

Viking Fleece-tank

Version: FLT-PTS-V1.1

Product description

Viking Fleece-tank is a premium pre-applied geo-composite SBS modified bitumen waterproofing membrane used for waterproofing under the slab and foundation footings, fixing/tacking the membrane on formworks, before casting the concrete. The system is designed to be a totally cold and single layer application. For horizontal surfaces, directly loose laid on the site concrete or sand binding before creating the slab and for vertical walls with a pre-cast solution (Blind Side Walls) and a post-cast one. Its cold application feature allows it to be used in narrow and closed environments, respecting the health of the operators.

The upper face of the membrane is covered with a special non-woven polyester fleece which offers a perfect mechanical grip to the concrete. It is provided with side self-adhesive laps, and the lower face is finished with thin polypropylene textured film.

Viking Fleece-tank is fully compatible with Viking Mercury FC Torch applied tanking membrane and Viking Peel and Stick Taking membrane.

The rolls measure 1.05m wide x 10.0m long with a total thickness including fleece of 8.0mm.

The simplicity of installation makes the system safer and at the same time faster to apply, with reduction of labour times and costs.

Viking Fleece-tank (Greentank) is manufactured by General Membrane in Italy.

Purpose and use

Viking Fleece-tank waterproofing membrane can be used for buildings within the following scope:

- On buildings subject to non-specific design under floor slabs complying with NZS 3604 and behind concrete masonry basement walls and under floor slabs complying with NZS 4229; and,
- on buildings subject to specific design with substrates of insitu or precast concrete complying with NZS 3101 or concrete masonry complying with NZS 4230; and,
- where subsoil drainage and free draining granular backfill has been placed behind basement walls.
- Viking Mercury FC Membrane must be adequately protected against damage during backfilling and in service.
- The product must be installed by Viking Roofspec approved installers.

Conditions

- The product can be used on substrates of site concrete, compacted sand binding or fines, subject to specific structural and weathertightness design.
- The weathertightness design of junctions for each specific structure is the responsibility of the building designer.
- The product will assist with meeting the provisions of the New Zealand Building Code clauses B1 and B2, provided it is employed in accordance with the supplier's installation and maintenance requirements.
- The product is suitable for use in all Climate Zones as defined in NZBC H1/AS1 and all Exposure Zones as defined in NZS3604.

Compliance with the New Zealand Building Code

The product will, if employed in accordance with the supplier installation requirements, assist with meeting the following provisions of the building code

- Clause B2 Durability: Performance B2.3.1, B2.3.1(a), B2.3.2, B2.3.2(a)
- Clause E2 External moisture: Performance E2.3.3
- Clause F2 Hazardous building materials: Performance F2.3.

Design Requirements

Product specification and incorporation of Viking Fleece-tank into the building design shall be carried out by a designer/ architect/engineer or a building professional who:

- Is qualified to design the buildings covered under the 'Scope' of use of this product.
- Has ready access to the technical specifications including installation details and standards referenced in the manufacturer's product data sheet.
- Accessories in the Viking Fleece-tank system include bituminous primer (20L), Peel and Stick solvent primer, Easy Paste, bituminous sealant, protection and drainage boards.
- Viking Fleece-tank Details available at the Viking Roofspec website www.vikingroofspec.co.nz

Installation Requirements

Installation of the Viking supplied system shall be carried out by a Viking Roofspec trained and licensed installer. Installation shall be undertaken in accordance with all relevant technical information related to the selected installation method, including information contained within the current Viking PDS and Viking Installation Guide.

Quality assurance

Viking provides quality assurance documents that we recommend the installer, and builders follow and sign off at the conclusion of the project. These can be obtained from Viking Managers or from the Viking web site.

- BRANZ Appraisal 864 Viking Post Applied Tanking Membranes
- Masterspec (Mercury / Peel and Stick) VIKING
- Viking Fleece-tank PTS
- Viking Fleece-tank PDS
- Viking Fleece-tank, Mercury FC, and Viking Peel and Stick Details
- Methodology Statement for Viking Tanking

Product Manufacturer

Viking Fleece-tank is manufactured by General Membrane under product name Greentank.

Warranty information

Viking Fleece-tank is backed by Vikings 20-year product warranty with the Certificate of Workmanship provided by Viking Approved Applicator companies. Viking Roofspec only supply Fleece-tank to our Approved Applicator network of Viking Licensed Installers.

Auckland office

80 Alexander Crescent,
Otara PO Box 14-541,
Panmure, Auckland
1741, New Zealand

Christchurch office

2 Nazareth Avenue,
Middleton, PO Box
9117, Tower Junction
Christchurch 8149,
New Zealand

Wellington office

19 Pretoria St,
Lower Hutt 5010,
New Zealand

T: 0800 729 799

F: 0800 729 788

info@vikingroofspec.co.nz
www.vikingroofspec.co.nz

A division of Viking Group Limited