



**STRATA
WATERPROOFING SYSTEM
NOW AT ROOFNSTOP**

**(01) 621-5677 FOR
INFORMATION**



STRATAPLAN @ ROOFNSTOP

**SINGLE PLY PVC
ROOFING SYSTEMS**

strataplan 

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MORE INFORMATION**

**ROOFNSTOP@HOTMAIL.COM
(01) 621-5677**



Strata Waterproofing is a specialist waterproofing manufacturer and distributor with decades of in-house expertise and experience. At **RoofNStop** we now sell the Strata range of products to provide **modern, innovative solutions** to today's waterproofing challenges.

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INTRODUCING STRATA ROOFING & WATERPROOFING SPECIALIST

At Strata Waterproofing we provide a complete roofing solution, from initial design concept through to completion. We work closely with world-class manufacturers to provide the very best waterproofing systems, backed up with exceptional technical support and long-term warranties.

Our single ply waterproofing systems are suited to many flat roofing projects including:

- New build and refurbishment
- Commercial and domestic buildings
- Lightweight deck structures



STRATAPLAN PVC MEMBRANES ADVANCED WATERPROOFING TECHNOLOGY

StrataPlan Single Ply Membranes are a flexible form of PVC-P (Polyvinyl Chloride), which are welded together using hot air. The membranes are reinforced with either a glass fibre or polyester net, depending on the membrane type, which provides high tear resistance whilst remaining flexible. Mechanically fixed and adhered system options are available to suit individual project requirements.

- ✓ High quality PVC membranes
- ✓ Reliable waterproofing performance
- ✓ Flame-free, fast-track installation
- ✓ Ideal for both new build and refurbishment projects
- ✓ Aesthetically pleasing appearance
- ✓ Available with full range of system accessories
- ✓ Comprehensive, single point warranties



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STRATAPLAN SF

MECHANICALLY FIXED PVC WATERPROOFING SYSTEM

System overview

The StrataPlan SF mechanically fixed roofing system is ideal for lightweight structural deck constructions such as profiled metal or timber. It offers rapid installation and provides a cost-effective, versatile solution for a wide variety of commercial and domestic roofing applications.

Features & benefits

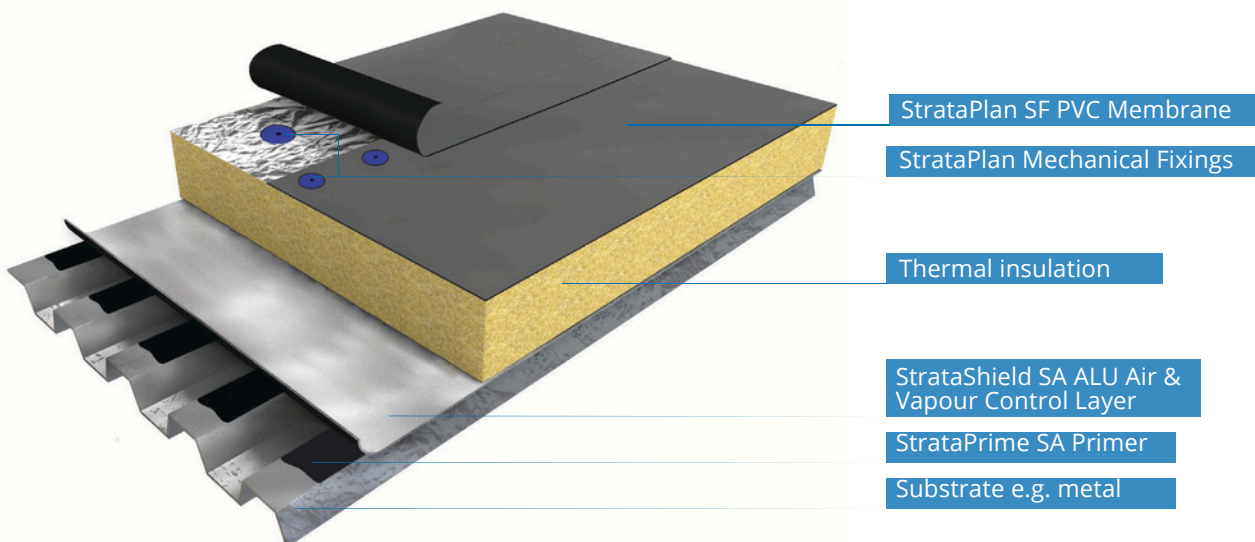
- Mechanically fastened using StrataPlan Fixings in accordance with project specific wind uplift calculation
- Available in 1.2mm or 1.5mm thickness
- Rapid, cost-effective application
- Excellent mechanical properties
- High resistance to UV
- Available with complete range of system accessories

System compatibility

- ✓ Lightweight roof decks, including profiled metal, timber & concrete
- ✓ New build & refurbishment projects
- ✓ Commercial & domestic buildings

System build-up

The illustration below shows a typical StrataPlan SF warm roof system onto an profiled metal deck:



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STRATAPLAN GF

FLEECE-BACK ADHERED PVC WATERPROOFING SYSTEM

System overview

The StrataPlan GF adhered roofing system incorporates a 300gms geotextile fleece backing which avoids the need for any additional separation or protection layers. It is well-suited to both new build and refurbishment projects and is compatible with a wide range of common substrates.

Features & benefits

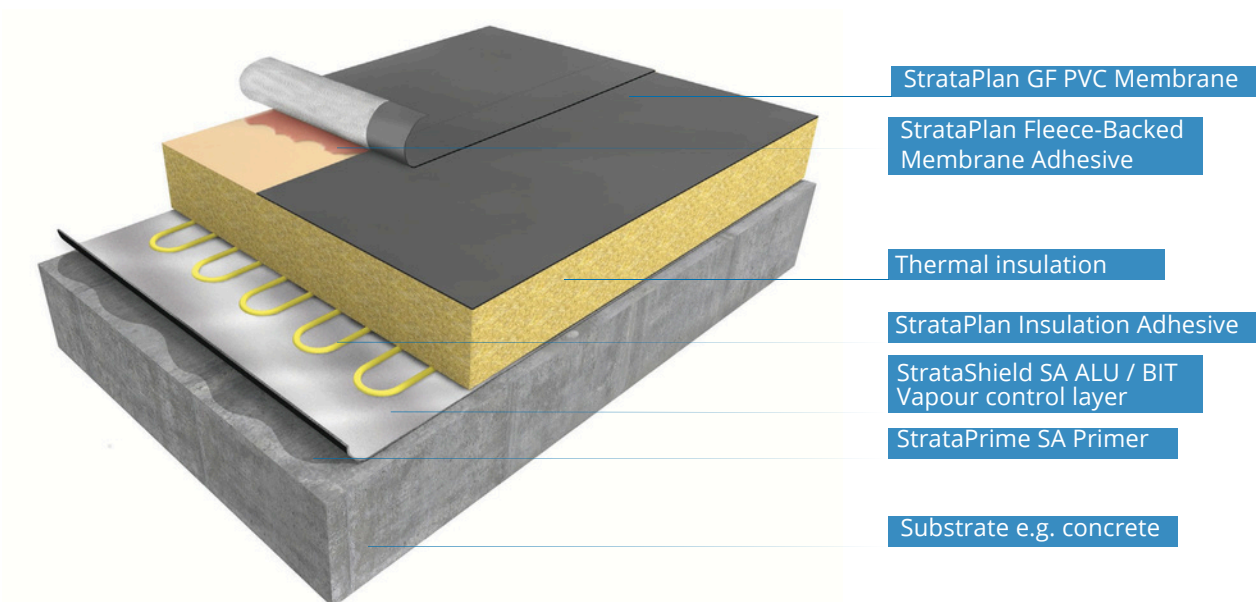
- Adhered to substrate using StrataPlan Fleece-Backed Membrane Adhesive
- 2.0mm thickness (including fleece-backing)
- Efficient, safe installation
- Excellent mechanical properties
- High resistance to UV
- Available with complete range of system accessories

System compatibility

- ✓ New build & refurbishment projects
- ✓ Commercial & domestic buildings
- ✓ Ideal for coastal and other areas subject to higher winds

System build-up

The illustration below shows a typical StrataPlan GF warm roof system onto an concrete deck:



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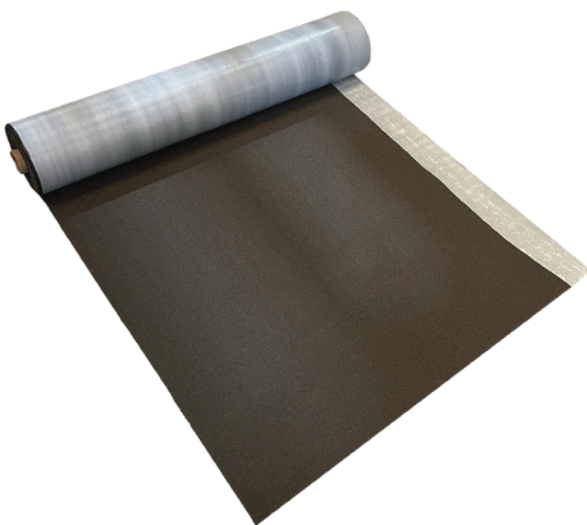
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STRATAPLAN ACCESSORIES

AIR & VAPOUR BARRIERS

Air & Vapour Barriers

Air and vapour control layers are vital components of building envelopes, managing air & moisture movement to enhance energy efficiency and durability. These layers prevent drafts, moisture ingress, and mold growth, ensuring indoor comfort and preserving building integrity. Integrating these layers into construction designs creates sustainable, resilient buildings, shaping a more environmentally friendly future in construction..



StrataShield SA BIT AVCL

Self-adhesive application
Sanded upper surface



StrataShield SA ALU AVCL

Self-adhesive application
Integrated aluminium foil layer



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STRATAPLAN ACCESSORIES

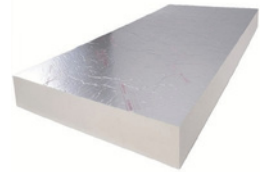
THERMAL INSULATION

Overview

In addition to providing resistance to heat transfer as part of a thermal design strategy, our range of thermal insulation will help to reduce the risk of condensation forming. Investing in quality thermal insulation systems means significantly reducing building energy demands and passively contributing to the building's comfort and sustainability.

PIR Insulation

PIR is widely specified in warm roof buildups of residential and commercial buildings, offering excellent thermal properties. PIR consists of a closed-cell foam core, which provides low thermal conductivity. This means that PIR insulation can effectively reduce heat transfer and improve energy efficiency. Additionally, PIR insulation is lightweight and easy to install, however, PIR is not suitable for heavy access or foot traffic, so it shouldn't be specified for terraces.



Extruded Polystyrene (XPS) Insulation

Extruded polystyrene insulation (XPS) insulation typically features interlocking boards with high compressive strength. These boards are ideal for use on inverted ballasted applications, however they are not compatible with thermo-adhesive underlay membranes.



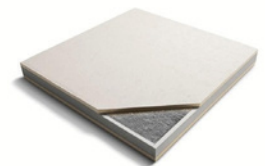
Stone Wool Insulation

Stone wool insulation is manufactured from minerals such as a naturally occurring volcanic rock. It is thicker and heavier than materials such as Polyisocyanurate (PIR) insulation, however it offers exceptional fire performance and acoustic properties.



Vacuum Insulated Panels (VIP)

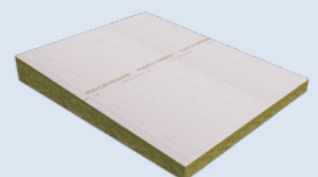
Vacuum insulated panels (VIP) have a very low thermal conductivity (typically at least three times more thermally efficient than the materials listed above). Therefore a much thinner board can be used to obtain the same U-Value. However, they have to be installed to a precise scheme design as their performance is compromised if they are cut on site or mechanically fixed.



Tapered Insulation

For intricate roof designs with complex slopes, a tapered insulation solution is the perfect solution. Cost savings tied to tapered insulation are often overlooked, but thoughtfully chosen, it's a win-win for you and your client.

Our thermal insulation experts will assess your needs and offer efficient solutions, including PIR, EPS, STONEWOOL, and cellular glass. Hybrid combinations of these insulants can meet thermal, strength, acoustic, and fire standards, giving technical and commercial advantages.



STRATAPLAN ACCESSORIES

MEMBRANE ATTACHMENT

Primers & Adhesives

We offer a wide range of high quality primers and adhesives which help ensure a secure, long-lasting bond to the roof surface. Where our self-adhesive vapour control layers have been specified, we have a choice of specially formulated SA primers which are compatible with a wide range of common substrates. We also have a portfolio of high quality adhesives for use with both StrataPlan PVC membranes and thermal insulation. StrataPlan primers and adhesives are available to suit both roller applied and spray applied applications.

Mechanical Fixings

StrataPlan Fixings comprises of a range of specialist tube washers, fasteners, pressure plates and termination bar for mechanically fastening insulation and/or membrane to flat roofs. They have been designed to fasten to various substrates. For each different substrate, the penetration or embedment of the fastener into (or through) the deck will vary, so we offer a handy selector chart to assist with choosing the correct fastener.



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STRATAPLAN ACCESSORIES

COMPLEMENTARY ANCILLARY ITEMS

Flashings & Restraint Bars

We offer a range of pre-fabricated flashings, including standard and watercheck drips, along with chase and upstand terminations. We also provide steel and aluminium restraint bars to enhance peel strength security at termination areas.



Rainwater Outlets & Leafguards

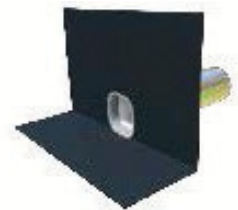
Our range of high quality stainless steel rainwater outlets are available in a choice of diameters and spigot lengths, and are supplied complete with a factory bonded PVC membrane flange. We also offer a range of leafguards to suit various pipe diameters.



Other StrataPlan Accessories

The StrataPlan product range also includes a wide variety of other useful accessories that have been specially designed and manufactured to complete the perfect system installation. This includes the following items:

- [PVC Coated Metal](#) - Coated sheets for roof detailing applications [Detailing & Cover](#)
- [Strips](#) - Available with reinforced or unreinforced membrane [Separating Fleece](#) -
- Non-woven, geo-textile fleece to aid protection & filtration [Integrated Fixing Point](#) -
- To provide a watertight connection to the building structure [Standing Seam Profiles](#) -
- Specially fabricated to imitate a classic standing seam roof [Lightning Conductor Clips](#) -
- - Clips to securely fasten lightning conductor cables



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STRATAPLAN ACCESSORIES

ROOFLIGHT SOLUTIONS

Within our range of accessories we also offer a wide choice of thermally efficient rooflights which can be seamlessly integrated into any StrataPlan system installation. The portfolio includes both standard and bespoke rooflights, along with access hatches, and opening vents which can be tailored to meet particular project requirements. StrataPlan rooflights are ideal for use within warm, cold, and inverted roof build-ups and can also be supplied as domes with an adaptor kerb for easy fitting to preconstructed site kerb. Furthermore, units can be manufactured with either manually operated or automatic opening mechanisms where there are specialist ventilation requirements.



Features & benefits

- Thermally efficient design, achieving a U-Value as low as 1.01W/m²K
- Quick and easy installation
- Versatile range available to suit particular project specifications for light transmission, thermal performance, ventilation, and acoustics
- Suitable for use on virtually any flat roof with a pitch range of 0° to 15°
- Aesthetically pleasing design options, including domes, pyramids and low-rise profiles.

GREEN & BLUE ROOF SYSTEMS

Green and blue roofs continue to grow in popularity and are increasingly specified on flat roofing projects across the UK. Green roofs not only offer many environmental and ecological benefits, they are also highly practical and can help provide additional protection for the waterproofing system beneath. Meanwhile, blue roofs are excellent in helping to manage stormwater run-off in built-up areas, an issue that is becoming more and more prevalent as the effects of global warming lead to unpredictable weather extremes.

Strata Waterproofing works closely with specially selected partners to provide complete living roof systems to our clients. This includes intensive, extensive and biodiverse green roofs, along with blue roof rainwater attenuation systems.



Features & benefits

- Waterproofing membrane can be protected from foot traffic, temperature fluctuations and the harmful effects of UV degradation
- Improved acoustic and thermal performance for the building
- Improved air quality as pollutants are captured and oxygen is produced through photosynthesis.
- Blue roofs enable rainwater run-off to be reduced during heavy rain with controlled discharge to the ground drainage system
- Opportunity for rainwater harvesting, enabling it to be used for non-potable purposes such as irrigation, toilet flushing, and cooling systems
- Contribute towards biodiversity by providing natural habitats in which plants and animals can thrive
- Enhanced aesthetic appeal, creating spaces for relaxation and recreation.

TECHNICAL SUPPORT & WARRANTIES

COMPLETE PROJECT REASSURANCE

Technical service overview

We aim to offer total project support to our customers, and have a . This includes technical and COSHH datasheets, system installation guides and other dedicated system literature. These resources are readily available from our Technical Services Team or, alternatively, they can be downloaded from our website. We also have team of waterproofing experts who are on hand to project bespoke project support and offer technical guidance on key items such as:

- Membrane choice to suit project needs
- Appropriate system accessories
- System design and specification guidance
- Project calculations, e.g. U-value and wind-uplift
- On-site surveys and quality assurance checks
- Ongoing maintenance advice

StrataPlan Warranties

StrataPlan warranties offer complete peace of mind that your StrataPlan system will continue to provide exceptional waterproofing performance for many years to come. Depending on the membrane choice, we offer guarantee durations ranging from 15 years up to 25 years, and each guarantee covers the complete system installation including all relevant accessories that have been supplied.

STRATAPLAN WARRANTY TERMS



**15 YEAR
MATERIALS
WARRANTY**

1.2mm STRATAPLAN SF



**20 YEAR
MATERIALS
WARRANTY**

**1.5mm STRATAPLAN SF
2.0mm STRATAPLAN GF**



**25 YEAR
MATERIALS
WARRANTY**

**1.5mm STRATAPLAN SF
(WITH S/S FIXINGS)**

Our warranties include all of the components supplied by Strata Waterproofing as part of a single-point guarantee solution (excluding living plants).



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