

This specification is one of a series based on installation systems we have tailored to meet our needs and rigid performance requirements and have used over the past five years. This information is designed to assist Architects in specifications where timber flooring is required.

*As a solid timber and timber veneer flooring supply and installation company we can be contacted re the **supply of any specified product**. And, we would appreciate the opportunity of **quoting for your timber flooring work** NZ wide.*

SOLID T&G OVER JOISTS

1. PRODUCTS

1.1 ADHESIVE FOR T&G

Selleys Direct Stick Adhesive

1.2 SOLID T&G FLOORING TIMBER

Preferably “end matched” and kiln dried to a moisture content to match the proposed finished installation environment, plastic wrapped and stored flat & inside until installation start.

1.3 POLYURETHANE

Uroxsys MCVU non-yellowing moisture cured polyurethane.

2. INSTALLATION

2.1 PRIOR TO STARTING ANY WORK

Start installation only when the building is enclosed, all “wet” trades have finished, any heating or air-conditioning systems are operating.

2.2 JOISTS

Ensure the subfloor is clean & dry and level to the BRANZ Specification of maximum 5mm over a 3 meter straight edge in any direction.

2.3 SOLID T&G MOISTURE CONTENT

Check the moisture content of the timber flooring and ensure it is at the desired level for the installation environment

2.4 T&G INSTALLATION

If necessary sand/plane the joists flat. Install timber flooring over joists using the double fixing system of **Selleys** Direct Stick Adhesive & secret nailing with 40-45mm staples using a pneumatic flooring stapler/hit up gun. Apply the adhesive directly onto the joists

and following manufacturers specs. Stagger all end joins to avoid “clustering”. No plank should span less than 2 joists.

2.5 EXPANSION SPACES

Leave expansion spaces to the timber suppliers specifications at all fixed objects, walls and flooring transitions/junctions.

2.6 ACCLIMATISATION

After installation allow flooring to acclimatise to the environment for at least 2 weeks with any air conditioning or heating running.

3. FINISHING

3.1 SANDING & COATING

Sand the surface flat, trowel fill the entire floor to fill all gaps and fine sand. Apply 2 coats of **Uroxsys** MCVV Gloss non yellowing moisture cured polyurethane and 1 coat of **Uroxsys** MCVV Low Sheen (Matt or Satin finish) non yellowing moisture cured polyurethane to the manufactures specifications and spread rates.

3.2 PROTECTION

After final coat restrict all traffic for 48 hours then allow only light, clean traffic for 7 days to allow polyurethane to fully harden. Once the polyurethane has fully hardened it may be covered by corrugated cardboard to protect it from trade damage (vacuum carefully first). Avoid covering within first 7 days and avoid covering with plastic at any stage.

Please Note: the client should be made aware that when installing T&G flooring directly over the joists they should expect that there WILL be more movement of the flooring compared to if the boards are installed over a continuous substrate such as ply or particle board, this is because of the limited fixing we have when laying over joists, they should expect shrinkage/gaps and splitting of the boards especially if installed in front of glass joinery.