

**imagine**<sup>®</sup>  
floors by Airstep.

**ThermaTread  
Hard Flooring Underlay**

**ACCESSORIES**





# What is ThermaTread?

ThermaTread is a 3mm thick EPE (Expanded Polyethylene) foam underlay. It has an open cell construction with a foil backing and is installed in a loose lay method. ThermaTread is designed to provide acoustic and thermal benefits while also reducing moisture transference from below.

## Open cell vs closed cell underlay:

ThermaTread is an open cell EPE foam underlay. The perks of this include lightweight construction and a price point that is kind to your purse. Closed cell foam, however, (think Timbermax and AquaDefend) tends to offer enhanced longevity and performance so this is a trade off that must be accepted when choosing an open cell foam underlay.

## What does the Sd value mean?

Sd value refers to the ability of an underlay to inhibit moisture transference from the subfloor to your floating floor. The minimum standard to achieve this is a value of 75.

ThermaTread has an Sd value of 81 meaning it provides an effective moisture barrier between your floors and moisture from below.

## What does the R Rating mean?

The R rating of an underlay refers to how much thermal insulation an underlay provides. The higher the R rating, the more comfort an underlay will provide in terms of temperature fluctuations in the space due to loss of heat through the floor.

ThermaTread has an R rating of 0.11 m<sup>2</sup>K/W This means it can offer decent benefits for the insulation of your space, therefore reducing your energy consumption and costs.

Thermal properties must always be measured as a system, rather than on a product by product basis. As such, we recommend checking the R rating of your chosen flooring as well.

*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.*



# Six star acoustic underlay



ThermaTread offers amazing AAAC 6-star acoustic results when paired with 8mm Laminate flooring. It also achieves a 5-star rating with both 12mm Laminate flooring and 14mm Engineered Timber.

These results make ThermaTread an ideal flooring accessory anywhere, but especially in buildings where acoustic requirements are in place, as 6 stars is the highest possible rating.

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

\*Tested with 8mm Laminate

Laminate or Timber Floating Floor

Polyethylene Foam

Moisture Barrier

