TECTONIC FLOORING SYSTEM

Guide to Installation

1. Conduct a visual inspection for signs of moisture possibly resulting from pipe leaks, window seal leaks, bathroom/ laundry overflow problems, ceilings leaks or rising damp. Any signs of moisture ingress must be remedied prior to installation.

2. The subfloor must be dry and free of contaminants including but not limited to oil, paint, grease, dust, metal shavings, saw dust.

3. The subfloor is to be fully scraped with a wide blade scraper to remove all cement render spoil, plaster residues and mortar excess.

4. The subfloor must be tested for flatness. Deformations to the surface greater than 3mm over 3m are to be filled and a levelling compound used following manufacturers recommendations. Elevated deviations greater than 3mm over 3m should be ground smooth to conform to the aforementioned specification for flatness

5. Tectonic does not need any acclimation time, therefore the product comes right out of the box and is ready to install

6. Plan the location and type of any trims to be installed, as some trims are easier to install prior to installing the flooring.

7. Plan the direction you intend installing the floor. Set out the first run of floor boards using chalk/string lines. It is recommended you lay the boards parallel to the longest wall in the room,

8. Apply the Tectonic One-Step adhesive using the manufacturers recommended notch trowel, while trying not to work too far ahead. In order for direct stick systems to perform at their optimum levels it is a requirement that at least 85% transfer of adhesive to board is achieved during installation.(see technical sheet for details)

9. Lay out the flooring over the applied adhesive firmly pushing the tongue and groove together in a random pattern, while keeping the short joints no closer than 200mm apart. Apply even pressure to the boards to guarantee full contact between the adhesive and the base of the board. Use a low tack masking tape (Blue painters tape) on all end joints to ensure the boards don't move from the installed position.

10. Use the standard power tools, such as a drop saw and table saw with regular timber cutting blades. It is recommended to use a vacuum attachment on all power tools to extract and reduce dust.

11. Tectonic is easily cleaned and remnants from the base should be vacuumed and this can be followed by wiping with a damp cloth. Glue residue on surface can be removed with alcohol based solvent.

12. Upon completion, care should be taken to protect the timber flooring from damage during the final stages of construction. Installation of the tectonic flooring system should be completed at the final stage of the project, to minimise any damage to the floor surface. The use of protective sheeting such as foam underlay and MDF (medium density fibreboard) to cover high traffic areas is appropriate where required. Care should be taken when installing the protective sheets so no grit or obstructions get trapped below.

SAFE WORK PRACTICES

Wood dust may cause irritation and repeated inhalation may damage health. Machinery or power tools may generate sufficient noise to damage hearing. The following work practices should be employed when working with tectonic. Work areas must be clean. Sawing, sanding and routing equipment should be fitted with dust extractors. Dust levels should be below standards set by *Work Safety Australia for dust.* When machining timber, respiratory protection, gloves, clothing, hearing and eye protection should be worn. After handling timber, wash skin thoroughly with mild soap. Regularly launder clothing. Dispose of waste material responsibly.

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