

CHECK LIST: Below Ground Tanking Site and Substrate by BUILDER

Purpose: This Checklist is providing the builder onsite with guidance to properly prepare the Site allowing for correct and trouble-free installation of Below Ground Tanking.

Consult with your Tanking Contractor on any questions

- Safe access is provided for work in confined space. Batter the banks and protect from collapse
- Site prepared with Ground water removed. The use of a sump pump, channel drains and some holes to sit the pump in, will help control and remove excess water
- A layer of drainage metal over muddy areas allowing ground water to travel below to a pump, providing clean, dry areas to work for clean and undamaged Tanking installation
- Site concrete must be a minimum of 45mm thick. Sand and fines must be compacted 40mm minimum. Thickness may be greater according to specific site and soil conditions
- Ensure no sharp objects can puncture the Viking Under-slab membrane
- Footings require boxing/formwork installed to both sides providing membrane form and keeping it square. All exterior footings must have boxing/framework installed.
- Do not remove boxing/framework until four days after pour, minimum.** Care must be taken during removal of formwork not to damage Tanking membrane
- Slab penetrations must be firmly secured **with pipe exposed above tanking detailing to be wrapped in Danzo Tape or similar**
- Wall penetrations must be firmly secured. These will be detailed with Viking Tanking membrane and terminated with a stainless-steel ring clamp.
- Walls: precast concrete with no voids / blockwork with flush mortar finish to side of Tanking.
- Walls and footings clean and free of sharp aggregate. Remove plaster/concrete that has dropped onto the footings and down the walls.
- Chamfer all external edges with a minimum radius of 10mm
- A drain coil with a filter sock must be installed by the builder 200mm min. below the finished floor level on a gradient of 1-200

NOTES:

- Ensure the applicator has adequate and safe room to work.
- Banks must be battered or shored in accordance with NZ Health and Safety at Work Act 2015
- **Refer to the Viking Technical Note Below Ground Tanking Methodology** for best results and site preparation.
- Information regarding our products, specifications and warranties is available at www.vikingroofspec.co.nz
If you have a query regarding this substrate specification, please call Viking on **0800 729 799**