

EXPLORE
OUR UNIQUE
**25-YEAR SYSTEM
WARRANTY***

*Helix 700 System

imagine[®]
floors by Airstep.

**Hard Flooring
Underlay Solutions**

UNDERLAY

Protect your investment with quality underlay



SCAN TO SEE THE FULL RANGE

Give your new floors the best start to life with Imagine Floors by Airstep Underlay

They say it's what's inside that counts and while that's certainly true, we think what's underneath is just as important – if not more so.

Designed not only to prolong the lifespan of your new flooring, but also to provide a whole host of additional benefits depending on the product, our Underlays are suitable for use with Engineered Timber, Laminate and Luxury Vinyl Plank.

Within this brochure you will find information on six of our most popular floating flooring underlayments – Drilay, Timbermax, Aquadefend, Acoustalay, Helix 700 and AcoustiStep. Each Underlay provides a unique collection of benefits for your home and floors so if you're unsure which would be best for your space, please feel free to reach out to our friendly customer support team.

The Underlays explored within this brochure are crafted to provide maximum protection for hard flooring, if you need information on underlayment for other floor types, please refer to our website.



✓ ACOUSTIC COMPLIANCE ✓ SD MOISTURE BARRIER ✓ THERMAL RATED

Installation guidelines



Roll out the selected underlay and trim any excess so that the ends and sides fit neatly against all walls.



It is important to ensure that all seams between the lengths of underlay butt together. Where an overlap is present this will sit neatly under the adjoining edge.



All seams must be sealed with a waterproof tape to ensure no moisture can pass through.



Ensure that the perimeter of the installation is sealed with waterproof tape, running the tape at least 20mm up the walls.

Imagine Floors by Airstep Hard Flooring Underlay Features and Benefits

	DRILAY	TIMBERMAX	AQUADEFEND	ACOUSTALAY	HELIX 700	ACOUSTISTEP
Features a moisture resistant barrier	✓	✓	✓		✓	✓
Insulates against impact sound		✓	✓	✓	✓	✓
Produced with polyethylene foam	✓					
Manufactured with IXPE closed-cell foam		✓	✓			
Crafted with cross-linked polyethylene rubber				✓		
Constructed with cross-linked recycled rubber					✓	
Closed-cell rubber construction						✓
Built in thermal properties		✓	✓		✓	

The ideal Underlay for your home will depend on your specific situation, however, the above table should give you a rough idea of which options are suitable for your space.

For example, a built in moisture barrier is vital in humid climates, while those who prefer their homes to be a quiet environment will also want to ensure that their underlay features noise reduction properties. Thermal protection is another feature that is nice to have as it can help maintain temperature in your home.

Please remember that Underlay is not the same thing as insulation. While many of our underlay do offer thermal properties, which will help give your insulation a boost, they are not a suitable replacement.

Our underlay solutions

THERMATREAD

CODE: 2100829



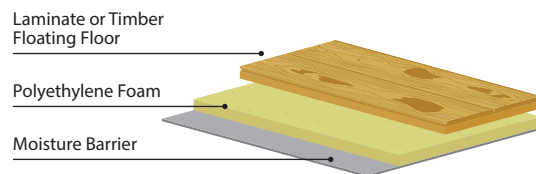
Lay the foundation for a quieter space with ThermaTread Underlay. Featuring a 3mm thick EPE foam construction with a foil backing, ThermaTread offers significant acoustic benefits and excels at building a quiet base for your interior design. In fact, when tested with 8mm Laminate flooring, ThermaTread achieves an excellent 6 star AAAC rating – the highest possible score.

It also offers thermal protection, with an R rating of 0.11, making it a reliable system when it comes to reducing noise and improving internal comfort levels.

Method of installation: Loose lay

Roll Length (m)	Roll Width (m)	Thickness (mm)	Density (kg/m ³)	Acoustic Performance W.S.I Noise Level [LnT] (dB)	Thermal Insulation R Rating (m ² K/W)	Water Vapour Resistance (Sd)
20	1+ 65 mm overlap	3	30	40*	0.11	81

*Tested with 8mm Laminate



TIMBERMAX

CODE: 2100813



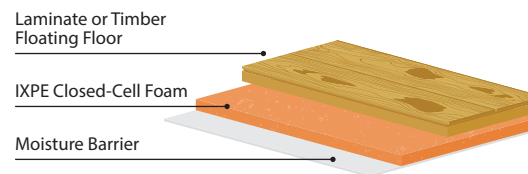
Create a durable and versatile foundation for your flooring with Timbermax Underlay. This neat roll of IXPE closed-cell foam is crafted from virgin material and offers multiple benefits.

In addition to providing a foundation for your Laminate or Engineered Timber floors, Timbermax also offers thermal improvement, reduces noise transmission within your space, and provides an adequate moisture barrier.

Method of installation: Loose lay

Roll Length (m)	Roll Width (m)	Thickness (mm)	Density (kg/m ³)	Acoustic Performance W.S.I Noise Level [LnT] (dB)	Thermal Insulation R Rating (m ² K/W)	Water Vapour Resistance (Sd)
20	1+ 65 mm overlap	2	115	42*	0.06	81

*Tested with 8mm Laminate



AQUADEFEND

CODE: 2100823



AquaDefend is a 200 micron Underlay designed to provide a superior moisture barrier.

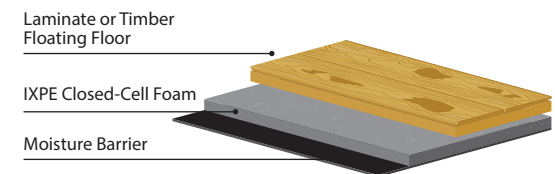
Suitable for use with both Laminate and Engineered Timber floors, this high quality, high density underlay prevents moisture from rising through the subfloor and causing damage to your floorboards.

Besides from been superior in moisture protection it is also a proactive underlay to reduce noise transmission and provide efficient thermal benefits.

Method of installation: Loose lay

Roll Length (m)	Roll Width (m)	Thickness (mm)	Density (kg/m ³)	Acoustic Performance W.S.I Noise Level [LnT,w]	Thermal Insulation R Rating (m ² K/W)	Water Vapour Resistance (Sd)
20	1+165 mm overlap	2	110	42*	0.05	290

*Tested with 8mm Laminate

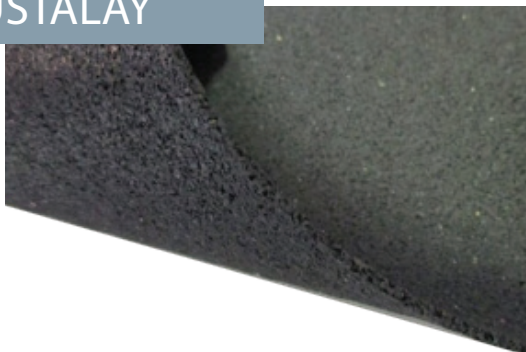


For more information, please refer to Acoustic Performance Overview on our Technical Page at our website, or contact an Imagine Floors by Airstep specialist today:

P: 1800 803 545 E: flooring@airstep.com.au W: www.imaginefloors.com.au

ACOUSTALAY

CODE: 2100806



Acoustalay is a highly versatile, acoustic underlayment suitable for use with Engineered Timber, Laminate and Luxury Vinyl Plank flooring.

Designed to insulate impact sound and reduce noise pollution within your home, this flooring accessory is crafted from 100% recycled rubber making it great for both your home and the environment.

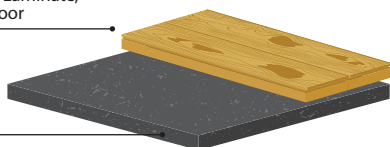
Method of installation: Hard set

Roll Length (m)	Roll Width (m)	Thickness (mm)	Density (kg/m ³)	Acoustic Performance W.S.I Noise Level [LnT,w]	Thermal Insulation R Rating (m ² K/W)
20	1	3	2190	44*	0.03

*Tested with 14/3mm Timber

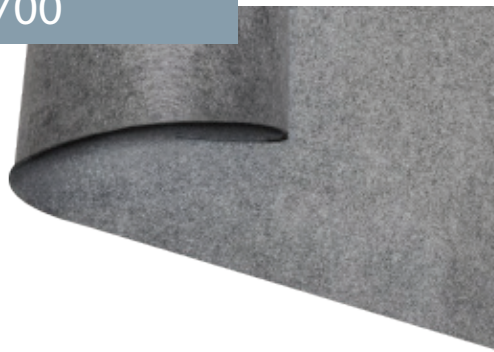
Glued or Floating Laminate,
Timber or Vinyl Floor

100% Recycled
Rubber



HELIX 700

CODE: 2100822



Make the impossible, possible with Helix 700 Underlay. Crafted with patented cross-linking technology, this underlay reduces sound transmission, is resistant to the growth of mould and mildew, and adds comfort underfoot with improved thermal benefits.

Designed to perform in versatile situations, Helix 700 is perfect for use with Luxury Vinyl Plank flooring as well as Solid and Engineered Timber floating floors.

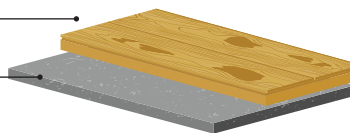
Method of installation: Hard set

Roll Length (m)	Roll Width (m)	Thickness (mm)	Density (kg/m ³)	Acoustic Performance W.S.I Noise Level [LnT,w]	Thermal Insulation R Rating (m ² K/W)
15	1	2	700	45*	0.06

*Tested with 4.5mm Vinyl

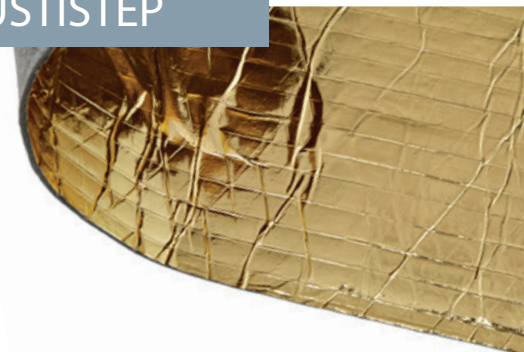
Floating or Glue Down
Timber or Vinyl Floor

Cross-Linked
Recycled Rubber



ACOUSTISTEP

CODE: 2100821



Turn down the volume of your space with AcoustiStep Underlay. Designed specifically to reduce the sound transmitted when you walk on your new floating floors, this Underlay is all about providing excellent sound absorption qualities.

AcoustiStep incorporates a moisture barrier for improved moisture protection and is suitable for installation beneath both Laminate and Engineered Timber floors.

Method of installation: Loose lay

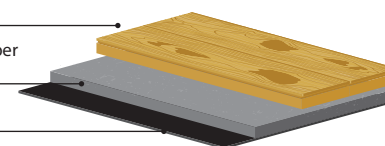
Roll Length (m)	Roll Width (m)	Thickness (mm)	Density (kg/m ³)	Acoustic Performance W.S.I Noise Level [LnT,w]	Thermal Insulation R Rating (m ² K/W)
10	1+70 mm overlap	3	880	45*	0.02

*Tested with 12mm Laminate

Laminate or Timber
Floating Floor

Closed-Cell Rubber
Construction

Moisture Barrier



For more information, please refer to Acoustic Performance Overview on our Technical Page at our website, or contact an Imagine Floors by Airstep specialist today:

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