

Softlon-Tuff®
Floating Timber
Flooring Underlay

Softlon-Tuff®

Superior Floating Timber Flooring Underlay

Application

The trend towards high comfort parquet and wooden strip floor constructions in new buildings and renovations is increasing.

Technical and acoustic reasons dictate the use of an interlayer between the timber and the structural floor construction in order to achieve the necessary comfort levels.

Commonly used thick materials cannot be used due to limitations in room height which would require expensive door adjustments.

Humidity in the existing structural floor is sometimes another problem leading to unexpected long term damage of the wooden floor.

Softlon-Tuff Floating Timber Flooring Underlay is an ideal separation layer between the structural floor and new timber floor. It is thin, elastic, light in weight and acts as a water vapour barrier.

Product Description

Softlon-Tuff Floating Timber Flooring Underlay is technically and visually a high quality closed cell physically cross linked polyolefin foam, with twin skin, supplied in roll form

Softlon-Tuff Floating Timber Flooring Underlay fulfills three key functions:

- Absorbs unevenness in the subfloor.
- Provides a water vapour barrier.
- Provides impact sound insulation.

Product Benefits

Softlon-Tuff Floating Timber Flooring Underlay provides the following benefits:

- Twin skin for superior waterproofing.
- Excellent water vapour barrier.
- Very Good impact sound insulation.
- Excellent Tear, Tensile, and Compression Strength.
- Absorbs unevenness in base floor.
- Excellent thickness tolerance.
- High Thermal Stability
- Inert, does not deteriorate or mildew.
- Highly resistant to chemicals.
- Lightweight, Easy to install rolls.
- Can be walked on during laying.
- Environmentally friendly.
- Reliable supply, and short lead times.
- Australian made to AS / NZS ISO 9002.

Application Specification

The following format is recommended when preparing specifications for Timber Floating Flooring using Softlon-Tuff.

- The Underlay shall be **Softlon-Tuff** Floating Timber Floor Underlay.
- Softlon-Tuff shall have a thickness ofmm, (typ 2mm).
- Install Softlon-Tuff Timber Floating Floor Underlay in accordance with the manufacturers recommendations (see application guide). Any deviation from the stated procedure must have the approval of the specifying engineer.

Application Guide

Softlon-Tuff Floating Timber Flooring Underlay can be laid onto any firm surface, such as, a smooth concrete screed or an already existing wooden floor (renovation) without the use of adhesives.

The bare floor surface must be smooth, clean and dry. Sharp and pointed objects must be removed.

Unroll Softlon-Tuff and lay with sheet edges butting to each other. Cover all joints with a suitable adhesive tape, such as Reinforced Aluminium Foil Tape.

Carefully fold Softlon-Tuff up wall surrounds and around pipes etc., to prevent sound bridging.

When laying the new floating timber floor, Softlon-Tuff can be walked on. Care should be taken so as not to damage the Softlon-Tuff sheet.

Storage and Handling

It is recommended that Softlon-Tuff is stored on a dry, flat and clean surface of a covered warehouse away from direct sunlight.

Softlon-Tuff is protected by a polyolefin film wrap. This packaging is not designed for outdoor storage. Where outdoor storage is the only facility possible additional protection is required.

Softlon-Tuff is best stored at temperatures around 20 Degree C.

Softlon-Tuff is an organic polyolefin material and will burn when exposed to sufficient heat, open flames or other sources of ignition.

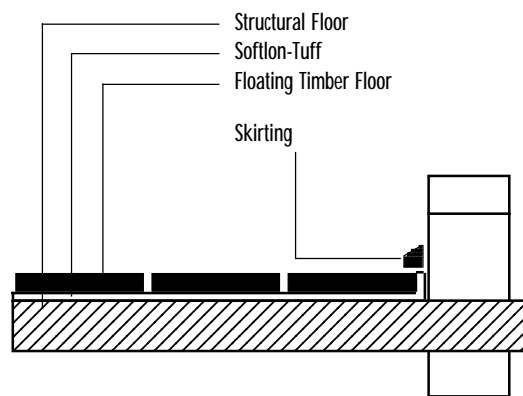
Product Guide

Softlon-Tuff is highly recommended. It is readily available in 1m and 1.5m width rolls.

Some application specific data for Softlon-Tuff is shown below. This product data does not absolve the customer from determining the correct product suitable for each application.

Note

This information on PILON foams is presented to the best of our knowledge. All product data is based on average values and is for guidance only. PILON maintains an ISO 9002 approved quality system. No CFC's are used as foaming agent. The foam is free of heavy metals and plasticisers.



Softlon-Tuff Underlay on concrete floor.

Thickness supplied:	ISO 1923	2	mm
Thickness loss, 3 years, 23°C, at 15 kPa load	internal	< 10	%
Field Impact Insulation Class			
Plank wood 14 mm:	ISO 717/2	56	180mm slab
Water Vapour Transmission Rate:	ASTM E96	1.9	g/m ² .24hr
Water absorption 28 days:	ISO 2896	< 1	vol. %
Compr. strength at 25% compression:	ISO 844	70	kPa

If you require more information on the subject of this data sheet, please contact your local agent or contact:

Pilon Plastics Pty Ltd
Ph: (02) 9519 3277
Fax: (02) 9519 3277.



Recommendations as to methods of post fabrication, application and use of PILON foams are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of PILON foams and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which PILON foams are utilised nor for any application. SOFTLON - Registered trademark of PILON.