



## Protec Advanced Fibreglass

### Key Features and Benefits

- ✓ **Seamless and Durable Liquid Applied System Designed for Roofing**  
The Protec system provides a durable and seamless membrane that eliminates the risk of water ingress at the weak points associated with the lap joints of sheeted roofing materials, such as felt or single-ply systems.
- ✓ **BBA Approved**  
Polyroof systems are approved by the British Board of Agrément, with durability ratings of up to 20 years. BBA Approval is necessary for a GRP roofing system to comply with Building Regulations and should satisfy your building insurer regarding flat roof premiums.
- ✓ **Manufacturer's Insurance-Backed Guarantee**  
Polyroof Products Ltd, established in 1984, independently issue all guarantees.
- ✓ **Cold Applied for Maximum Safety**  
All Polyroof systems are cold applied so there are none of the safety risks associated with the open flames and hot torches used with traditional roll-applied systems.
- ✓ **Polyroof Approved Contractors**  
All Polyroof approved contractors are fully trained and accredited under the ISO 9001 quality management system.





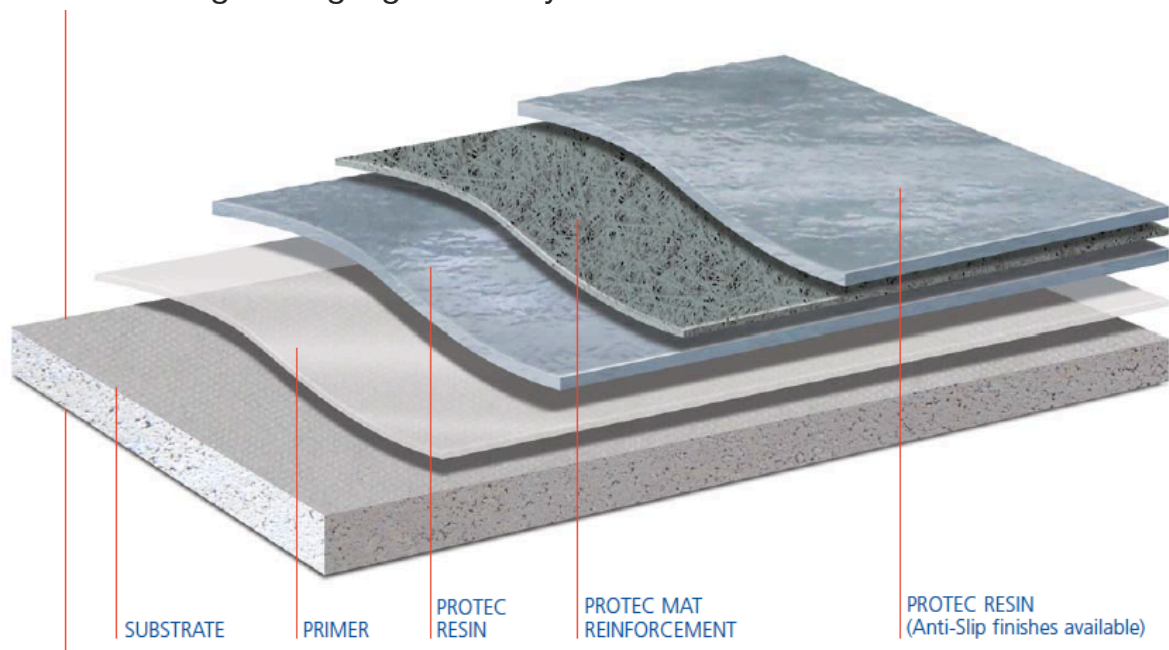
## Flat Roof Refurbishment

If you have a flat roof that is leaking, or perhaps nearing the end of its life span (10yrs felt, 20 yrs asphalt), Sky Roofs offers a number of waterproofing services that would not require the removal of the existing roof. This can result in huge cost savings on removal and disposal, without any loss of waterproofing performance. Further, a 20 year waterproof guarantee can be issued upon completion.

### Option 1 – Waterproofing/substrate overlay

In this option, Sky Roofs can overlay the existing surface with Protec fibreglass, to give a seamless and durable surface.

The below diagram highlights the layers of material used.



### Key Benefits:

- Disposal cost savings
- 20 year waterproof guaranteed
- Seamless, durable system, cold applied
- Cost effective, efficiently laid waterproofing system



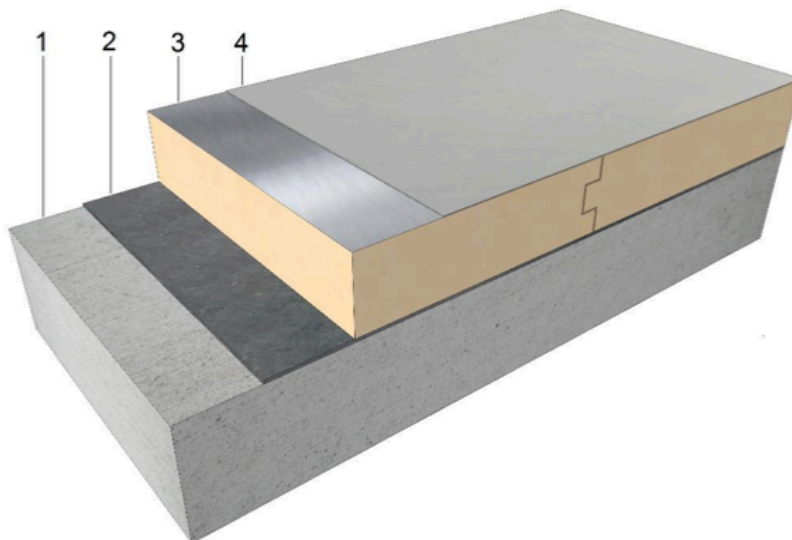
### Option 2 – Insulation Upgrade

In this option, Sky Roofs can upgrade the insulation of the building by placing insulation tiles above the roof surface (after making good), and then waterproofing with Protec fibreglass (as described in option1)

The below diagram highlights the layers of material used.

### Installation of Polyroof Warm Roof System:

#### 2.1.2. Proposed Construction



1. Existing construction
2. Existing waterproofing made good and retained as a VCL or new self-adhesive vapour barrier laid
3. 120mm Polyroof 'RES' Insulation (T&G)
4. Protec system

#### Key Benefits;

- All the benefits of option1
- Building regs compliant u value (.17)
- 20 year, Polyroof held, full roof guarantee

Much of the below information can be found on the Polyroof website:

<http://polyroof.co.uk/products/protac-system/>