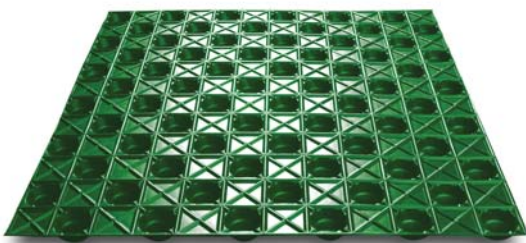


GREEN ROOFS

PITCHED AND FLAT

CHOOSING THE RIGHT MEMBRANE FOR GREEN/TURF ROOFS

- Inner core includes recycled material.
- Multi-Layer Technology provides increased strength.
- Rubberised outer layer prevents slipping and creates a safer working surface.
- Specifically designed for green and turf roof applications.
- 50 year product guarantee.



Xv green DRAINAGE MEMBRANE FOR PITCHED GREEN ROOFS

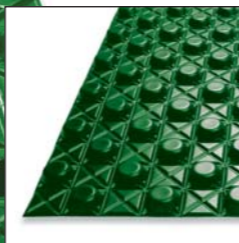
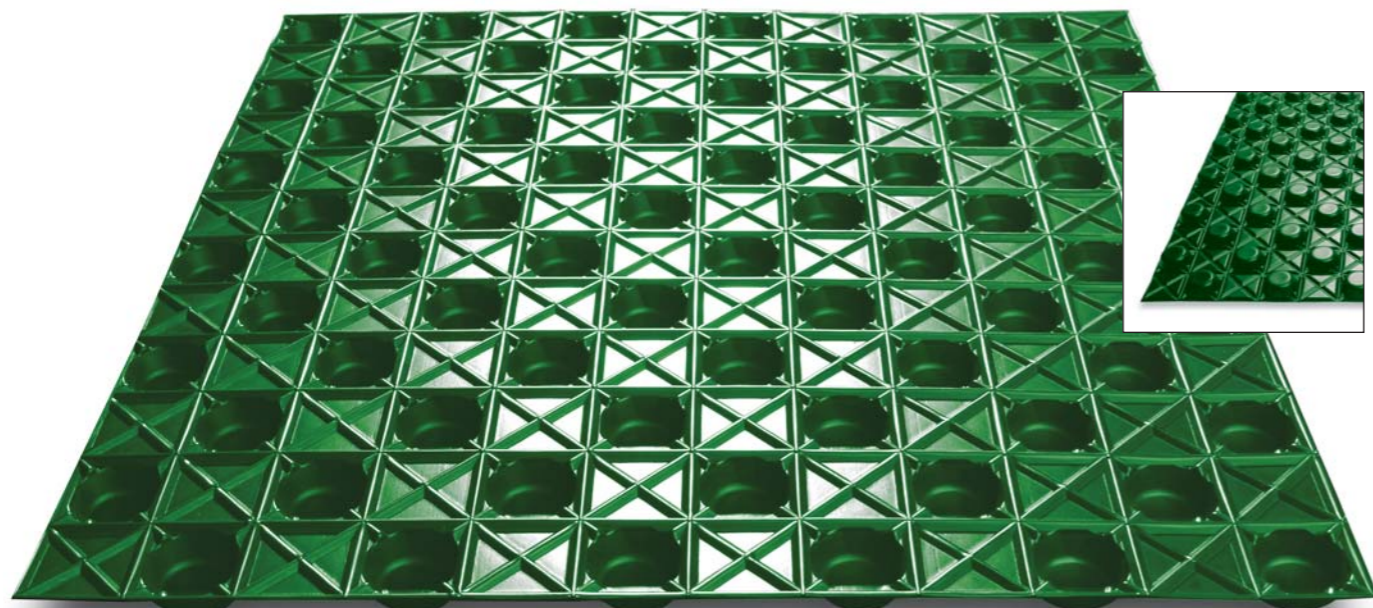
Xv 20 green HIGH CAPACITY MEMBRANE FOR PITCHED AND LIGHTWEIGHT GREEN ROOFS

Xv 20 greenXtra PERFORATED MEMBRANE FOR FLAT AND SHALLOW PITCHED GREEN AND LIVING ROOFS

ACCESSORIES AND SPECIFICATIONS

OLDROYD Xv green

FOR PITCHED GREEN ROOFS. ESPECIALLY SUITABLE FOR HIGH DEPTH PLANTING.

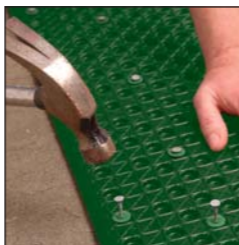
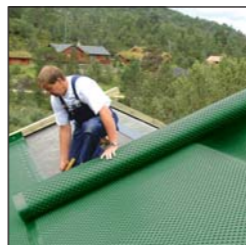


Oldroyd Xv green is the drainage membrane of choice for pitched turf and green roof applications.

Oldroyd Xv green is specifically designed for use in turf roof construction. When working on the roof, the unique 'X pattern' helps to provide a superior grip. The rubberised outer layer on both sides minimises slipping of the membrane on the roof during laying, providing further grip when laying the turf or sedum. It is also a much safer surface in wet or dusty situations.

Manufactured from high-grade polypropylene with a TPO* outer layer on both sides and a recycled inner core, Oldroyd Xv green is incredibly strong. In fact it is three times stronger than normal single layer membranes and the studs won't break or flatten whilst working on it. Oldroyd Xv green is available in a range of sizes ensuring rapid progress during construction.

The Multi-layer Technology used in Oldroyd Xv allows recycled material to be used within the central layer and virgin material in the outer layers, improving the integrity of the product and benefiting the environment.

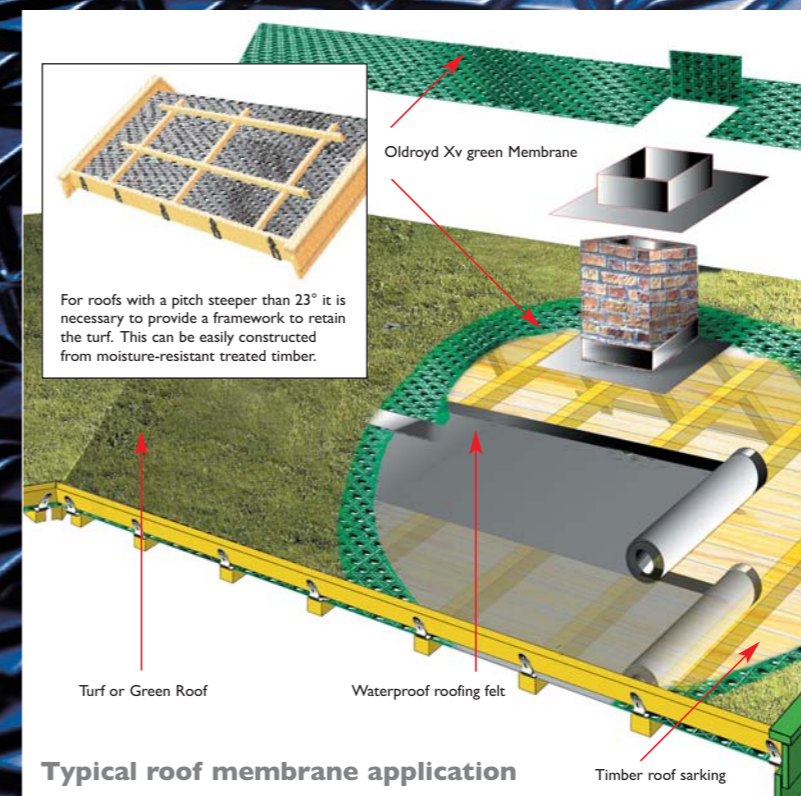


THE ORIGINAL X PATTERN POLYPROPYLENE
TURF ROOF DRAINAGE MEMBRANE

Xv
green

KEY FEATURES: **OLDROYD Xv green**

- Multi-layer Polypropylene and TPO construction gives superior strength and ensures that the special Oldroyd fixing plug creates a very tight and neat fastening, minimising the chance of leakage.
- Its unique X pattern makes it easy to apply around corners, architectural features and chimneys.
- Rubberised outer layer and X pattern provide a safe anti-slip working surface on pitched roofs, and reduce the chance of the membrane slipping.
- Acts as a root barrier when used in conjunction with Oldroyd Overseal Tape.
- Rigid polypropylene and recycled material in the central layer.
- For fixing instructions visit www.fixoldroyd.com



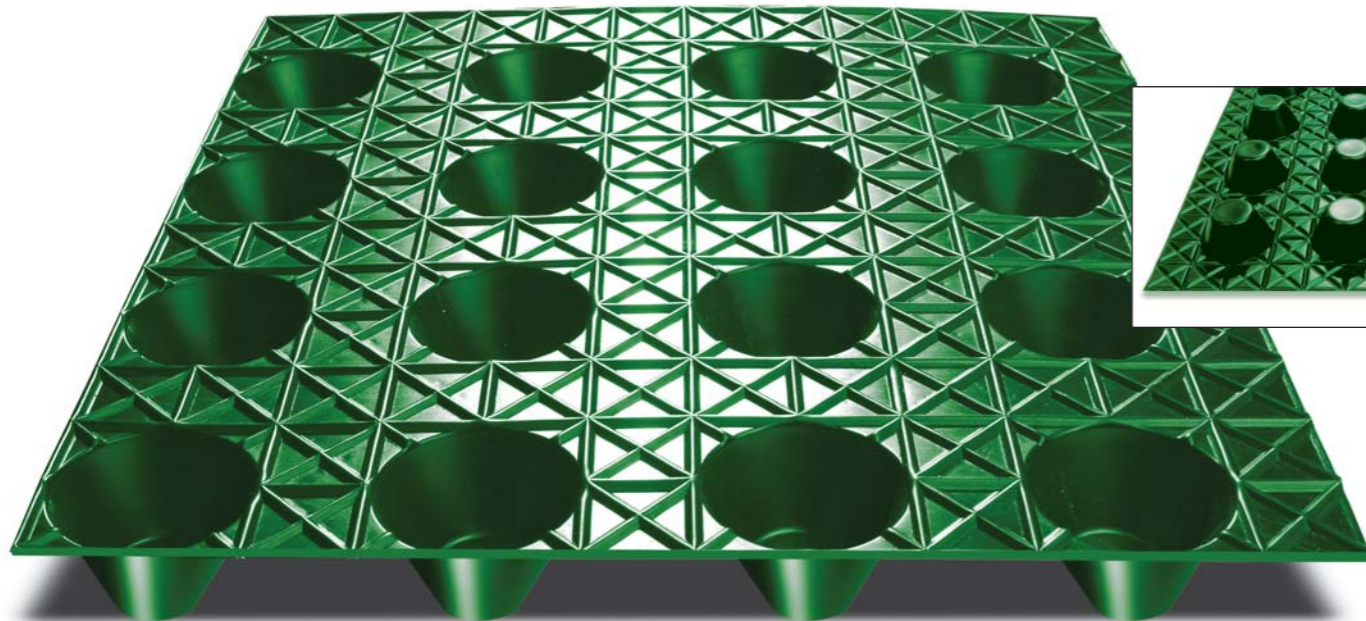
TYPICAL APPLICATIONS

- Pitched turf and green planted roofs

*Thermo-plastic poly-olethins

OLDROYD Xv20 green

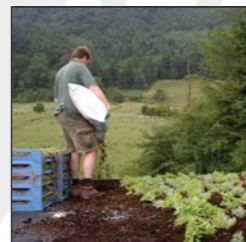
FOR PITCHED LIGHTWEIGHT ROOF CONSTRUCTION AND
MINIMAL DEPTH GROWING MEDIUM.



Oldroyd Xv20 green is a membrane with 20mm deep studs specifically for use where minimal soil depth planting is required, allowing pitched roofs of lighter construction to be used.

Manufactured from high-grade polypropylene with a TPO* outer layer, Oldroyd Xv20 green has a rubberised surface on both sides to provide an extremely tough non-slip, easy to use membrane. It also provides a large water reservoir to accommodate growing mediums that can thrive in a reduced soil depth.

Oldroyd Xv20 green benefits from the same Multi-Layer Technology as Xv green, allowing recycled material to be used within the central layer and virgin material in the outer layers, improving the integrity of the product and benefiting the environment.



THE 20MM STUD
DRAINAGE MEMBRANE

Xv20
green

KEY FEATURES: **OLDROYD Xv20 green**

- Specifically designed for pitched roofs with shallow planting depth.
- Multi-layer Polypropylene and rubberised construction give superior strength, minimise the risk of the membrane slipping and provide a much safer working surface.
- Its unique X pattern makes it easy to apply around corners, architectural features and chimneys.
- Rigid polypropylene and recycled material in the central layer.
- For fixing instructions visit www.fixoldroyd.com



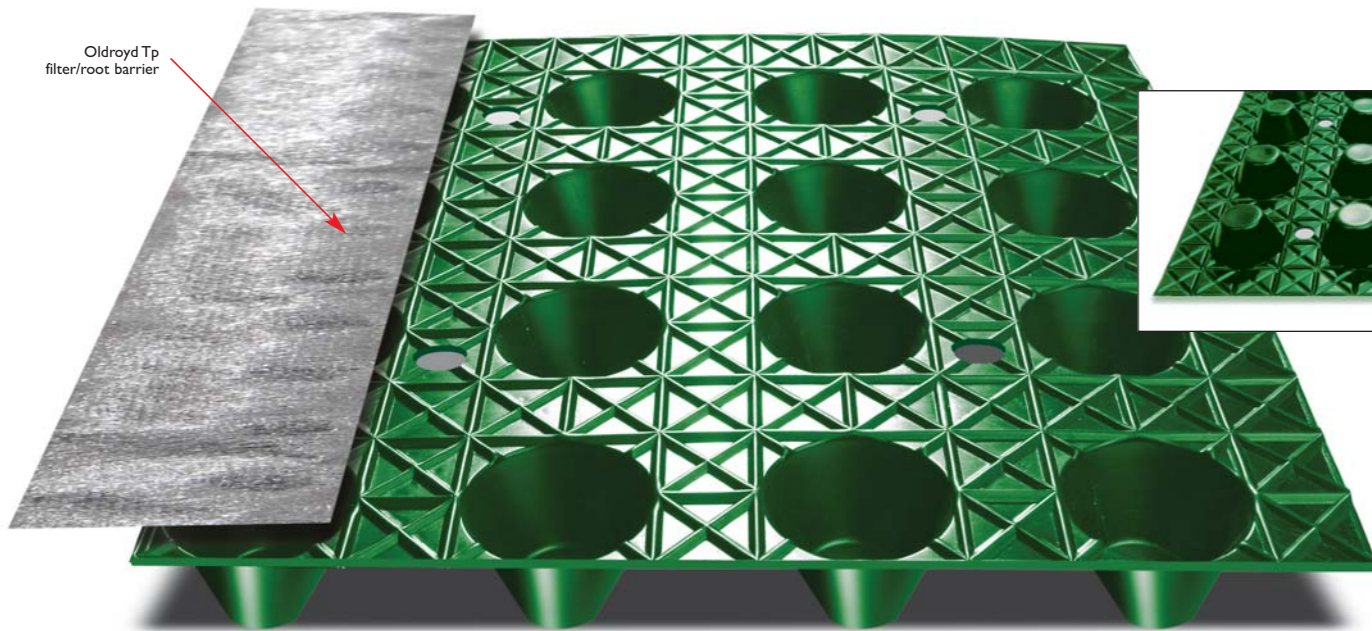
TYPICAL APPLICATIONS

- Pitched sedum and green roofs

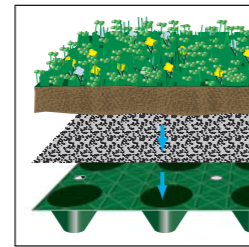


OLDROYD Xv20 greenXtra

FOR EXTENSIVE PLANTING REGIMES, FLAT ROOFS,
ROOF GARDENS, BROWN ROOFS AND ROOF TERRACES.



Oldroyd Xv20 greenXtra is a durable perforated membrane with a 20mm deep stud designed specifically for use in green and living roofs. The studs collectively form a rainwater reservoir, providing water for the roof plantings which is useful in areas of low rainfall. The 8mm diameter perforations allow any excess water to drain away. Oldroyd Tp felt laid on top of the membrane ensures root aeration and provides a root barrier.



Oldroyd Xv20 greenXtra membrane provides water management for green and living roofs and contributes to a reduction in the rate of rainwater run-off. As part of the Oldroyd family of green roof membranes, Xv20 greenXtra is made from high-grade polypropylene with a TPO* outer layer. This creates a rubberised surface on both sides, providing an extremely tough non-slip membrane which is easy to use, even at low temperatures and around complex construction details. Oldroyd Xv20 greenXtra has the same safety benefits and is fully compatible with other membranes in the Oldroyd Membrane System.



*Thermo-plastic poly-olethins

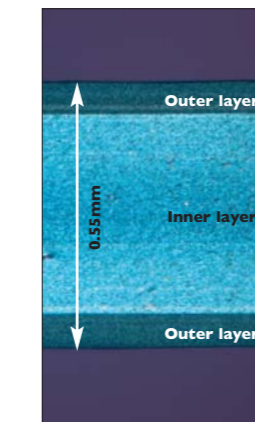
THE PERFORATED 20MM STUD
HIGH CAPACITY CAVITY
DRAINAGE MEMBRANE

Xv20
greenXtra

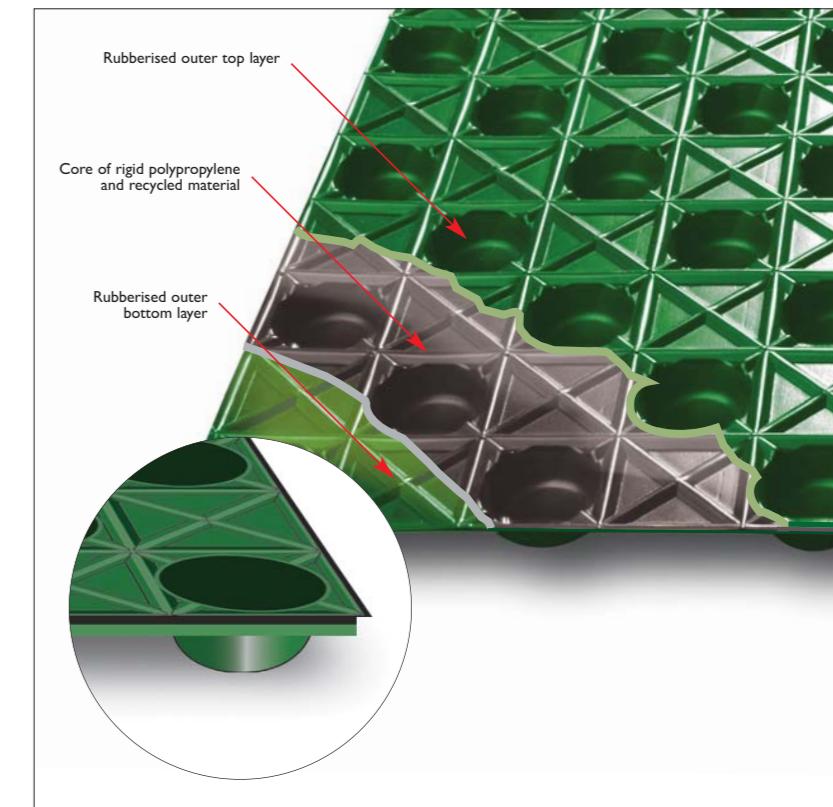
THE UNIQUE BENEFITS OF
OLDROYD

FEATURES: OLDROYD Xv20 greenXtra

- Perforated to prevent waterlogging of substrate.
- Ideal for use in creating large green roof habitats. Provides a water reservoir for roof plants, useful in areas of low rainfall.
- Multi-layer Polypropylene and rubberised construction give superior strength.
- Its unique design makes it easy to apply around corners, architectural features and chimneys.
- Provides a safe anti-slip working surface.
- Rigid polypropylene and recycled material in the central layer.
- For fixing instructions visit www.fixoldroyd.com



Through a microscope (above), the quality of the technology employed in the manufacturing process can be clearly seen in this cross-section.



The Oldroyd 'Green' range is the only membrane system designed specifically for Green and Turf Roof applications.

Oldroyd membranes are manufactured in Norway where the benefits of Green Roofs have been recognised for thousands of years.

■ **Multi-Layer Technology™** featuring an inner core made from rigid polypropylene and recycled material, enhancing the environmental benefits of a Green Roof.

■ **Rubberised anti-slip outer layers with extra grip.** The top layer provides a much safer working surface, particularly in dusty or wet conditions. The bottom layer ensures the membrane grips the roof surface and prevents the membrane from slipping.

■ **Unique 'X' pattern** makes the membrane easier to work with, cutting and folding around complex construction details such as chimneys is much simpler than with conventional membranes.

■ **50 Year Product Guarantee.**

■ **The manufacturing process complies with NS-EN ISO 9001:2000 and European Environmental Management System NS-EN ISO 14001.**

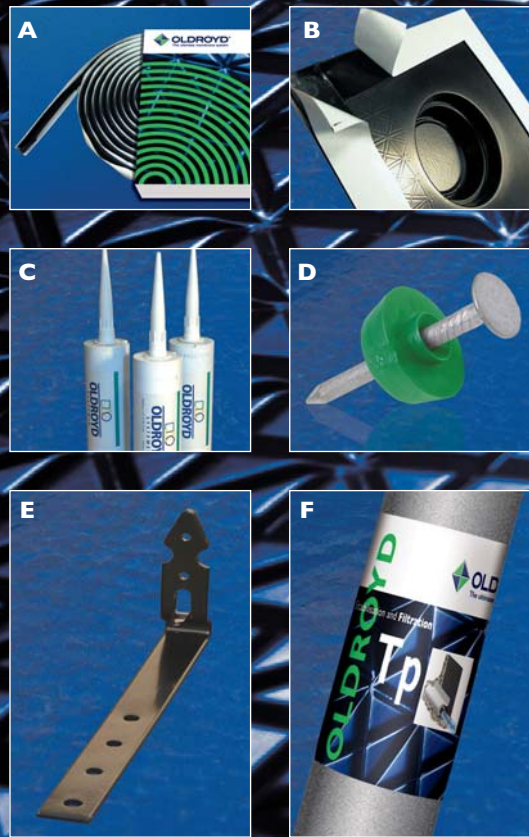
TYPICAL APPLICATIONS

- Flat green roofs and roof gardens
- Brown and biodiverse roofs



SYSTEM ACCESSORIES

CHOOSING THE RIGHT MEMBRANE FOR GREEN/TURF ROOFS



OLDROYD ACCESSORIES

- A. Sealing rope
- B. Pipe collar with sealing tape
- C. Jointing mastic
- D. Green turf plug with nail
- E. Turf roof hook
- F. Oldroyd Tp filter/root barrier

Oldroyd supply a complete range of accessories to ensure a perfect finish.

For more information please visit our website.

www.oldroyd.com



Product safety information is available on request. The Information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own requirements. It is not intended, however, to substitute any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience become available. Since we cannot anticipate all variations in actual end-use conditions, Oldroyd makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

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GREEN ROOFS PITCHED AND FLAT

CHOOSING THE RIGHT MEMBRANE FOR GREEN/TURF ROOFS

We have invested a great deal of time and resources into establishing working practices to ensure a consistent and measurable quality in all of our products.

Our quality procedures are far in excess of the standards demanded by current regulations.

Care of the environment is of great importance to us. We have recently developed our new multi-layer technology to maximise the use of recycled material in manufacturing, and environmental routines have been introduced and integrated into existing ISO systems.



The company possesses the following ISO Certificates:
NS-EN ISO 9001:2000 and European Environmental Management System NS-EN ISO 14001



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