

ALWITRA EVALON

ROOF-TEK

THE ULTIMATE SINGLE-PLY FLAT ROOFING SYSTEM

Flat roofs are permanently exposed to severe stresses and strains, and must be capable of resisting a variety of damaging environmental factors: Most notably, the increase in airborne pollution, climate changes with effects of ozone depletion causing increased UV radiation, mechanical strains from wind forces, rain, hail, ice and snow and temperature variations causing thermal movement. In time, all of these influences can lead to the failure of the roof covering. Signs of deterioration such as crazing, cracking, blistering, wrinkles etc, combined with an accumulation of organic matter and ponding water are alarm signals for advanced stages of ageing of the roof covering and can indicate that failure is imminent. Unless refurbishment is carried out immediately water will leak into the building damaging the structural roof deck, decorations and furnishings.



ALWITRA EVALON-V

Evalon roofing membrane is a high polymer compound made of VET (Vinyl Ethylene Acetate Terpolymer) and polyvinylchloride. With this combination of raw materials polyvinylchloride is elasticised with a high polymer resin modifier. This is a plasticiser free - flexible membrane with outstanding properties for flat roof waterproofing used throughout the world where to date over 50 million m² of flat roofs have been effectively and reliably waterproofed.

INSTALLATION

Evalon roofing membranes are supplied in roll form and fully bonded to the sub-structure. Where the decking has failed, this would be renewed prior to laying the membrane. However, because the membrane is fully compatible with most materials including bitumen, it is sometimes possible to carry out localised repairs before the membrane is laid. The seams of the membrane are homogeneously welded together by means of welding agent or hot air to provide a seamless, trouble-free roof covering. The Evalon system comes with the widest range of high-quality accessories such as perimeter edge trims, wall flashings and capping, rainwater outlets, vents, rooflights etc.



BENEFITS

Evalon membrane meets all requirements relating to resistance to weathering and high environmental pollution and has a life expectancy of up to 50 years. The membrane is fully compatible with bitumen, asphalt and all commonly used insulation materials, is suitable for both new-build and refurbishing roofing projects, and is supplied in a variety of colours.

Evalon membrane can be used for the covering of domed, pitched or flat roofs as well as for tank and pond lining applications. The membrane can be fully bonded, loose-laid and ballasted or mechanically fixed.

Evalon membranes are manufactured in accordance with Din EN 150 9001 and have been awarded the British Board of Agrément Certificate No. 89/2363/C, superseded by Certificate No. 96/3293. On completion of works an insurance-backed guarantee is issued.

For a **FREE SURVEY & ESTIMATE** to treat **YOUR ROOF**, please call us on 01934 642929 or write to:



ROOF-TEK LIMITED
Prospect Place, 19 Lynx Crescent, Weston-super-Mare, North Somerset BS24 9DJ.
Telephone: 01934 6429 29 Fax: 01934 644 290
E-mail: Roof.TekLtd@btinternet.com
VISIT OUR WEB SITE : www.rooftek.co.uk.

Who else would you trust with your home?



Alwitra EVALON Waterproofing Membrane

ROOF-TEK

THE PROBLEM: In the past, flat roofs have given a disappointing performance and have failed prematurely. Bituminous coverings are broken down by the sun's ultra-violet rays, causing them to blister and crack. Any water allowed to "pond" on the surface, is quick to penetrate the layers of felt, causing leaks.

THE SOLUTION: Alwitra KG of Germany have manufactured an extensive range of very superior roofing products that are used throughout the world and enjoy an undisputed reputation for their design, sophistication & reliability.

EVALON - A Polymeric Single-Ply Roofing and Waterproofing Membrane is the principal item within this product range, which also includes accessories for all requirements, from **PVC-Aluminium Edge Trims, Flashings, Profiles and Wall Cappings to Rooflights and Rainwater Outlets.** To date, more than **75 million** square metres of Alwitra's roofing products have been successfully laid.

EVALON ROOFING MEMBRANE:

EVALON - is made of **VET (Vinyl Ethylene Acetate Terpolymer)** and offers superior performance with regard to strength and long-term flexibility. Protects against weathering and high environmental pollution and even under accelerated weathering tests exceeding a free exposure of 20 years, the membrane remained durable and showed no degradation at all. The membrane offers a realistic lifetime expectancy in excess of 50 years.

Being a flexible membrane, **Evalon** can be applied to all types of roof configurations, domed or curved roofs etc. or roofs with minimum fall. The membrane also has a proven reliability as a waterproof covering for patios and terraces. Because the membrane is fully compatible with bitumen, in some cases it is possible to simply overlay existing failed roof coverings.

The membrane can be fully or partially bonded, or mechanically fixed to the sub-strate. After this, the seams are then homogeneously welded together by means of welding agents or hot air.

EVALON - has been awarded a **British Board of Agrément Certificate** and all installations are undertaken by carefully trained and approved technicians. On completion of Contract, we issue a written guarantee against water ingress for a Period of 25 Years. A manufacturer's Insurance backed warranty is also available.

EVALON:

A SUMMARY OF MAIN ADVANTAGES

- Bitumen Compatible and Plasticiser-Free
- Vapour Permeable
- Excellent Resistance to Weathering and Chemicals
- Homogeneous Seam Welding, using Hot Air or Welding Agents
- British Board of Agrément Certificate No. 96/3293
- Life Expectancy to Exceed 50 Years



Agreement Certificate No. 96/3293



ROOF-TEK LIMITED

Prospect Place, 19 Lynx Crescent, Weston-super-Mare, North Somerset BS24 9DJ.

Telephone: 01934 6429 29 Fax: 01934 644 290

Who else would you trust with your home?