LIQUID TANKING MEMBRANES
FOR USE UNDER ENGINEERED TIMBER

This document is to give guidance on a suitable system for the installation of ARDEX liquid waterproofing membranes that are to be overlaid with a flooring system other than ceramic tile. This guidance offers potential ARDEX solutions to assist in meeting NZBC E3/AS1 and NZBC E3/AS2 as an alternative solution. All concrete substrates and moisture testing must comply with AS1884:2021. For substrates other than concrete please contact your local ARDEX account manager.

LIQUID WATERPROOFING MEMBRANE

The recommended waterproof membrane applied over the floor base and up the walls is ARDEX WPM002 Superflex Two Part with a dry film thickness of 1.2-1.5mm.

FAIRING COAT

A fairing coat is required for several reasons.

- The membrane is non-porous which can create a problem for MS based timber adhesives
- Timber laying operations can damage the membrane

Arditex NA 2-3mm thick should be applied to the floor for a thicker build and increased resistance to damage. An alternative is a scratch coat of ARDEX MRF 1.5mm thick for floors.

ADHESIVES

The following adhesives can be used for installing the engineered timber:
- ARDEX AF480MS which is a specialised modified silane adhesive which is water resistant.
- ARDEX AF455 which is a specialised modified silane adhesive which is water resistant.
- ARDEX AF2525 two-part heavy duty floorcovering adhesive that is waterproof.

INSTALLATION NOTES

- The installation of all ARDEX products must comply with the relevant data sheets
- For the use of heating or sound reduction in this system please contact ARDEX Technical Services
- All detailing must comply with NZBC E3/AS1 amendment 7 2020 and the Code of Practice for Internal Wet Area Membrane Systems 4th edition 2020
- Installation of any ARDEX liquid waterproofing membrane must be undertaken by a current ARDEX certified applicator
- Warranties for the above systems will only be issued when all the components of the full systems are installed, no replacements or alternatives are acceptable.

To find out more call 0800 277 339 or visit ardex.co.nz

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SYSTEM ARDEX
PREMIUM PERFORMANCE