

This information sheet 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.*

TIMBER AND AIR CONDITIONING / HEATING SYSTEMS

GENERAL

Timber flooring installed in heated and air-conditioned environments will experience more movement and shrinkage due to moisture and temperature changes in the timber and some gaps in the flooring can be expected. But, a combination of a well controlled heating system, a guaranteed flooring installation with quality materials and attention to detail will minimise problems.

VENTED HEATING

Timber flooring can be installed directly over subfloors with vented heating but it should be noted that the timber closest to the vents will sit at a higher temperature and will experience more movement and shrinkage than other areas of the flooring. Some gaps will be inevitable in the timber flooring, especially around the vents.

AIR CONDITIONING AND DUCTED HEATING

Solid timber flooring will generally perform better with air conditioning or ducted heating than it will with subfloor heating because it is not exposed so directly to high temperatures and heat changes. Solid timber installed in air-conditioned rooms will need to be dried down to the same lower moisture content as for subfloor heated rooms (10-11%) but it can be expected to experience less shrinkage and movement.

HEATED SUBFLOORS

See info sheet on Timber over Underfloor Heating