



Look again  
this is single ply membrane



## RENOLIT WATERPROOFING

### ALKORPLAN®

Project Showcase from Advanced Roofing

- Cost-effective installation
- Lightweight and incredibly strong
- Low maintenance, long life
- Fire safety approval
- Aesthetically exciting



Rely on it.



**“Ease of use, technical expertise and pro-active support make Renolit an integral part of our supply chain”**

Formed in 1988, Advanced Roofing strives to be one of the roofing industry’s most progressive contractors.

Fully accredited and members of the NFRC and British Safety Council, we provide independent assurance of quality, environmental and safety systems. Our specialisms include hot melt monolithic membranes, aluminium standing seam roofing, composite and built up metal roofing, side wall cladding and rainscreen systems.

“This brochure showcases the company’s knowledge, project management skills and shared vision in some of the UK’s most recent and outstanding installations utilising Renolit’s ALKORPLAN single ply membrane systems.”

Gordon Harris, Chairman Advanced Roofing



Look again... this is **RENOLIT WATERPROOFING**



**South Cheshire College, Crewe**

“A combination of profiled decorative membranes and functional waterproofing beneath bio diverse roofs”

*Alan Butterworth, BAM Construction*



**Greenways, Macclesfield**

“Designed to replicate copper roofing and installed at a fraction of the cost”

*Rob Durrant, Contracts Manager for Advanced Roofing*



**The Pods Leisure Centre at Central Park, Scunthorpe**

This £21m project will become a sporting centre of excellence for the whole community.

The unique design is thought to be the UK’s largest timber-built geodesic project. It creates five pods each waterproofed using the RENOLIT ALKORPLAN system, finished with contrasting designs that complement the landscape.

Each dome demonstrates possibly the most innovative use of single ply membrane ever seen in the UK.

**“a challenging project, drawing upon the combined technical and practical expertise of the Advanced Roofing and Renolit team”**

*Andrew Wright, Andrew Wright Associates (Architects)*



**West Oaks School, Leeds**

“A refurbishment that refreshed a jaded and leaking building. The failed zinc facade was spoiling the building’s appearance”

*Head Teacher, West Oaks School*



**Hunslet Primary School**

“A technically challenging roofscape with multiple penetrations”

*Dave Hartshorn, Contracts Director for Advanced Roofing*

**ALKORPLAN® F 35176**

Calandered / laminated membrane of flexible PVC with woven polyester reinforcing. Complete with ALKORSOLAR profile supporting aluminium sheet.

**ALKORPLAN® A 35177**

Calandered / laminated flexible fleecbacked PVC, reinforced with glass fibre. Complete with ALKORPLUS metal sheet retaining profiles and sedum cover.

**ALKORPLAN® F 35176**

Complete with ALKORSOLAR profile supporting counter-batten and cedar shingle tiles.

**ALKORPLAN® A 35179**

Calandered / laminated flexible fleecbacked membrane. Complete with ALKORDESIGN® profiles providing aesthetic detailing.

**Kingspan Insulation TR27**

High performance Kingspan Thermarof TR27 LPC/FM insulation was used on ‘The Pods’ project due to its lambda value, as low as 0.024 W/m.K, and ease of installation and handling.



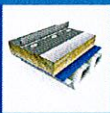


# RENOLIT ALKORPLAN

Waterproofing Membrane Systems

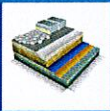


Rely on it.



## Mechanically fastened system

Pressure plates and screws to approved specification are fastened along the edge of the roof sheet, through the insulation and into the roof deck. This system can be used for new build or refurbishment.



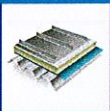
## Ballasted system

The membrane is covered with protection, separation and drainage layers as necessary and restrained with ballast, paving slabs or garden roof planting systems.



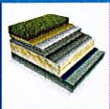
## Adhered system

The membrane is fully bonded. It is particularly suited to refurbishment as some membranes can be bonded directly onto old bitumen or felt.



## RENOLIT ALKORDESIGN

The RENOLIT ALKORDESIGN system simulates the appearance of standing seam and lead roll roofs, without the weight and expense of aluminium, zinc, copper or lead, and the heavy duty roof structure required to support them. The profiles are welded to the RENOLIT ALKORPLAN roofsheet, providing the aesthetic appeal of a seamed or rolled metal roof with all the advantages of single ply.



## RENOLIT ALKORGREEN

This system consists of an adhered vapour control layer, bonded insulation board, followed by the waterproofing membrane which is also adhered. Then a gliding layer, drainage layer and water retention layer. The substrate is then added ensuring feeding substances, water supplies and adequate roof anchorage for the layer of plants that finish this system.



## RENOLIT ALKORSOLAR

The ultra light RENOLIT ALKORSOLAR fixing system makes it possible to attach solar panels onto the roof without the need of extra ballast or perforation of the roofing membrane. The development of the system has taken into account the abilities of PVC roofing membranes to have compatible elements welded directly to them. The method allows a variety of different solar panels to be installed quickly and cost effectively.



## RENOLIT ALKORBRIGHT

RENOLIT ALKORBRIGHT is a durable and highly reflective white single ply. It has excellent temperature reduction characteristics influencing the interior climate and the surroundings of a building. ALKORBRIGHT also increases the return generated by solar panels and photovoltaic cells, making it ideal for use with ALKORSOLAR.



**“We assess the complexities of each project, then we design in the solution”**

David Hartshorn, Contracts Director Advanced Roofing

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