

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 EXISTING PLY/TIMBER SUBFLOOR

1. PRODUCTS

1.1 ADHESIVE FOR T&G

Selleys Direct Stick Adhesive

1.2 MECHANICAL FIXING

Hilti or Ramset 32mm – 45mm masonry anchors

1.3 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.

1.4 POLYURETHANE

Uroxsys MCVU non-yellowing moisture cured polyurethane.

2. INSTALLATION

2.1 PRIOR TO STARTING ANY WORK

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

2.2 SUBFLOOR

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

2.3 SUBFLOOR PREPARATION

Punch down existing nails and other items which will interfere with the installation. Prep sand the entire floor area to remove high spots and construction debris to ensure the best possible key. Thoroughly screw / nail existing loose or squeaking boards as squeaks will transfer to the flooring above.

If required, inject *Selleys* Direct Stick Adhesive into any hollow spots.



2.4 LEVELLING

Fill any low spots with a proprietary leveling compound and primer. We use and recommend the K15 system. Contact the manufacturer for product specifications and application instructions.

2.5 TIMBER DIRECTION

Choose the most visually appropriate direction to lay. When laying over existing T&G, for the strongest installation the new T&G should be laid at right angles to the existing T&G.

2.6 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.

2.7 T&G INSTALLATION

Install timber flooring 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 subfloor and following manufacturers specs.

2.8 EXPANSION SPACES

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

2.9 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** MCUV Gloss non yellowing moisture cured polyurethane and 1 coat of **Uroxsys** MCUV 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.