

FITTING TIPS AND CONSIDERATIONS

It is strongly advised that the following tips and considerations are read in conjunction with the comprehensive and detailed fitting instructions and fitment demonstration video which can be viewed and/or downloaded from our website at www.instafl oor.co.uk

- The highly versatile **InstaLay** products are suitable for most types of wood floor installations, including; solid wood tongue & groove, parquet planks, engineered wood, bamboo and wood laminate floor coverings.
- The type of adhesive membrane required (low or high grab adhesion) will be dependent on the type of joint that the floor covering offers: high grab is required for tongue & groove, parquet plank and single-click joint types, whilst low grab is required for double-click systems. The low grab adhesion below the double-click floor covering adheres perfectly to the underside of the boards to provide superior acoustic performance, eliminate 'echo chambers' and maintain the integrity and support of the click joints. The high grab adhesion below the other joint types actually holds the entire installation together whilst providing the required acoustic performance.
- The choice of **InstaLay** thickness (3mm or 5mm) is determined by the sub-floor irregularity and the level of acoustic performance required from the installation. Unlike other air-filled underlays, **InstaLay** does not collapse over time under wood floor coverings and even the 5mm product can be used under any wood floor with total confidence. Using the 5mm product can often circumvent the need to re-screw an irregular sub-floor which saves both time and money. It is also the thickness of choice when superior acoustic performance is required, boasting a massive 26dB ΔL_w measured impact sound improvement.
- **InstaLay** is always fitted using a single-stick method with wood floor coverings. Never use a double-stick installation method as the InstaLay is designed to expand and contract together with the wood floor that it is adhered to and therefore should never be bonded to the sub-floor.
- A separate damp proof membrane (DPM) must always be fitted below the **InstaLay** on all ground floor slabs, new concrete bases and on slabs where the moisture content exceeds the recommended level of acceptance by the wood floor manufacturer.
- All wood floor coverings must be properly acclimatised in the installation environment in accordance with the manufacturer's recommendations prior to commencing the installation.
- The fitment method for wood floor coverings using the **InstaLay** Peel & Stick system is extremely quick and easy. The quickest way to familiarise yourself with this fitment method is to view our wood floor fitment demonstration video at: www.instafl oor.co.uk/Products/InstaLay.aspx

InstaLay



SOUND INSULATION

InstaLay provides an excellent solution for reducing impact sound. As **InstaLay** is made using recycled rubber crumb granules, this gives a high quality long lasting performance providing significant noise reduction and exceptional underfoot comfort.

ACOUSTIC PERFORMANCE

Floor covering	Underlay	Acoustic Performance ΔL_w
Engineered Wood (14mm)	InstaLay 30	18dB
No covering	InstaLay 30	23dB

GUARANTEE

InstaLay high performance peel & stick acoustic underlays are guaranteed for a period of 10 years from the date of installation.

This guarantee applies to all types of indoor installations when used as an underlayment to a fitted floor covering at ambient room temperatures.

This guarantee covers against manufacturing defects and is only upheld in instances where our recommended product selection, installation methods and claim procedures have been strictly adhered to.

In the event of a confirmed product failure due to a manufacturing defect, the company will replace the defective portion of the underlayment with new equivalent product, free of charge.



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InstaLay

by: **InstaFloor**
SUPPORTING YOUR WORLD

Self-adhesive acoustic underlays for timber floors



InstaLay*

InstaLay

High Performance Peel & Stick Acoustic Underlays

Unique to the global market, the InstaLay system (patent pending) is a new range of high performance underlay products for the flooring market that incorporate an innovative Peel & Stick system. By removing the need for glue or nails, the InstaLay system revolutionises the way wood floors are fitted by significantly reducing labour times to enable rapid quality installations without mess or delays.

The InstaLay system has the benefit of being supported internally by recycled vulcanized rubber crumb granules, unlike traditional air filled textile, foam and plastic underlays. The advantages are that when InstaLay is compressed the rubber granules provide excellent cushioning performance, but when the pressure is released these granules immediately return to their original shape. In addition, they will not degrade over time and have excellent acoustic properties.

InstaFloor and sister company InstaCoustic have been leading providers to the flooring market for over 25 years. During this time they have developed a reputation for providing high quality flooring products that give exceptional performance and are backed by first class customer service.

BENEFITS OF INSTALAY RECYCLED RUBBER CRUMB UNDERLAYS

- Unique Peel & Stick construction that considerably reduces installation times and costs
- Quick to fit, easy to work with - saving time and money
- Eliminates the need for glue and nails
- Removes minor sub-floor irregularities without re-screeding
- Gives high quality comfort, stability and performance
- Two adhesive types to choose from - high grab and low grab
- Adhesive membrane provides perfect adhesion every time
- No adhesive flash-off times required
- Adhesive membrane enhances the click system lock
- Elastic cohesion compensates for seasonal movement
- Superior noise reduction due to the InstaLay/wood adhesion
- Hygienic – naturally anti-microbial, anti-allergy and resistant to decay
- Environmentally friendly and fully recyclable
- High quality and durable - will not deteriorate or collapse
- Excellent acoustic insulation
- Can be used with underfloor heating systems
- Guaranteed for 10 years

Environmentally Friendly



- Made from recycled tyre rubber
- Bonded with synthetic rubber
- Fully recyclable – 'Cradle to Cradle'



Luxurious Comfort with Environmental Peace of Mind

* Patent Pending

APPLICATIONS

High Grab Adhesive Applications

	InstaLay 30hg	InstaLay 50hg
Single-Stick Applications		
<i>Tongue and Groove joint types:</i>		
Solid Wood	✓	✓
Engineered Wood	✓	✓
Bamboo	✓	✓
<i>Single-Click joint types:</i>		
Engineered Wood	✓	✓
Bamboo	✓	✓
Wood Laminate	✓	✓
<i>No joint system:</i>		
Parquet Planks	✓	✓

Low Grab Adhesive Applications

	InstaLay 30lg	InstaLay 50lg
Single-Stick Applications		
<i>Double-Click joint types:</i>		
Engineered Wood	✓	✓
Bamboo	✓	✓
Wood Laminate	✓	✓

These innovative high grab and low grab pressure-sensitive adhesives have been carefully selected to satisfy the particular requirements of different flooring applications. The high grab variety is designed to lock the wood together seamlessly and provide a permanent bond without the need for time consuming glue and brace techniques. The low grab version allows for future lifting, while the physical bond between the underlay and the boards ensures maximum acoustic performance and eliminates the possibility of any 'echo chambers' developing.



PRODUCT INFORMATION

Details	InstaLay 30	InstaLay 50
Recommended Use	See Applications, above	See Applications, above
Thickness	3mm	5mm
Backing Type	Non-Woven Polypropylene	Non-Woven Polypropylene
Compound	Minimum 80% recycled tyre tread	Minimum 80% recycled tyre tread
Bonding Agent	Synthetic Latex	Synthetic Latex
Guarantee	10 years	10 years
Weight	1.3 kg/m ²	2.0 kg/m ²
Density	443 kg/m ³	400 kg/m ³
Roll Weight	20kg	20kg
Roll Size	1m x 15m	1m x 10m
M ² per roll	15m ²	10m ²
Thermal Resistance		
BS 4745:2005 (ISO 5085-1:1989)	0.60 togs	0.83 togs
Measured Improvement of Impact Sound (ΔL_w)		
BS EN ISO 140-8:1998	23dB ΔL_w	26dB ΔL_w
Impact Insulation Class (IIC)		
ASTM - E492-09	IIC 55	IIC 58
Odour	No Objectionable Odour	No Objectionable Odour