

Designed & made for Australian use by

MPglobal

AUSLAY
INDUSTRIES PTY LTD®

Insulayment®

Eco Friendly , 100% VOC Free, Recycled Fibre underlayment
Easy to install, Non-moisture, Mold Resistant, Anti-fracture
with Amazing Acoustic Properties

Universal Flooring Underlayment

Perfect for
Multi-Story
Flooring

Amazing
Acoustic
Properties

www.auslayindustries.com.au

Australian Data Sheet

Designed for Australian use by **MPglobal**



Insulayment®

For Use Under

Laminate

Engineered Wood

Solid Wood

SPC Rigid Core

Luxury plank



100 % Recycled Materials

Exceeds current requirements of the BCA Compliance for flooring Acoustics transmission.

**FLOORING FEELS
SOFT
UNDERFOOT**

Multi Purpose Recycled & VOC free, Acoustic & Anti-fracture Premium Flooring Underlayment

FLOORING

Slab L'nT,w 75

Result L'nT,w 48

200mm concrete slab

6mm SPC hybrid flooring

Results by Palmer Acoustics Australia Pty. Ltd.

*onsite tests should be done prior to installing Insulayment

High Performance Residential & Commercial Underlayment

MPglobal

Superior acoustic properties / crack isolation / easy installation



Float It
Can be used with a variety of floating floor types.



Nail It
allows fasteners to penetrate with ease.



Glue It
A special recycled composition allows the adhesives to adhere.



Approved For Use Under

Laminate
Engineered Wood
Solid Wood

SPC Rigid Core Vinyl (4mm or thicker)

* must have an angle / angle locking system

not suitable for drop locking systems

Installation Methods

Float Install

Double Glue Down *

Mechanically fastened

Suitable Substrates

Cured concrete

Compressed Cement sheeting

Plywood

Wood subfloors



Multi Purpose Acoustic & Anti-fracture Underlayment



Float It - Can be used with a variety of floating floor types.



Nail It – Not recommended where wood flooring is less than 10 mm thick



Glue It – the recycled fibre composition allows excellent bonding with adhesives and thin set mortars.



Superior Sound Reduction - Recycled fibre absorbs sound and keeps it from traveling to other rooms. Makes click-together floating floors sound solid underfoot.



Compression Resistant - Dense recycled fibre structure supports the click-together mechanism and will uphold its supportive configuration under the consistent traffic of the overlying floor.



Smoothing Out Imperfections - Firm and supportive, but flexible enough to form around subfloor surface roughness, helping to cut down on extra subfloor surface prepping time.



Insulating Value - Provides additional comfort to the entire home during seasonal temperature changes.



Approved for In-floor Heating Systems - Allows heat to permeate evenly while helping to protect the floor covering material from thermal shock.



Made from 100% Recycled Material - A patented manufacturing process repurposes post-industrial and post-consumer materials into high-performance underlayment.



Certified Clean and Safe Indoor Air Quality - No VOC's (Volatile Organic Compounds) or off-gassing from materials.



Competitively Priced - An ideal upgrade from liquid, 2-in-1 polyethylene or polystyrene products.

Find the Insulayment install
manual here:

Insulayment[®]

<http://www.auslayindustries.com.au>

Floating Floors

1. Roll out underlayment and butt seams together 2. Tape seams together with seam tape 3. Install click and lock floating floors over the top according to its manufacture

Double Glued Down Floors (REFER TO INSTALL MANUAL)

1. Roll out underlayment and butt seams together 2. With a utility knife or scissors, cut off the insulayment to size before applying adhesives 3. Adhere to the clean , dry subfloor using ** approved adhesives only, in accordance with manufactures instructions and trowel size and install method 4. Roll over the adhered underlayment with a heavy flooring roller to ensure 100% adhesion 5. Adhere choice of flooring over the top using ** approved adhesives only in accordance with manufactures instructions and trowel size

Nailed or staple floors

1. Roll out underlayment and butt seams together 2. With a utility knife or scissors, cut off the insulayment to size and tape edges together. 3. Adhere or float choice of flooring over the top in accordance with the manufactures installation instructions and fastening materials

* Ensure to read the complete installation instructions before installation

Technical Data

Physical properties: blended synthetic fibers.

Insert hot melt adhesive.

Weight5.44 kg / roll Thickness3.17 mm

Density259.5 kg / m³

Compression resistance @ 25%.....23.2 psi

Compression resistance @ 30%37 psi

Compression resistance @ 50%.....219.6 psi

Breaking strength.....length 78.4 lbs , width 63.3 lbs

Compression set @ 25%18.8%

R-Value (@0.125").....0.58 hr-ft²-degF/Btu(4.64/ inch)

Flammability meets or exceeds federal flammability standard: 1-70 (Pill test) and ASTM E84 Steiner Tunnel Test.

Volatile Organic Compounds (VOC) tested for 81 different off gas compounds in accordance with Ca 01350.

Product Emissions Passed the most rigorous emissions test : section 01350 for CHPS.

Limitations

insulayment is not suitable for use as underlayment for :

1. installing over concrete with a high moisture emission level. (USE QUIETWALK PLUS INSTEAD)
2. Not to be used in a continuously wet environment or directly in external areas where subject to the elements. (please read installation manual for this information)
3. Cannot be adhered over polyurethane water proofing membranes. (Adhere over approved membrane only)

Approved Substrates

concrete – (completely dry - 28 days old) , compressed cement sheeting, cementitious screeds, mortar beds and levelling coats, plywood, particle board flooring (residential floor and dry areas only), wooden subfloors.

** All substrates must comply with and not exceed the building codes maximum deflection limit : L / 360 limit

*please email our technical department for substrate compatibility if unsure .

Packaging

Insulayment comes in a roll - 9.3 m² - 914mm x 10,180mm

Approved for use under Quietwarmth Float underfloor heating



HEATED FLOORING FILM

DESIGNED FOR EASY INSTALLATION &
AVAILABLE FOR ALL FLOORING TYPES

[View Products](#)

Meets or Exceeds current requirements of the BCA Compliance for Acoustics transmission.

Acoustic Engineer Recorded Test Results Example

Test System (results test site #1)	L'nT,w	slab
Test 1: Bare concrete slab of 200 mm thick		
Test 2: SPC hybrid flooring sample + Insulayment underlay	48	75

QUIETwarmth[®]



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