Adhesive

Powder Mastic's revolutionary technology is specifically designed for fixing today's large format tiles and minimising lipping caused by slump and shrinkage during setting.

- Off-white colour
- No vertical slip
- No horizontal slump
- Shrinkage compensated
- C1S1ET rating
- Coverage 10 m<sup>2</sup> per 20 kg bag (6mm notched trowel)



## Glass Mosaic Additive

Glass Mosaic Additive is a 2-part system for adhering and grouting most types of mosaics in one easy step. Just add your choice of Davco Sanitized<sup>®</sup> Colorgrout to make a combined adhesive and grout coloured paste.

- For grout joints (width and depth) of 3mm or less - one step application
- For joints greater than 3mm - adhere tiles with combined paste; then grout with same paste after 8 hours curing
- Suitable for use over waterproofing membranes - refer technical data sheet for full details



## K10 Plus Waterproofing

Davco K10 Plus is a highly flexible, single-pack, water-based polyurethane liquid waterproofing membrane for use in most interior and exterior wet areas.

- Superior Class III flexibility (elongation at break 563%)
- Easy paint on, roller or airless spray-on application
- No reinforcing required (bond breaker still required)
- Environmentally friendly, non-hazardous formulation
- For shower recesses, laundries, balconies, terraces, etc
- Not for use in areas of permanent immersion, swimming-pools or where negative hydrostatic pressure is evident
- Passes AS/NZ4858:2004 Wet Area Membranes (CSIRO Test Report 3082 15/2/05; BRANZ accreditation pending)



Distributed exclusively in New Zealand by Jacobsen Creative Surfaces Limited and available only through approved stockists.

### Product Range

- Tile Adhesives
- Tile Grouts and Additives
- Lanko Floor Levelling Compounds
- Waterproofing Solutions
- Impact Sound Reduction Systems

### DISCLAIMER

The correct use of these products 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.

All workmanship must be carried out in accordance with BRANZ good tiling practice and the relevant Davco Technical Data Sheet and Specification which are available from:

[www.davco.com.au](http://www.davco.com.au)

Your nearest stockist



Product  
Guide

**Davco**  
EXCELLENCE IN  
TILING SYSTEMS

## Product Range

### Tile Adhesives

- Econofix - for interior white wall tiles
- F1 Express - highest flexibility, fastest setting adhesive
- Powder Mastic - latest technology for large format tiles
- SE-7 (with Davemastic) - for permanent immersion situations
- SMP 2010 - for stone, marble and porcelain
- Supamastic - pre-mixed mastic adhesive
- Super TTB - general purpose adhesive for rigid substrates
- Ultraflex - premium grade adhesive for flexible substrates

### Grouts, Primers and Additives

- Davelastic - acrylic polymer additive for adhesives
- Epoxy Grout - 3-part coloured epoxy grout system
- Sanitized® ColorgROUT - for 1-3mm grout joints
- Sanitized® Superfine White Grout - for 1-6mm grout joints
- Slate and Quarry Grout - for 6-12mm grout joints
- 4-in-1 Grout Additive - acrylic polymer grout additive
- Grout Cure Additive - an easy alternative to epoxy grout
- Glass Mosaic Additive - 2-part adhesive/grout system
- Ultrabond - 2-part primer/bond enhancer
- Ultraprime - acrylic based multi-purpose primer

### Flooring Levelling Compounds

- 124 Ultraprime - acrylic based multi-purpose primer
- 133 Pro Level - interior/exterior self-levelling compound
- 134 Pro Level Express - for carpet and vinyl installation
- 135 Feather Edge - trowel on 0-10mm per coat
- 136 Rapid Patching Mortar - trowel on 0-25mm per coat
- 189 Bulk Fill Screed - trowel on 0-100mm per coat

Poor surface preparation is the number one cause of tiling installation and floor levelling failures; always prime porous surfaces using Ultraprime first.

## Technical Information

### Choosing the Correct Adhesive Made Easy

The recently released AS4992 standard has made adhesive classification more precise and simple. Read below and you will understand how to easily compare adhesive price/performance.

#### Types of Adhesive

- Cementitious Adhesives (C) cement based adhesives
- Dispersion Adhesives (D) pre-mixed mastic adhesives

#### Fundamental Characteristics (in brief)

- C1 Normal Setting Adhesive 6 Tensile Adhesion Strength  
28 day Cure > 0.5N/mm<sup>2</sup> (MPa)
- C2 Improved Adhesive 6 Tensile Adhesion Strength  
28 day Cure > 1.0 N/mm<sup>2</sup> (MPa)

#### Optional Characteristics

- F Fast Setting
- E Extended Open Time
- T Slip Resistance
- S Transverse Deformation
- S1 - Deformable
- S2 - Highly Deformable

Example : Powder Mastic C1S1ET can be broken down into:

| C1              | S1                | E                  | T                    |
|-----------------|-------------------|--------------------|----------------------|
| Normal Adhesion | Flexible Adhesive | Extended Open Time | Non Slip / Non-Slump |

### Saving Time and Costly Mistakes

Key considerations when fixing modern porcelain tiles:

- They are extremely dense (<0.05% absorption) - always use a Davco premium adhesive to ensure proper adhesion.
- Large format tiles require very flat surfaces - levelling the floor first will result in a better, quicker and easier installation.
- Minimise lipping by using enhanced technology adhesives such as Powder Mastic which is shrinkage compensated, non-slump and has extended working time.

## Product Warranty

### 15 Year Warranty



### About Davco

Davco Construction Materials is the Australian market leader in the manufacture of tile adhesives, grouts, sealants, waterproofing and building products.

With the "Davco" brand established for over 30 years, Davco Construction Materials has achieved its current position as the Australian market leader through a total commitment to research, development and manufacturing technology.

From initial concept, through research and development, to the highest manufacturing standards, Davco achieves and exceeds standards and performance required by the market.