

Membrane Below Ground Tanking - Substrate Checklist

Concrete | Concrete Block



PROJECT:

Project Name:	
Address:	
Owner:	
Main Contractor Builder:	
Membrane Contractor:	
Foreman on Site: Approves Stages	
Project Start Date:	
Project Completion Date:	

PROJECT CHECKLIST

SIGN & DATE

VERTICAL WALL INSTALLATION

Ensure the structure complies to the New Zealand Building Code and concrete complies with NZS 3101 (2006), All concrete blocks complies with NZS 4229 (2013).	
Substrate surfaces must be dry and clean with no sharp protrusions, all laitance or friable areas must be fully removed utilising mechanical grinding, sanding techniques.	
All blockwork joints are to flush pointed.	
Any cracks or areas of spalling are to be repaired using a suitable epoxy or polymer screed repair mortar, all repairs must be finished flush to the surrounding surface.	
All external corners are to be chamfered / radiused.	
The surface must have no sharp protrusions that could compromise the membrane sheet.	
A triangular or radius fillet is to be installed to all internal corners to aid sheet installations and avoid air pockets, voids and sheet bridging.	
Top edge terminations, Option a - use a retaining bar. Option b – terminate into a saw cut chase and finish with a mastic bead.	

HORIZONTAL – UNDER SLAB

Application onto either compacted hardfill or a site slab, complying with NZS 3604 (2011) as specified. Ensure the substrate is well compacted to avoid membrane displacement due to traffic or the during the concrete pour.	
The work area must be clear and free of all debris with all surface water removed.	
The surface of the substrate must be free of all sharp projections and objects.	
SPECIAL NOTE Special attention shall be made when installing all reinforcing steel to avoid puncturing or damaging the Insitu membrane.	

Special Notes; <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
Diagram of area: (Draw diagram of the area if specific to one section of a building)	

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Replaces: Oct 2018

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