

WET AREAS (residential & light commercial)



Davco
EXCELLENCE IN
TILING SYSTEMS



Adhesive System	Davco SE-7 plus Davelastic - a high strength super grade adhesive system for all tiles in installations exposed to water. Use in accordance with manufacturer's instructions.
Waterproofing System	Davco Dampflex REO - an internally reinforced acrylic membrane. The membrane must be fully cured prior to tiling.
Substrate	<p>Floors - reinforced concrete slab (all substrates should be allowed to cure for six weeks, refer to AS3958.1-1991 Table 4.3), or timber framed floor lined with compressed fibre-cement sheeting minimum 15mm thickness for floors (refer AS3958.1-1991 Clause 2.6.4)</p> <p>Walls - timber framed wall lined with fibre-cement sheeting a minimum 6mm thickness or gypsum plasterboard. (Refer AS3958.1-1991 Clause 2.6.3).</p>
Surface Preparation	Ensure surface is structurally sound, dry, clean, free from movement 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 floors. <i>Prime all surfaces with Davco Ultraprime.</i>
Optional Screed/Render	<p>Floors - Screed to achieve falls to a drainage point or if variance in the surface is greater than 5mm in every 3m. Apply splash coat first, then screed.</p> <p>Screed splash coat:</p> <ul style="list-style-type: none"> • 1 part Davelastic (diluted 1:1 with water) • 1 part neat cement <p>Screed:</p> <ul style="list-style-type: none"> • 1 part cement • 3-4 parts clean washed sand • 1 part Davelastic to 3 parts water <p><i>Screed should be a minimum 25mm thick. The bed must incorporate a form of wire reinforcement (eg Expamet). Allow 7 days drying time prior to waterproofing and/or subsequent overcoating.</i></p> <p>Walls - if rendering is required, apply render splash coat first, then render.</p> <p>Render splash coat:</p> <ul style="list-style-type: none"> • 1 part Davelastic (diluted 1:1 with water) • 1 part neat cement <p>Render:</p> <ul style="list-style-type: none"> • 4 parts sand • 1 part cement • 0.5 parts lime • 1 part Davelastic to 3 parts water <p><i>Render should be 8-10mm thick. Allow 7 days drying time prior to waterproofing or subsequent overcoating.</i></p>
Mixing	<ul style="list-style-type: none"> • 20kg of Davco SE-7 requires 3 litres of Davelastic diluted with 3 litres of water. • Dampflex REO is ready to use.
Adhesive Application	For the installation of wall tiles up to 150mm x 150mm use a 6mm x 6mm notched trowel. For the installation of floor tiles or wall tiles larger than 150mm x 150mm use a 10mm x 10mm to a 12mm x 12mm notched trowel. Butter coat rear of grooved or ridged tiles. Do not soak tiles.
Waterproofing Application	Use a thick brush or roller to apply the first coat of Dampflex Reo. Allow to dry for approximately 2-4 hours at 20°C before applying a second coat at a 90° to the first coat for a 0.6mm (600 microns) thick dry film. Apply a third coat to achieve 1.0mm (1000 microns) thick dry film, ensuring that no pinholes are left on the surface.
Coverage	<ul style="list-style-type: none"> • A 20kg bag of Davco SE-7 will cover approximately 7m² using a 10mm x 10mm-notched trowel. • 15L of Dampflex REO will cover approximately 10m² when applied at 1.0mm (1000 microns) dry film thickness (depending upon site conditions).
Grout	For 3-5mm joint widths, use Davco Sanitized® Colorgrout. For 6-12mm joint widths, use Davco Slate & Quarry Grout. To enhance the colour, increase water resistance and flexibility of the grout, use 4 in 1 Grout Additive.
Movement Joints	Refer to AS3958.1 - 1991 Clause 5.4.5.2. Fill all movement joints with Davco Davsil.

For a detailed specification contact your Davco Representative or our Technical Advisory Line 1800 653 347