

FLAT ROOF INSULATION · LITHERLAND

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# Surveyed in July. Rebuilt in August.

An L shaped extension roof on Merseyside: three weeks from survey to start, two days on site.



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14 JULY, SURVEY



## THE STARTING POINT

# Patched, chalky and holding water.

The survey visit. Felt over a timber deck, wrapping round two sides of the house, with more edge and abutment than a simple rectangle.



## DAY 1

# A membrane over the existing roof.

Monday. Underlay membrane lapped and taped over the existing roof before the insulation goes down.



DAY 1

## 140 mm of foil faced PIR.

Cut tight to the abutments, joints staggered and taped.  
Covered before we left.



DAY 2

## A new OSB deck on top.

Tuesday morning. Fixed through the insulation into the joists, ready for the membrane.



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DAY 2

## One sheet of EPDM rubber.

Corners and abutments formed properly, edges dressed over new trims. An L shaped roof is all about the corners.



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4 AUGUST, 14:02



**FINISHED**

## **New white fascias, matched to the cladding.**

So the roof looks finished from the garden as well as from above. Handed back at two o'clock on the Tuesday.

## WHY A WARM ROOF

# Insulation above the joists, not between them.

- The timber stays on the warm side, so condensation has nowhere to form.
- One sheet of EPDM on a new deck: no seams across the roof for water to find.
- The room underneath stops being the coldest in the house in winter and the hottest in summer.
- A new covering on its own does none of this. The insulation is what changes the room.



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## Got a flat roof like this?

- ✓ PAS 2030:2023 certified for flat roof insulation
- ✓ TrustMark registered
- ✓ Insurance Backed Guarantee issued by Energy Giants
- ✓ Every layer photographed, on every roof

**Full case study: link in the comments**

Homeowners get a free survey and a fixed price. Housing providers get a roof by roof survey and a build up that stands up to audit. 01200 407790 · [energygiants.co.uk](https://energygiants.co.uk)