



**ENGINEERED
TIMBER PRODUCTS**

PRO-FLOOR TIMBER FLOORING CARE & MAINTENANCE

- This booklet contains both care maintenance and technical information on your floor, and technical information on your acoustic underlay.
 - Please take time to read the care and maintenance specifications, as this will insure that you get the best result from your new timber floor.

PRO-FLOOR Timber Flooring **Technical Information**

Pro-Floor

Your new timber floor is a fully engineered multi layered floor. The floor is designed to move together unlike other timber floors where each piece will react differently to changes in climatic conditions. In simple terms you have bought stability. The engineered system designed with the knowledge of how timber reacts to moisture ensures the floor expands and contracts in an even fashion. The surface is sawn timber laminated onto a 100% plantation grown hardwood and then balanced to ensure stability. The end result is a stable fully engineered floor that will perform year in and year out.

There are many different species available in the Pro-Floor range, each species having different characteristics from the other. All species however will go through what is known as oxidation. This is where the floor will darken over a period of time. This oxidation is caused by UV light and is normal characteristics of timber. Some species will go through this change faster than others.

One very important point to remember is the affect water has on timber floors. Water spills need to be cleaned up as quickly as possible, so as no harm will come to the floor. Different species will react to water in different ways. In light coloured floor such as Beech and Maple, after a spill you may notice some discolouration along the joins. This is quite normal, as all timber is porous. If this happens do not panic, as over time this will lighten as the moisture escapes. With the join becoming lighter and the natural occurrence of oxidation, you will find this very hard to detect later on. Darker coloured floors will react in the same way, but you will not notice this, as the colour of the floor will hide it.

To the First Time Timber Floor Owner

Timber floors have made a huge resurgence back into the market, and many of us have never had the privilege of living on such a unique surface. Many people who have lived on timber before will know what to expect, but for first timers it will be a whole new experience. We all have to put living on timber in perspective; it is one of the healthiest surfaces to live on, as well as one of the most beautiful. Timber as we all know over a period of time will scratch, mark and dent. For older timber floors we class this as character and a beautiful floor.

Remember the floor we live on is put through more punishment than any other part of the house. Don't look at your floor without furniture, move your furniture in and watch the room come alive. The advantage of timber is it can be re-sanded and coated and brought back to new. The sawn timber on the top of the floor is 4mm. Statistics show re-sanding usually happens every 5-7 years and depending on care and maintenance you will only sand .5mm of timber off the top when re-coating. Keeping this in mind, you have a floor that will last you between 35-50 years.

Care for your timber floor, but most of all enjoy your floor. It will be part of your life for years to come. Let your floor serve your lifestyle with the knowledge that it can be brought back to showroom condition with a simple sand and re-coat.

PRO-FLOOR Timber Flooring

Technical Information

Sub-floor

Pro-Floor is designed for installation on a flat sub-floor according to regulations HusAMA83Q 2 and RA 93 Hus Q2.2. The sub-floor must be dry, flat and stable. The sub-floor can be Concrete, Plywood, Particleboard or Timber. Tolerance for the flatness of the subfloor is 3mm over 3 metres.

Recommended use

Commercial or Domestic.

Fire Resistance

Pro-Floor parquet floors fulfil the class G requirements, the highest fire resistance class for flooring materials under the Swedish Building regulation BBR 94. All wooden floors with or without surface treatment fulfil the requirements. This is shown by a study carried out by Tratek (The Institute for Timber Research). The flooring is tested for fire resistance using the Nordic method NT Fire 007, and passes the test by a good margin. The results are reviewed in Kontenta (a summary available from Tratek), Fire-classified wooden floors 9604029.

Warranty

30 Year Structural guarantee – This is to say that the multi layer system will not delaminate for a guaranteed period of thirty years. This is conditional on the floor being subject to normal use. The warranty is not applicable where the floor has been subject to flood or misuse.

PRO-FLOOR Construction

Pro-Floor is designed using the multi layer construction devised patented well over fifty years ago. This three-layer approach adds stability to the floors. The filets in the core are designed to move vertically when moisture is absorbed into the floor. At the same time the base layer and the decorative layer spread horizontally. This engineered system designed with the knowledge of how timber reacts to moisture ensures the floor expands and contracts in an even fashion. The end result is a stable fully engineered floor that will perform year in and year out.

Thickness of the wear layer

3.6 to 4mm approx.

Dimensions

Single strip boards: 1820 x 90, 145 and 127mm x 14.5 mm

Surface treatment

Ready lacquered with seven coats of UV cured acrylic-based lacquer. No solvents or formaldehyde. The lacquer is very hard wearing and preserves the wood's natural appearance.

Moisture content

The moisture content of the floor in its packaging is 7% ± 12%.

Weight

Approx. 8 kg/m²

PRO-FLOOR Timber Flooring CARE & MAINTENANCE

Cleaning your new timber floor

PRO-FLOOR flooring is extremely easy to clean and maintain. If the floor has surface dirt and dust it is best to use an anti static mop. When cleaning the floor be careful not use excessive amounts of water. Use a well rung mop so it is damp rather than wet and wipe over. Ideally we recommend using a “Vileda” or similar mopping system. (Available from Coles or Bunnings). This system will give you the bucket, mop and mop ringer that will allow you to get your mop water free. All you will need to do is add very hot water with a capful of methyated sprits to help the moisture evaporate.

- It must be remembered that PRO-FLOOR floors are wood and wood can be affected by exposure to excess water.
- Never use corrosive cleaning chemicals on PRO-FLOOR floors.
- Never use steel wool on the floor.
- Never use polish; there is no need to, as the polish cannot effectively penetrate the protective surface. If polish or restorers are used they should be tested on an inconspicuous part of the floor.
- Always use a soft broom or recommended timber floor broom.

Protecting your new timber floor

Sand and grit from shoes may be able to damage your floors surface as can furniture being pushed across the floors. Here are a few tips on protecting your new floor,

- Place doormats at each entrance to help reduce dirt built up on the floor.
- Place rugs in high traffic areas such as walk ways and hallways. Etc
- Place cups under heavy furniture and soft furniture feet under everyday furniture such as dining chairs, coffee tables etc. This will help protect the floor from damage through scratching.
- As previously mentioned our climate has the biggest effect on timber floors. Please be sure not to allow the direct sunlight to continually beat against your timber floor. This as well as fading all of your furniture will absorb all of the moisture out of your floor. This can cause your floor to over dry and crack. Please make sure you have window coverings on all glass doors and windows.

A note on new installations

After installation you may experience noise such as creaking as you walk across a room. This is a normal characteristic in all new floors. The two main reasons this occurs are air trapped under the floor during installation and the timber is acclimatising to the conditions of the room. This will settle down within six to eight weeks. You will also notice movement underfoot as you walk over the floor. This is also normal for a new floor and will settle as the air escapes and the acoustic underlay compresses

Silent Walk Underlay
Technical Information

**The Ultimate Underlayment
for use under floating hardwood and engineered wood floors**

- ✓ Reduces noise from laminate and engineered wood floors in today's busy households
- ✓ Suitable for use over all types of subfloors including concrete
- ✓ Non-allergenic, our high-temperature process kills bacteria and fungus, while an anti-microbial additive retards mould growth
- ✓ Provides moisture / Vapour barrier

Better Sound:

Some laminate and wood floors have a reputation of creating a "clickey" or hollow sound when walked on. However, Silent Walk™ is designed to draw sound in and deaden it, not deflect it.

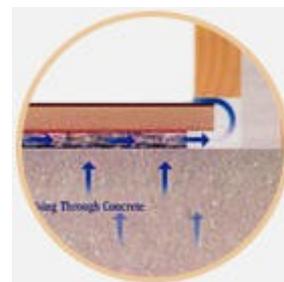
Silent Walk's filaments are randomly air laid creating a capillary affect to cushion the floor, absorb sound, and help make floating floors sound more like fastened wood.



Installations Over Normal Concrete:

Subsurface moisture or sweating from high-humidity on concrete can cause real problems for laminate or floating wood flooring. Silent Walk™ provides a vapour barrier to keep water away from the floor.

Since Silent Walk™ and concrete are both "breathable" capillary products, moisture levels and evaporation will fluctuate with changing atmospheric conditions and water tables.



Pictures are for illustration purposes only and do not represent the construction of "Silent Walk" Underlay

Silent Walk Underlay
Test Results

ACOUSTIC LOGIC CONSULTANCY PTY LTD
NOISE AND VIBRATION CONSULTANTS
ABN 47 064 612 424

Level 3, 6-8 Crewe Place, Rosebery

Tel: 9697 9077
Fax: 9697 9011

TEST RESULTS

Reference: 2004224/00414I/CD

May 11, 2004

FIELD IMPACT ISOLATION CLASS

Test Specimen: 14mm T&G sandwich construction, pre-finished timber floating floor on a single layer of Silent Walk™ underlay.

Test Procedure: The general method to conduct the impact noise isolation measurements is consistent with International standard ISO 140-7, "Acoustics-Measurement of sound insulation in buildings and building elements – Part 7:Field measurements of impact sound insulation of floors".

Mounting: The floor covering was loosely mounted on a 180mm thick reinforced concrete slab.

Field Impact Isolation Class: FIIC = 58
 $L'_{n,w} - C_1 = 54$