



# Insul-Lock® LR

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## **PRODUCT DESCRIPTION**

Insul-Lock insulation adhesive is a single component, fast setting, modified polyurethane adhesive designed to adhere approved insulation to insulation, structural decks, base sheets, and smooth surfaced built up roofs.

## **PRODUCT ADVANTAGES**

**Easy Application** - Insul-Lock's revolutionary formulation allows for quick installation with no major equipment investment. Simply apply Insul-Lock in ribbons directly from the easy pour container and place, do not slide, the boards onto the substrate. There is no need to continuously walk in the boards to maintain positive contact. This translates into savings for both the contractor and the building owner.

**Low Odour** - The low odour nature of this product makes it a perfect fit for sensitive environments such as schools and hospitals, and a must for environmentally conscious facilities. Insul-Lock is a V.O.C. compliant solution that will not disrupt building occupants.

**No Priming Required** - Insul-Lock requires no priming, which translates into faster, lower cost applications. Advanced research and development has created a product that will bond to a variety of substrates.

**Versatile** - Insul-Lock is compatible with a variety of insulation types including polystyrene. It provides a fast set in a variety of temperatures. In addition, Insul-Lock requires no special application equipment making it a smart option for difficult to access areas.

**Fast Application** - Insul-Lock pour-grade formula provides consistent yields and fast application. Because it is a low-rise foam, it will not displace insulation boards as it cures. Insul-Lock sets quickly which provides uplift protection sooner than most other insulation adhesives.

## **APPLICATION**

All surfaces should be clean, dry, free of dirt, dust, debris, oils, gravel, unadhered coating, deteriorated membranes or other contaminants that may inhibit adhesion.

Apply Insul-Lock insulation adhesive directly to the substrate in 6 beads per board for normal use. Immediately place the insulation board, rather than sliding it, into the wet adhesive.

Do not allow the Insul-Lock to skin over.

Briefly step each board into place to ensure contact with the wet adhesive. Substrates with irregular or uneven surfaces may prevent the insulation from making positive contact with the adhesive. In these cases, relief cuts or a temporary weight may be required.

## **LIMITATIONS**

- Do not apply Insul-Lock when temperatures are below 5°C
- Do not apply to wet surfaces
- Use only flat insulation boards
- Do not use on slopes greater than 2:12

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Technical Data	Insul-Lock
<b>Density @ 25°C</b>	1.01 g/m <sup>3</sup>
<b>Slope Limitations</b>	2:12
<b>Viscosity @ 25°C</b>	4000 cP
<b>Tack-Free Time @ 25°C and 50% RH</b>	20 minutes
<b>Colour</b>	Brown
<b>Solids</b>	95%
<b>Coverage (depending on substrate)</b>	216-325 g/m <sup>2</sup>
<b>Packaging</b>	6.5kg

For specific application recommendations and coverage rates, please contact your regional Garland Technical Manager or the Garland Technical Department.



For more information - visit us at [www.garlandukltd.co.uk](http://www.garlandukltd.co.uk)

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*Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your Garland Regional Technical Manager or the Garland Technical Department for more information.*

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