



PROTAN DOMESTIC ROOFING

Single Ply Roofing Systems for Your Home

Protan Roofing Solutions For The

PROTAN'S HERITAGE

Protan is one of Europe's largest manufacturers of PVC single ply roofing systems. Protan's origins are Norwegian, where we have been manufacturing and installing roofs since 1971. Our materials have proven durability in the harsh environments of the Nordic region where temperature ranges are much wider than we experience in the UK.

Protan has been trading in the United Kingdom since 1996 and is a wholly owned subsidiary of the parent company, Protan A/S. Our original markets were in the commercial and industrial sectors where we have carried out over 2½ million square metres of projects throughout the UK. Protan is able to provide the same benefits offered to these sectors to the homeowner. This is through our experience of providing service to Nordic homeowners of over 25 years and through our establishment of a nationwide network of Protan Domestic Partner Installers who meet our rigorous standards of customer service, application control and aftercare.



BENEFITS OF SINGLE PLY MEMBRANES

Single ply membranes are strong, flexible sheets composed of synthetic polymer. Protan membranes vary in thickness from 1.2mm to 1.8mm and are hot-air welded at joints to form continuous waterproofing. When combined with insulation and continuous support they form complete, durable roof systems.

ROOF REFURBISHMENT

Traditional felt waterproofing materials are often prone to degradation through UV radiation and movement. This can be seen by cracks, blisters and splits. Protan's installer network carry out detailed investigations of the cause of failure, condition of the roof build up and conformance to Building Regulations before proposing the appropriate solution.

NEW BUILD

Protan membranes are specified by leading UK housebuilders and have been featured in programmes such as Grand Designs. Design options include warm and cold roof constructions for flat, pitched or curved roofs, green roofs, terraces and roofs incorporating energy collection (photovoltaic). Protan offers an NBS Specification service to architects and contractors for the preparation of tenders plus CAD detail drawings

SUSTAINABILITY

Protan's manufacturing plant was one of the first in Europe to adopt ISO14001. We recycle production, training and site waste. All our membranes are recyclable at the end of their exposure limits. Protan believes the use of PVC in roofing, with its proven durability in excess of 30 years, is highly sustainable unlike the use of plastics in disposable goods.

Homeowner

Failing roofs can easily be upgraded or replaced with a Protan Roof System. A survey carried out by the Protan Domestic Partner Installer will identify any problems with the existing roof. They will then provide details of the recommended Protan System. Additionally, existing roofs can be upgraded thermally with new insulation to meet current Building Regulations.



The Solution

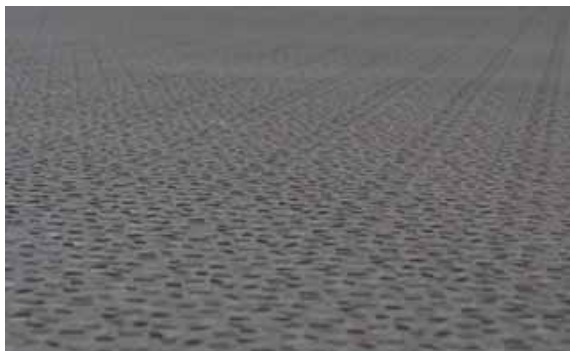


The solution centres around Protan's unique textured PVC membrane. The textured surface provides an aesthetic anti-slip finish. The membrane is normally supplied in dark grey. Alternative colours include light grey and patina green to provide a copper effect. All components are supplied in the matching colour.

Protan membranes are installed either mechanically, bonded or ballasted. The method of installation is dependent upon the substrate. The installation of the Protan membrane is clean and quick. Protan membranes are welded together to create a homogeneous roof covering where the joints are as strong as the original materials. Laps do not have to face downwards as with traditional materials. The welding process uses hot air machines – there are no flames, hot adhesives, resins, solvents or tapes. All details (pipe collars, edge trims, outlets etc.) are welded in the same manner.



The result is a clean attractive roof which, with minimal maintenance, will provide lasting performance. All Protan roofs are warranted for between 10 and 15 years depending upon the specification. The warranty covers all materials supplied by Protan. Protan's Domestic Partner Installers provide an equivalent warranty on their workmanship and can provide an additional independent insurance backed guarantee against insolvency.

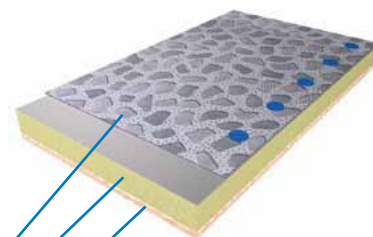


Protan can provide waterproofing solutions including

- Complete Fully Supported Roofs
- Extensions
- Conservatories
- Outbuildings/Garden Offices
- Terraces & Balconies
- Dormers & Porches
- Garages

Typical Construction

Membrane & Fasteners
Insulation
Structural Deck & Vapour Control Layer



A selection of Protan's commercial projects:



HEADQUARTERS & TRAINING CENTRE

Protan has a variety of roof mock-ups at its UK Headquarters in Warrington and customers can also view its training facilities. Appointments can be arranged through the contact details below. Our Domestic Partner Installers can also provide sample details for inspection.

CONTACT

For further information please visit www.protan.co.uk/domestic, call 01925 658 001 or email domestic@protan.co.uk.

We look forward to being of service to you.



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