



## **03. Technical Specifications**

### **03.05 CONSTRUCTION**

#### **03.05c CONCRETE SLAB CONSTRUCTION WITH STRUCTURAL PLYWOOD SUB BASE**

For this reason, the preferred option when installing T&G strip timber floors over concrete is to directly fix timber to 18mm exterior waterproof structural grade plywood, fully glued and steel anchored to a sound, level, clean and dry, structural concrete sub floor. This method offers outstanding design advantages.

Good floor design provides for beautiful, quiet, warm, stable and easy care wood floors that are a joy to live with.

Floors constructed by this method, are exceptionally quiet to walk upon and this method of construction is of particular value around food preparation areas, where sub floor voids are then avoided as areas in which cockroaches and other vermin can otherwise live and breed.

#### **➤ ENGINEERED WOOD FLOORS**

As an alternative to conventional T&G strip timber flooring, it is now possible to select from a wide range of pre-finished, engineered wood floor systems, which are capable of being installed as both a glue-down system or a “floating” systems.

Floating floors are usually installed over a resilient acoustical mat, which provides significant structural borne sound isolation benefits.

Recognising that it is impossible to achieve perfection in the carrying out of on site finishing works, and where projects have rapid time frames in which to affect installation works, careful consideration of engineered floors as an alternative option is strongly recommended. Because engineered floors are not subject to the same constraints of acclimatisation, and due to the avoidance of on-site sanding and finishing processes, engineered floors are able to offer a cleaner and more rapid installation.

Remembering the old expression, that “oils ain’t oils”, so to, “wood floors ain’t wood floors” please consult your NWFAA specialist Wood Floor contractor for advice for it is they who are responsible for providing your guarantee.

## 03.05 CONSTRUCTION

### 03.05c CONCRETE SLAB CONSTRUCTION WITH STRUCTURAL PLYWOOD SUB BASE (CONT'D)

#### ➤ UNDERSTANDING WOOD

There are some basics in understanding, which everyone should comprehend about wood.

1. Wood comes from trees, it is 100% natural.
2. The smell, feel, touch, warmth and beauty of wood is timeless if you understand these basics.
3. Wood and water are not good bedfellows. Therefore, in understanding that good floor design requires timber which is carefully kiln dried, it is essential to understand that the drying, transport, handling, storage, acclimatisation, timing and installation method, are each important factors in establishing a high quality installation.
4. Disregard for protection, poor handling and/or the method of installation can contribute to less than desirable results.
5. Remember, for quality wood floors use only a Licensed Member of the National Wood Flooring Association of Australia (NWFAA) and insist upon a quality job by a NWFAA "Specialist" Wood Floor professional.

Maintenance of your wood floor is important in retaining life long beauty and performance, which can significantly enhance property values.

History discloses that dissatisfaction occurs, when a lack of basic knowledge of wood is not understood, or where simple precautions and sensible care have been ignored at some stage of the delivery/installation process. As your Licensed NWFAA contractor is a professional and the one who needs to provide your extended guarantee, please listen to any specific advice that may be offered on your particular project.