










## Product overview

Versilay InstaShield™ is a roll based peel and stick acoustic underlay for fast and easy installation of gluedown LVT over existing flat and even subfloors.

Our underlay offers a comprehensive solution to install a Designflooring gluedown floor incorporating design strips with minimal floor preparation. The acoustic properties of Versilay InstaShield™ reduces impact noise transfer by 15dB when combined with Designflooring gluedown LVT.

Fitting to Versilay InstaShield™ means your newly fitted floor can be walked on immediately after installation, minimising disruption for the homeowner or reducing business downtime.

## Benefits

-  Quick and easy to install
-  Enables preservation of existing floor
-  Acoustic qualities
-  No expansion gap
-  No need for adhesive\*
-  Compatible with underfloor heating
-  Can be laid in rooms with 95% RH or 3CM



\* The use of adhesive may be required to adhere the foil side to the subfloor in areas of high solar gain as well as 1m beyond in all direction - see subfloor preparation on page 2.

# Acclimatisation

Prior to installation, acclimatise Versilay InstaShield™ for 24 hours in the room where the installation will take place at 18-27°C. Remove all packaging and store rolls in an upright position. If conditions are below this temperature range, increase the acclimatisation period to 48 hours.

# Subfloor preparation

The subfloor should be smooth, clean, dry and meet the SRI classification - no more than 3mm undulation over a 2m distance. Fill minor imperfections with a suitable repair compound. Versilay InstaShield™ can be installed over floors with relative humidity of 95% RH (for carbide method, 3CM for cementitious screeds, 1.4CM for anhydrite screeds). Versilay InstaShield™ is suitable for installation over solid floors with a mechanical damp proof membrane in place including: concrete, sand and cement screeds, calcium sulphate screeds, terrazzo, tiled floors, plywood, hardwood, chipboard, and most existing fully bonded LVT floorcoverings with minimal preparation.

Underfloor heating (UFH): Compatible with underfloor heating and cooling systems, the floor surface should not exceed 27°C. The heat elements/source must be encapsulated within a screed or smoothing compound with a minimum depth of 10mm and the underlay adhered to the subfloor.



High solar gain areas: In glazed areas, subject to high levels of solar gain (direct sunlight), Versilay InstaShield™ should be adhered to the subfloor. Bond all areas exposed to direct sunlight and 1m beyond. Versilay InstaShield™ should not be used in areas exposed to extreme solar gain (above 50°C on the floor), such as in front of large areas of glazing with direct sunlight or in conservatories.

Heavy traffic: Fully bond to the subfloor with a suitable adhesive in areas of heavy footfall or castor chair use. When adhering to the subfloor, the relative humidity of the subfloor should not exceed 75% RH (for carbide method, 2 CM for cementitious screeds, 0.3CM for anhydrite screeds). Adhere Versilay InstaShield™ to the subfloor in line with BS 8203 for use with floor coverings (Cementitious Screeds, Anhydrite Screeds and Flooring Grade Plywood). Not recommended for use with non-permeable subfloors or substrates with poor adhesive characteristics. Not suitable for area subject to industrial use or heavy wheeled traffic.

## Important

No expansion gap is necessary between the floor and fixed objects such as the walls. Versilay InstaShield™ cannot be used in wet rooms. Do not run continuously through doorways. A 5mm break is required when going over 12 linear meters in any direction. No further adhesive is needed on the top surface of Versilay InstaShield™ underlay.

Technical specification	
M <sup>2</sup> per roll	8m <sup>2</sup>
Roll Length	8m
Roll Width	1m
Thickness	2mm
Impact sound reduction	15dB
Residual Indentation	0.34mm
Rolls per pallet	40
M <sup>2</sup> per pallet	320

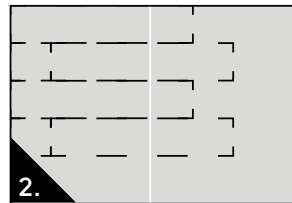
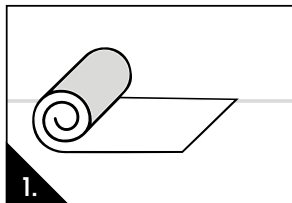
	STANDARD	RESULT
 <b>Size</b>	DIN EN 16354:2019-01	8,000mm x 1,000mm (± 1.00 mm)
 <b>Thickness</b>	DIN EN 16354:2019-01	2.00 mm (± 0.15 mm)

# Installation instructions

**Tools required** - Utility knife with a sharp blade, scissors, wide-bladed brick bolster and roller.

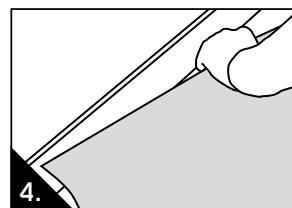
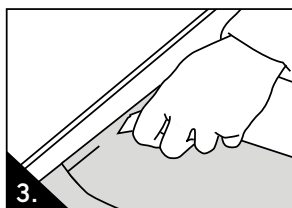
### Step 1.

Roll out the underlay, foil side down (image 1). The underlay must be laid perpendicular to the intended direction of the floor (image 2).



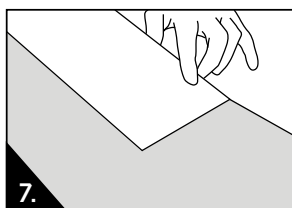
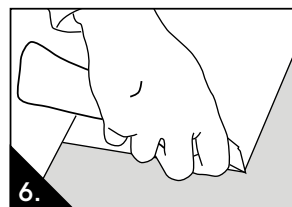
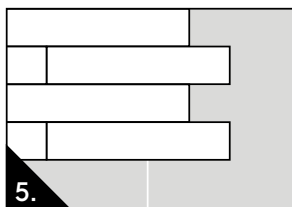
### Step 2.

Seams must be tightly butted together ensuring parallel row header joints are staggered. The underlay should remain free of any tape or fixings. Trim the underlay at the perimeter of the room leaving 50mm excess. Using a wide-bladed brick bolster, create a fold in the underlay at the edge of the room and remove the excess with a knife and straight edge, leaving no gaps between the underlay and the perimeter of the room or fixed objects (image 3). Roll the trimmed ends of the underlay back towards the subfloor, to ensure that it lays flat at the edges of the room (image 4).



### Step 3.

Ensure that planks are carefully positioned so that they overlap the seams in the underlay (image 5). Lay the flooring one row at a time, using the planks as a template to trim the underlying release tape for each row with a utility knife using light pressure (image 6). Carefully position each plank onto the self-adhesive layer on the top of the underlay (image 7). Once complete, roll the floor level using a roller with a minimum weight 50kg. Roll the roller across the width of the planks to ensure that it has been properly pressed throughout.



Scan here to view the installaton video.

