



InstaLay

Self-adhesive
cushion underlays
for carpeted floors



InstaFloor

SUPPORTING YOUR WORLD



InstaLay*

High Performance Peel & Stick Cushion 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 significantly reducing the need for glue or grippers, the InstaLay system revolutionises the way carpets are fitted by significantly reducing labour times to enable rapid quality single and double-stick installations without mess or delays.

The InstaLay system has the benefit of being supported internally by recycled vulcanized rubber crumb granules, unlike traditional foam and textile 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 to being non-collapsing, 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
- Significantly reduces the need for carpet grippers or glue
- Gives high quality comfort, stability and performance
- Two adhesive types to choose from - high grab and low grab
- Adhesive membrane provides immediate bond – no flash-off delays necessary
- Adhesive membrane allows simple fitting to stairs
- Eliminates the risk of early or late placement
- Carpet joins are quick and simple
- Suitable for single-stick and double-stick applications
- 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

*Comfort and Stability
with Environmental
Peace of Mind*

* Patent Pending

Environmentally Friendly



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



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APPLICATIONS

High Grab Adhesive Applications – Permanent Bond

| | InstaLay 30hg | InstaLay 50hg |
|----------------------------------|---------------|---------------|
| Double-Stick Applications | | |
| <i>Broadloom carpet types:</i> | | |
| Tufted | ✓ | ✓ |
| Woven | ✓ | ✓ |
| Fibre Bonded | ✓ | ✓ |
| Natural Fibre | ✓ | ✓ |
| <i>Carpet Tile Types:</i> | | |
| All types | ✓ | ✓ |
| Single-Stick Applications | | |
| <i>Broadloom carpet types:</i> | | |
| Tufted | ✓ | ✓ |
| Woven | ✓ | ✓ |
| Fibre Bonded | x | ✓ |
| Natural Fibre | x | ✓ |
| <i>Carpet Tile Types:</i> | | |
| All types | ✓ | ✓ |



Low Grab Adhesive Applications – For Future Lifting

| | InstaLay 30lg | InstaLay 50lg |
|----------------------------------|---------------|---------------|
| Double-Stick Applications | | |
| <i>Broadloom carpet types:</i> | | |
| Tufted | ✓ | ✓ |
| Woven | ✓ | ✓ |
| <i>Carpet Tile Types:</i> | | |
| All types | ✓ | ✓ |
| Single-Stick Applications | | |
| <i>Broadloom carpet types:</i> | | |
| Tufted | x | ✓ |
| Woven | x | ✓ |
| <i>Carpet Tile Types:</i> | | |
| All types | x | ✓ |



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 |

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 both single and double-stick installations of all types of soft floor coverings.
- The type of adhesive membrane selected (low or high grab adhesion) will be dependent on the type of application: low grab is for installations where future lifting, without replacing the underlay, is envisaged; high grab is for installations where a more permanently bonded floor covering is required.
- In certain situations the type of floor covering will determine the necessary adhesion strength. As broadloom fibre bonded carpets have strong memory and natural fibre carpets are prone to bubbling, they should both always be fitted using the high grab adhesive products (IL30hg and IL50hg). If a single-stick installation is required, then only IL50hg is recommended for these types of soft floor coverings.
- Where a single-stick installation of a broadloom floor covering is required (when future uplifting without underlay replacement is envisaged) then only the IL50lg product is recommended. The IL30lg is not recommended for this particular type of application.
- A woven carpet with a jute backing should always be installed using grippers around the edges and the joins should be secured with heat bond tape. This type of carpet shrinks dramatically during wetting and drying cycles and therefore has to be fitted in this manner. For a more detailed description of how to undertake a heat bond tape join using the InstaLay system, please view our carpet fitment demonstration video at www.instafl oor.co.uk/Products/InstaLay.aspx
- InstaLay 30hg is the ideal product to use as an underlay on stairs but it must always be installed using a double-stick method in this area. The high grab adhesive membrane provides quick and easy adhesion to the floor covering, while the 3mm thickness lends itself to the folding required on stairways. The excellent high traffic performance of **InstaLay** ensures that the underlay is extremely durable in this uniquely concentrated high foot traffic area.
- The IL30lg and IL30hg products will revolutionise the usual cold, hard and relatively 'unfriendly' carpet tile installation into a softer, warmer, anti-fatigue and plusher installation that is particularly inviting to customers in the retail commercial sector. If regular tile replacement is envisaged, then it is recommended that the IL30lg product is used in a double-stick installation.
- In most instances, carpets laid on **InstaLay** can be simply butt-joined with the strength of the adhesive membrane keeping the joins intact throughout the life of the installation. However, when using the low grab products, or where the installation will be subject to wheeled traffic, castor wheels, high foot traffic or wet cleaning, it is recommended that the joins be secured using heat bond tape (see photo, top right).

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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 |
|------------------------------|-------------|-----------------------------------|
| Tufted (1480gsm) | InstaLay 30 | 30dB |
| Tufted (1480gsm) | InstaLay 50 | 36dB |
| Woven (2689gsm) | InstaLay 30 | 40dB |
| Woven (2689gsm) | InstaLay 50 | 41dB |
| Carpet Tile (Bitumen-backed) | InstaLay 30 | 29dB |
| Carpet Tile (Plain-backed) | InstaLay 30 | 29dB |

GUARANTEE

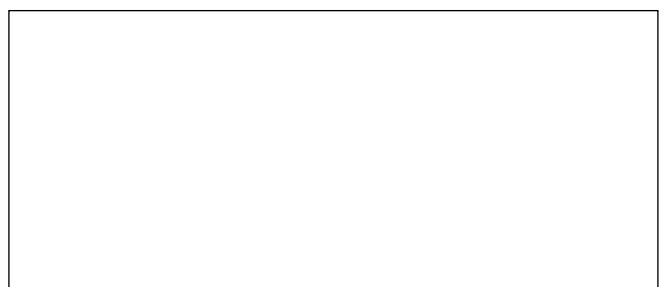
InstaLay high performance peel & stick acoustic underlays are guaranteed for a period of 10 years from the date of installation.

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.

Approved Distributor



InstaFloor

SUPPORTING YOUR WORLD

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