

## CHECKLIST FOR BUILDER

### Below Ground Tanking Site and Substrate

Version 1.0

<b>Date Started</b>	
<b>Approved Applicator Company</b>	
<b>Viking Licenced Installer</b>	
<b>Project Name &amp; Address</b>	
<b>Main Contractor</b>	
<b>Membrane Type</b>	
<b>Add any notes or comments:</b>	

**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.

- 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.
- 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

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### 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](http://www.vikingroofspec.co.nz)  
If you have a query regarding this substrate specification, please call Viking on 0800 729 799

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