

WATERPROOFING ROOFTOPS



Davco
EXCELLENCE IN
TILING SYSTEMS

Waterproofing System	Davco K10 Plus - a flexible, single pack water based polyurethane waterproofing membrane ideal for waterproofing concrete rooftops.
Substrate	Concrete Rooftop with a wood float finish. All substrates should be allowed to cure for six weeks. (Refer to AS3958.1-1991 Table 4.3).
Surface Preparation	Ensure surface is structurally sound, dry, clean and free of all contaminants. Remove curing compounds and release agents. Prime with Davco K10 Plus diluted 1 part to 3 parts water.
Screed Bed	<p>Floors - Screed where fall is required to 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).</i></p>
Mixing	Davco K10 Plus is ready to use.
Waterproofing Application	Davco K10 Plus can be applied by brush, roller or airless spray. For rooftop applications, a coating thickness of 1.0mm (1000 microns) is required - approximately 3 roller/brush coats. Each coat should be applied at 90° angles to the previous, allowing 1-2 hours between coats.
Limitations	Davco K10 Plus should be used in installations that will only be exposed to foot traffic conditions when it has fully cured. During the storage, application and until the membranes has sufficiently cured, the membrane must not be exposed to temperatures below 10°C or above 40°C.
Coverage	A 20L pail will cover approximately 13m ² - to provide a 1.0mm (1000 microns) thick dry film.
Movement Joints	Refer to AS3958.1 - 1991 Clause 5.4.5.2 and 5.4.5.3. Consult your Davco Construction Materials state office for advice on the joint sealing method best suited to your application.