



*Rely on it.*

# RENOLIT ALKORPLAN

Waterproofing for all Housing Applications

A close-up photograph of a snail with a brown and white striped shell resting on a green leaf. Several clear water droplets are on the leaf's surface, some near the snail. The background is a soft-focus green.

EXCELLENCE  
IN ROOFING

2 RENOLIT WATERPROOFING





## Waterproofing for all Housing Applications

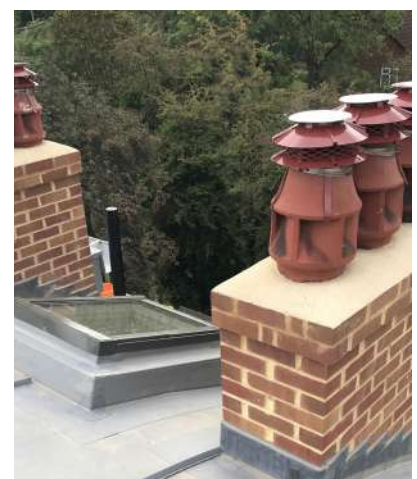
RENOLIT ALKORPLAN is a modern approach to waterproofing from large apartments to individual properties, complete roofing systems to extensions, balconies, garages and porches.

With a presence in the market for over forty years, **RENOLIT** is one of the largest European producers of synthetic single-ply waterproofing membranes for roofing.

**RENOLIT ALKORPLAN** has an excellent reputation based on a consistent high quality product, crisp and clean detailing, wide colour range and proven longevity.

Our products are intended for waterproofing flat, pitched or curved roofs on new buildings and for refurbishment.

**RENOLIT ALKORPLAN** is a thermoplastic membrane based on PVC-P and is fully compatible with UPVC accessories such as rooflights, barge boards and cladding.



## Advantages of RENOLIT ALKORPLAN

### Cost-effective

- One single 30 m<sup>2</sup> roll replaces 6 bituminous rolls in a 2 layer system
- RENOLIT membrane is 20 to 40% lighter than traditional multilayer systems; reducing cost and need for heavy support structure
- Low maintenance costs; generally limited to bi-annual inspections. A visual inspection and clearing of gutters and outlets is all that is required

### Physical properties

- One complete waterproof layer
- Vapour permeable
- Flexible
- Static and dynamic perforation resistance
- Clean to install with limited mess

### Thermal Properties

- Suitable for warm and cold roof details
- Compliant with and may exceed current regulations
- Compatible with all major insulation materials
- Solutions for reduced thresholds

### Fire Resistant

- RENOLIT roofing membranes are tested to European Standards and are fire retardant.
- During installation there is no naked flame. RENOLIT ALKORPLAN is installed via hot air welding
- Activity within the building may be continued without risk to the people inside

### Installation

- RENOLIT has a nationwide team of Approved Roofing Contractors
- Only approved and trained personnel may install the product

### Durability

- Life expectancy assessed by the BBA (British Board of Agrément) in excess of 35 years
- Comprehensive national and international certification

### Warranty and Guarantee

- Insurance backed product warranty for 10,15 and 20 years.
- 20 Year insurance backed guarantee option, covering, materials, labour and scaffolding

### The Environment

- RENOLIT complies with ISO 14001 and has BREEAM A Plus rating
- RENOLIT roofing membranes can be recycled and reintroduced into the production process in order to preserve valuable resources. After their service life, old roofing membranes may be collected and recycled to manufacture other products

### Colour Range

RENOLIT has one of the largest choice of colour in the market with particular RAL and Pantone references available on quantities of 500m<sup>2</sup> and above.





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## RENOLIT ALKORBRIGHT

A brilliant white, lacquered single ply membrane. Designed to shed grime and provide extended longevity.

RENOLIT ALKORBRIGHT has the highest reflectivity in the world, reducing solar gain and heat build-up across the roof.

It improves the efficiency of both solar thermal and PV panels, providing cool roof technology.



## RENOLIT ALKORDESIGN

RENOLIT ALKORDESIGN combines the aesthetic of standing seam with the benefits of a reliable synthetic roof through the application of a purpose made extruded profile. Permanent and flexible they follow the roof surface offering an eye-catching appearance and assistance with drainage flow when required.

Effective on all pitches, RENOLIT ALKORDESIGN profile is available in two different sizes with colours to represent lead, zinc, aluminium, metallic copper and copper green.



## RENOLIT ALKORGREEN

Benefit from a living green roof with a complete extensive sedum package via RENOLIT ALKORGREEN

The system features dedicated certified waterproofing membrane, 50mm of purpose made substrate and hardy UK grown sedum.



## RENOLIT ALKORLIGHT

A complete range of production and custom made rooflights in UPVC and aluminium.





RENOLIT ALKORSOLAR



RENOLIT ALKORSOLAR

RENOLIT ALKORSOLAR  
CARRIER SYSTEM

RENOLIT ALKORPLAN



RENOLIT ALKORPLAN

## RENOLIT ALKORSOLAR

The unique **RENOLIT ALKORSOLAR** system has brought a step change to the way in which photovoltaics are fixed to single ply membrane.



A simple solution, the PVC profile and aluminium box section combination are hot air welded to the surface of the membrane, providing a solid mounting for all types of PV and solar thermal systems.

**RENOLIT ALKORSOLAR** profile is light weight, non-penetrative to the waterproofing layer and omits the need for extra ballast. It works in harmony with **RENOLIT ALKORPLAN** and particularly **RENOLIT ALKORBRIGHT**, with longevity and strength guaranteed. Common to all **RENOLIT** products it is thoroughly independently tested.

## RENOLIT ALKORSOLAR CARRIER SYSTEM

The **RENOLIT ALKORSOLAR** profile also acts as a carrier system. A client may choose to overclad with a variety of decorative finishes, including materials not normally used on low pitches. A façade or wall material may be extended over the roof.

**RENOLIT ALKORSOLAR** profile has been used to carry anodised aluminium panels, cedar shingles, brick slips, timber planking, aluminium composite panels, high pressure laminate, slates and tiles to name but a few. Giving the benefit of single ply waterproofing with an individual finish.

## RENOLIT ALKORPLAN

Single ply membrane systems are suitable for both modern and traditional buildings.

The information contained in the present commercial literature has been given in good faith and with the intention of providing information. It is based on current knowledge at the time of issue, and may be subject to change without notice. Nothing contained herein may induce the application of our products without observing existing patents, certificates, legal regulations, national or local rules, technical approvals or technical specifications or the rules and practices of good workmanship for this profession. The purchaser should verify whether import, advertising, packaging, labelling, composition, possession, ownership and the use of our products or the commercialisation of them are subject to specific territorial rules. He is also the sole person responsible for informing and advising the final end user. When faced with specific cases or application details not dealt with in the present guidelines, it is important to contact our technical services, who will give advice, based on the information at hand and within the limitations of their field of expertise. Our technical services cannot be held responsible for the conception of, nor the execution of the works. In the case of negligence of rules, regulations and duties on the part of the purchaser we will disclaim all responsibility. The colours respect the UV resistance required by EOTA, but are still subject to the natural change over time. Are excluded from the guarantee: aesthetic considerations in case of partial repair of deficient membrane covered by the guarantee.

[WWW.RENOLIT.COM/ROOFING](http://WWW.RENOLIT.COM/ROOFING)



The British Board of Agrément have assessed the life expectancy of RENOLIT ALKORPLAN F used in the United Kingdom to be in excess of 35 years.



All RENOLIT waterproofing membranes for roofing are part of the ROOFCOLLECT® collection and recycling programme.



The RENOLIT Iberica S.A. factory in Barcelona is approved to ISO 9001/14001.



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