

## ADHESIVE SELECTION GUIDE

**Davco**  
EXCELLENCE IN TILING SYSTEMS

• Not Recommended ✓ Recommended

	Ultraflex	Powder Mastic	Econofix	Super TT8	Super-mastic
AS4992 Classification	C1S1E	C1S1ET	C1S1E	C1	D1TE
Appearance	Grey Powder	Off White	Bright White	Grey Powder	White Paste
KG/bag (*per 15L pail)	20	20	20	20	23*
M <sup>2</sup> coverage using 6x6mm notched trowel	12	10	12	6	11-15
Mixing Ratio: Litres of water / bag	6	6	6	5	-
<b>PROPERTIES (APPROX. TIMES AT 20° C)</b>					
Open Time (minutes)	10	30	15	7	20
Adjustment Time (minutes)	15	25	20	10	45
Pot Life (hours)	1.5	2	2	0.67	-
Drying Time (hours)	6	24	6	24	24
<b>SUBSTRATES</b>					
<b>INTERIOR • WALLS</b>					
Cement Render	✓	✓	✓	✓	✓
Fibre Cement Sheeting	✓	✓	✓	✓ <sup>1</sup>	✓
Existing Ceramic Tiles	Use Ultrabond - refer datasheet <sup>2</sup>				
Gypsum Plasterboard (initially abrade)	✓	✓	✓	✓ <sup>1</sup>	✓
Painted Surfaces (initially abrade)	Use Ultrabond - refer datasheet <sup>2</sup>				
Gypsum Plaster	✓	✓	✓	✓ <sup>1</sup>	✓
Render Brickwork	✓	✓	✓	✓	✓
Metal (primed)	•	•	•	•	•
<b>INTERIOR • FLOORS</b>					
Concrete	✓	✓	•	✓	•
Cement Screeds	✓	✓	•	✓	•
Fibre Cement Sheeting	✓	✓	•	✓ <sup>1</sup>	✓
Timber - Tongue & Groove	Use F1 Express - refer datasheet <sup>2</sup>				
Existing Ceramic Tiles & Natural Stones	Use Ultrabond - refer datasheet <sup>2</sup>				
Plywood / Chipboard	Use F1 Express - refer datasheet <sup>2</sup>				
Most Waterproofing Membranes	✓	✓	•	•	•
Heated Concrete Slabs (Under Floor Heating)	✓	✓	•	•	•
Terrazzo Floors	Use Ultrabond - refer datasheet <sup>2</sup>				
Existing Vinyl, Rubber or Linoleum	Use Ultrabond - refer datasheet <sup>2</sup>				
Metal (primed)	•	•	•	•	•
<b>EXTERIOR • BALCONIES, TERRACES AND FACADES</b>					
Concrete, Cement Render & Screeds	✓	✓	•	✓ <sup>1</sup>	•
Existing Ceramic Tiles	Use Ultrabond - refer datasheet <sup>2</sup>				
Natural Stone & Facades	Use SMP 2010 - refer datasheet <sup>2</sup>				
<b>IMMERSED AREA • SWIMMING POOLS</b>					
Concrete, Cement Render & Screeds	Use SMP 2010 - refer datasheet <sup>2</sup>				

<sup>1</sup> Only recommended with the use of Davelastic

<sup>2</sup> Refer [www.davco.com.au](http://www.davco.com.au) for technical datasheet

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

### Other products in the Davco Range

- 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



## Premium Adhesives

### Ultraflex

premium grade adhesive for flexible substrates

Ultraflex is our biggest selling adhesive. It is specifically designed for fixing low porosity ceramic and porcelain tiles to concrete substrates and most flexible building boards, and also for use over most waterproofing membranes.

- Fast setting - cures in 6 hours
- For use over tile and slate underlay, Villaboard® and all types of GIB® plasterboard
- C1S1E rating
- Coverage 12 m<sup>2</sup> per 20kg bag (6mm notched trowel)



### Powder Mastic

latest technology for large format tiles

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.

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



### Econofix

for interior white wall and floor tiles

Econofix is our recommended adhesive for fixing white wall tiles and translucent tiles to avoid the adhesive showing through.

- Fast setting - cures in 6 hours
- Ideal for bathroom walls
- C1S1E rating
- For interior use only
- Coverage 12 m<sup>2</sup> per 20kg bag (6mm notched trowel)



## Standard Adhesives

### Super TTB

general purpose adhesive for rigid substrates

Super TTB is our most popular general purpose adhesive. It is suitable for fixing most types of ceramic and porcelain tiles to rigid substrates and in situations where the performance of a premium grade adhesive is not required.

- Economy price
- Add Davelastic for increased flexibility, bond strength and water resistance
- C1 rating
- Coverage 6 m<sup>2</sup> per 20kg bag (6mm notched trowel)



### Supamastic

pre-mixed acrylic mastic adhesive

Supamastic is our recommended DIY adhesive because it is convenient, quick and easy to use. It is suitable for thin-bed fixing of most interior wall and floor tiles.

- No mixing required
- No vertical slip; extended adjustment time
- Never apply Supamastic directly over any timber or concrete floor; for interior use only
- D1TE rating
- Coverage 11-15 m<sup>2</sup> per 15L pail (6mm notched trowel)



## Choosing the Correct Adhesive

All the above Davco adhesives are one-part flexible cement-based adhesives (with the exception of Supamastic) suitable for the fixing of all types of interior and exterior floor and wall tiles including ceramic, mosaic, vitrified, porcelain, terracotta, slate, quarry, granite and most marble.

All surfaces must be structurally sound, dry, clean and free of oil, grease, wax, laitance, curing compounds and any other loose or contaminating materials prior to installation.

Choose the correct adhesive, primer and additive using the ADHESIVE SELECTION GUIDE overleaf.

## Special Purpose Adhesives

### F1 Express

fastest setting, highest flexibility adhesive

F1 Express is our fastest setting and most flexible adhesive. It is specifically designed to withstand the thermal, vibrational and shrinkage movement experienced in such substrates as fibre cement sheeting, gyprock plaster and even timber floors.

- Rapid set - dries in 4-5 hours
- S2 rating - highest flexibility
- C1S2E rating
- Coverage 12 m<sup>2</sup> per 15kg bag (6mm notched trowel)



### SE-7

for use in areas of permanent immersion e.g. swimming pools

SE-7 is a general purpose adhesive for fixing tiles to rigid substrates. With the addition of Davelastic additive, it is our recommended adhesive for fixing tiles onto facades and in immersed situations such as swimming pools, spas, etc.

- Add Davelastic additive for increased flexibility, bond strength and water resistance
- C1 rating
- Coverage 7 m<sup>2</sup> per 20kg bag (10mm notched trowel)



### SMP 2010

for high quality stone, marble and porcelain installations

SMP 2010 is specifically designed for fixing high quality stone, marble and porcelain (SMP) installations which require a higher bond strength and less shrinkage than normal ceramic tile fixing.

- C2 rating - highest bond strength
- Shrinkage compensated
- C2S1E rating
- Coverage 4.5 m<sup>2</sup> per 20kg bag (10mm notched trowel)

