

LEAD & COPPER REPRODUCTION: CASE STUDIES



ADVANCED LIQUID ROOFING SYSTEMS



REPLICA LEAD & COPPER FINISHES PREVENT THEFT

NEW BUILD



Above and below: Architectural use of Polyroof 185 lead roll effect on domestic and commercial buildings



Polyroof solutions for lead roll finishes

The rocketing cost of metals, fuelled by increasing demand from Asia, has led to a marked increase in thefts of lead. Flashing from old and new buildings is being stolen and the lead roofs of churches and schools are being systematically stripped, often by professional gangs.

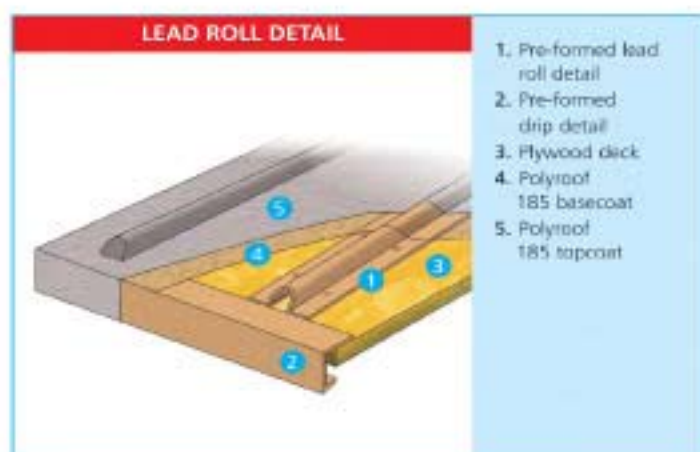
Polyroof have the solution. For the look of lead or copper at a fraction of the weight and the price - and with no scrap value - Polyroof Products offer cold, liquid-applied membrane systems.

Simulated lead roofing system

Polyroof Products offer two systems, both BBA approved:

- **Polyroof 185 GRP system for new build**
- **Elastex polyurethane overlay for roof refurbishment**

Attractive, tough and maintenance-free, Polyroof systems can be used on flat or pitched roofs and all forms of internal guttering. Although it looks remarkably like lead, Polyroof offers distinct and unique advantages over natural lead.



Polyroof 185 lead roll application

The diagram (left) shows a lead roll finish in Polyroof 185, achieved using a special pre-formed fibreglass detail. The roof is boarded using exterior grade Finn Forest II/III plywood onto which the glassfibre reinforced Polyroof 185 system fuses to form an extremely tough, seamless membrane. The topcoat, which is available in a selection of colours, encapsulates all surfaces to give a watertight seal, guaranteed for 20 years. Polyroof 185 is also 30-year durability rated by the BBA.

FOR SPECIFICATION AND ADVICE CALL OUR HELPLINE : 0800 801 890 / technical@polyroof.co.uk

- up to 40% cheaper than lead
- highly vandal resistant
- no scrap value
- installed by

Elastex overlay: lead /copper refurbishment

For lead roof refurbishment we offer Elastex, a highly flexible polyurethane overlay systems for the over-coating of existing lead or copper roofs. This is an ideal solution for rejuvenating and waterproofing an ageing lead roof. It also seals in laps and seams making removal of the lead much more difficult. Elastex forms an excellent bond with metal substrates and can be applied with the minimum of surface preparation – just cleaning and priming. Elastex is approved by the BBA and flexible guarantees of up to 25 years are available dependent on substrate condition.



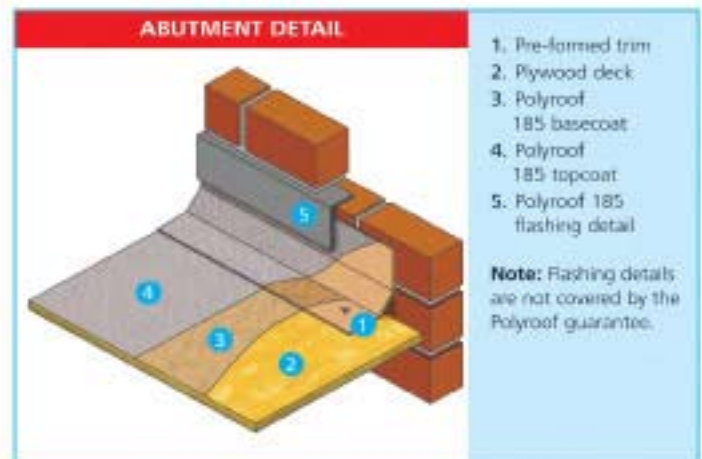
Above: Rejuvenation of 150 year-old lead roof of an historic house

Below: Roof of Victorian building refurbished with Elastex



Polyroof 185 flashing and trims

Polyroof flashing trims are pre-formed in tough, self-coloured GRP. They simulate lead and are chased into the brick course in the same way as lead flashing. The diagram (right) shows a cross section of a Polyroof 185 lead roof construction where the flashing trim (5) is used in conjunction with a pre-formed trim (1) to give a seamless and totally waterproof finish to abutment details. A range of trims including edge and drip trims give the roof a perfect finish.



FOR PRODUCT DETAILS CONSULT OUR SPECIFIER GUIDES FOR POLYROOF 185 AND ELASTEX

skilled and approved contractors ■ tough seamless membrane ■ BBA approved systems

CONTACTS

Simulated Copper

Polyroof 185 was used on this award winning renovation of a derelict Victorian bandstand in Wrexham, North Wales. The patina of weathered copper is achieved by using pale green pigment in the resin. Since the roof has no scrap value, it is no longer targeted for its scrap value and will last for many decades to come.



Technical Assistance

Our technical support department will be pleased to answer any enquiries or send sample specifications.

Email: technical@polyroof.co.uk

or call our Technical Helpline:

0800 801 890



POLYROOF PRODUCTS LTD
FURNESS HOUSE
CASTLE PARK IND. EST.
FLINT, FLINTSHIRE
CH6 5XA

Tel: 01352 735135

Fax: 01352 735182

Email: technical@polyroof.co.uk

www.polyroof.co.uk

**TECHNICAL
HELPLINE**

0800 801 890



Polyroof 185
Elastex



PM 51993

n55Plus