

Extension roof, Litherland Surveyed in July, rebuilt warm in August

Brick house with a clad rear extension, Merseyside · Surveyed 14 July, delivered 3 to 4 August 2026

An L shaped felt roof wrapping round the rear extension of a house in Litherland, patched, chalky and holding water. Energy Giants surveyed it in July and, three weeks later, rebuilt it as a warm roof with 140 mm of foil faced PIR above the joists, and finished it in EPDM rubber with new white fascias to match the cladding, over two days.

2 days

on site, start to finish

3 weeks

from survey to start

140 mm

foil faced PIR insulation

EPDM

rubber membrane finish



14 July, survey visit. Old felt, patched and ponding.



4 August. EPDM down, edges dressed, ready to hand back.

WHAT WE DELIVERED

- Every edge, abutment and outlet measured at survey; priced and booked within three weeks
- Underlay membrane lapped and taped over the existing roof
- 140 mm foil faced PIR insulation boards, cut tight to the abutments and taped
- New OSB deck fixed through the insulation into the joists
- Single sheet EPDM rubber membrane bonded to the deck, corners formed properly, edges dressed over new trims
- New white fascias to match the existing cladding; every layer photographed

CERTIFIED AND GUARANTEED

PAS 2030:2023 certified

Energy Giants holds PAS 2030:2023 certification for flat roof insulation (measure B5, certificate SIC123052 P2030 1) and is TrustMark registered: the standard funded retrofit requires, and the same build up we deliver on housing programmes.

Insurance Backed Guarantee, issued by Energy Giants

Every flat roof we install is handed over with an Insurance Backed Guarantee issued by Energy Giants and insured through the Bluedrop facility, so the workmanship guarantee is protected by an insurer as well as by us.

FOR HOMEOWNERS

Patched or pooling felt, damp marks on the ceiling below, rooms that are cold in winter: the roof is uninsulated. An extension roof like this is surveyed, priced and rebuilt within the month.

FOR HOUSING PROVIDERS AND CONTRACTORS

Each roof surveyed and priced individually, insulation above the deck, and a photographic record of every layer for handover and funding evidence.

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Full case study, photographs of every layer and notes: energygiants.co.uk/case-studies/litherland-flat-roof-insulation (scan the code). Dates from our survey and site photographs, 14 July and 3 to 4 August 2026. Insulation is 140 mm foil faced PIR board; the board and thickness for any roof is set at survey and stated on the quotation. The customer's address is withheld for their privacy. Energy Giants is a trading style of Efficient Energy Systems Ltd (Company No. 17329387), The Former Ambulance Station, Princess Avenue, Clitheroe BB7 2AL.

