

# SWIMMING POOLS & SPAS

(not immersed, surrounding areas)



<b>Adhesive System</b>	Davco SE-7 plus Davelastic - a high strength super grade adhesive system for tile installations subject to vibration and movement. Use in accordance with manufacturer's instructions.
<b>Waterproofing System</b>	Davco Dampfast - a cement based, flexible, 2-part waterproofing and sealing membrane. CSIRO appraised and Type Tested, Dampfast is ideal for waterproofing swimming pool surrounds. The membrane must be fully cured prior to tiling.
<b>Substrate</b>	Reinforced concrete slab, rendered brick or blockwork. All substrates should be allowed to cure for six weeks (refer to AS3958-1991 Table 4.3).
<b>Surface Preparation</b>	Ensure the surface is structurally sound, dry, clean and free of all contaminants. Concrete surfaces should be wood float finished. Steel trowel finished slabs should be acid washed or mechanically abraded. Remove curing compounds and release agents from concrete surfaces. <i>Prime with Davco Ultraprime.</i>
<b>Optional Screed</b>	<b>Floors</b> - Screed if fall is required to a drainage point or if variance in the surface is greater than 5mm in every 3m. Apply splash coat first, then screed. <b>Screed splash coat:</b> <ul style="list-style-type: none"> <li>• 1 part Davelastic (diluted 1:1 with water)</li> <li>• 1 part neat cement</li> </ul> <b>Screed:</b> <ul style="list-style-type: none"> <li>• 1 part cement</li> <li>• 3 - 4 parts clean washed sand</li> <li>• 1 part Davelastic to 3 parts water</li> </ul> <i>Screed should be a minimum 25mm thick. The bed must incorporate a form of wire reinforcement (eg. Expamet).</i>
<b>Mixing</b>	<ul style="list-style-type: none"> <li>• 20kg of Davco SE-7 requires 3 litres of Davelastic diluted with 3 litres of water.</li> <li>• 20kg of Dampfast powder requires 10 litres of Dampfast liquid.</li> </ul>
<b>Adhesive Application</b>	For the installation of floor tiles use a 10mm x 10mm notched trowel. Butter coat rear of grooved or ridged tiles. Do not soak tiles.
<b>Waterproofing Application</b>	In any one coat the wet thickness must be between 1 and 2mm. Allow the first coat to dry for approximately 45 minutes at 20°C. Burst any air bubbles before applying a second, at a 90° angle to the first coat.
<b>Coverage</b>	<ul style="list-style-type: none"> <li>• A 20kg bag of Davco SE-7 will cover approximately 7m<sup>2</sup> using a 10mm x 10mm-notched trowel.</li> <li>• 10lt/20kg of Davco Dampfast will cover approximately 12m<sup>2</sup> with a dry film thickness of 1.5mm (1500 microns) depending upon site conditions.</li> </ul>
<b>Grout</b>	For 3 - 5mm joint widths, use Davco Sanitized® Colorgrout. For 6 - 12mm joint widths, use Slate & Quarry Grout. It is recommended that Davco Grout-Cure grout additive is used as it is designed to significantly increase the flexural strength, water resistance, chemical resistance and stain resistance of the grout.
<b>Movement Joints</b>	Refer to AS3958.1 - 1991 Clause 5.4.5.2. Fill all movement joints with Davco Davsil coloured silicone sealant.