

Using Oldroyd Xv clear, Xv20 and Xp on interior walls







Oldroyd cavity drainage membranes provide a simple and cost effective solution for dealing with damp and contaminated walls - above and below ground.

Oldroyd membranes are particularly suited for use in situations where the underlying substrate is too fragile or contaminated to allow the use of traditional waterproofing systems, for example:

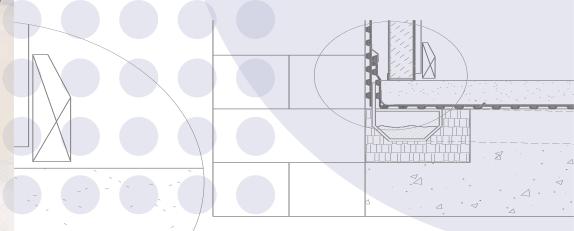
- Salt-contaminated walls
- Walls contaminated by oil, bitumen, paint, etc.
- Walls constructed from soft bricks
- Stone walls
- Cob walls

Oldroyd membranes can also be used to save time and money by avoiding the costly surface preparation necessary before the application of other types of damp-proofing and waterproofing solutions.

In historic buildings, Oldroyd membranes are often specified as they are designed to divert moisture rather than holding it back - thus exerting less pressure on the underlying substrate. They also have the advantage of allowing walls to be returned to their original state at a later date - particularly when used in conjunction with a fast-track dry lining system. Below ground, Oldroyd membranes can be used to create a dry environment.

This brochure covers their use on internal walls - an approach which is particularly useful for basement refurbishments and diaphragm/piled walls. Information regarding the use of Oldroyd membranes on external walls as part of a basement waterproofing system can be found in the Oldroyd 'Foundations and Basements' brochure.





BARN CONVERSION USING OLDROYD Xp



Damp is a common problem in barn conversion projects for two major reasons:

1. Because barns were originally designed for agricultural use, little attention was usually paid to providing protection against damp during their construction.

2. Salt contamination is often a problem in barn floors and walls, particularly where barns have previously been used to house animals. These salts are often hygroscopic or deliquescent which means that they attract moisture from the atmosphere.

Oldroyd P is a popular choice for barn walls as it is designed to accept a plaster finish and can follow the natural contours of the barn walls.

OLDROYD CAVITY DRAINAGE MEMBRANES ARE EFFECTIVE FOR DOMESTIC AND LARGE SCALE APPLICATIONS





Basement conversion kitchen



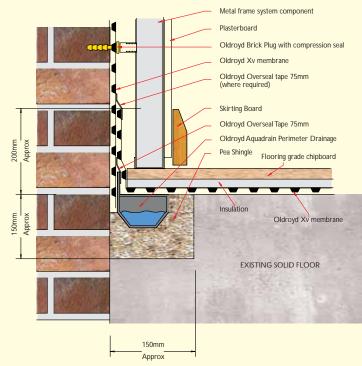
THE FLEXIBLE, FAST AND COST-EFFECTIVE ANSWER TO PROVIDE DRY INTERIOR WALLS AND BASEMENTS



TYPICAL APPLICATIONS

- Covering damp and contaminated walls
- Basement conversions
- Barn conversions
- Ground gas protection
- Newbuild basements

The use of the Oldroyd Aquadrain Drainage System and a pump is recommended for below ground applications.



Typical basement waterproofing using Oldroyd Xv clear

KEY BENEFITS OF OLDROYD Xv clear

- Cost-effective, fast and safe installation. Made from polypropylene, it is easy to work with even at low temperatures.
- Unique design makes it easy to apply around corners and over footings.
- Consistent material thickness of membrane and stud gives great strength.
- Clear finish to ensure easy fixing.
- Fixings to fit the studs and finishing profile provide secure and neat fastening.
- Minimal preparation of substrate required prior to application.
- Multi-Layer Technology gives superior strength.
- For fixing instructions visit www.fixoldroyd.com



Clear system is particularly suited to waterproofing basements in older houses as it does not rely on the soundness of the underlying substrate for its effectiveness. The membrane is sealed to walls and ceilings by means of special sealed fixing plugs, whilst on the floor there is normally no need for any form of fixing.

The Oldroyd Xv

Oldroyd Xv can be covered with plasterboard (using timber battens or the Fastframe Drylining System), screed, or a floating timber floor. A drainage facility, incorporating a sump and a pump, will need to be included as part of the system. The Aquadrain perimeter drainage channel may also be used to provide additional drainage at the wall-floor junction.







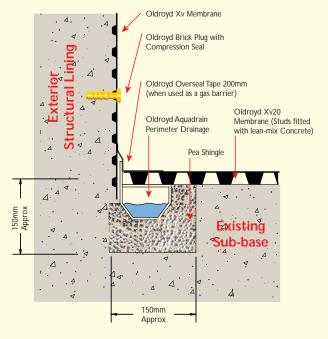
THE **20MM STUD** CAVITY DRAINAGE MEMBRANE



TYPICAL APPLICATIONS

- Basement waterproofing (new build and refurbishment)
- Areas of high water ingress
- · Waterproofing of contiguous piling, secant piling and diaphragm walls
- Ground gas protection

The use of a sump and pump is recommended for below ground applications.



KEY BENEFITS OF OLDROYD Xv20

- Consistent material thickness of membrane and stud gives great strength.
- Suitable for applications with high flow rate.
- Unique design makes it easy to apply around corners and details.
- Recycled material in central layer.
- For fixing instructions visit www.fixoldroyd.com



Oldroyd Xv20 is manufactured from polypropylene. Combined with a unique, temperaturecontrolled manufacturing process, this produces an exceptionally straight, durable membrane. The patented "X" pattern embossed into the membrane makes it easy to cut and fold. This quality also allows for shrinkage movements frequently encountered when screeds are applied, thus minimising potential cracking problems.





COVER DAMP AND CONTAMINATED WALLS - THEN APPLY A PLASTER FINISH





- Studded polypropylene membrane with a mesh welded to one side.
- Allows a dry plaster finish to be applied to internal walls.
- Creates an air gap which allows the wall to breathe.
- Consistent material thickness of membrane and stud gives great strength.
- Minimal surface preparation required prior to application.
- Can be covered with plaster finish or dot and dab plasterboard.
- For fixing instructions visit www.fixoldroyd.com

Oldroyd Xp is made from inert and stable, high density polypropylene 0.5mm thick, formed into a pattern of raised studs. Polypropylene mesh is heat welded in the manufacturing process to the surface on one side. The 4mm high studs face the wall and create air channels.

Oldroyd Xp is inert and highly resistant to water, alkalis, saline solutions and acids. It is also resistant to bacteria, fungi and other small organisms.

Oldroyd Xp is a permanent barrier to damp. Alternative brushed-on damp proof coatings depend on the structure for their performance. Sheet membranes bonded to the wall fail when they are punctured, and over a period of time bitumen coatings may break down owing to soil acids or movement.



TYPICAL APPLICATIONS

- Barn conversions
- Damp contaminated substrates
- Can be used in basements

The use of the Oldroyd Aquadrain Drainage System and a pump is recommended for below ground applications.





Oldroyd membranes are part of an integrated waterproofing and drainage system. The range of accessories for the system is extensive ensuring ease of use and enhancing functionality and effectiveness.

AND WATERPROOFING FOR INTERIORS

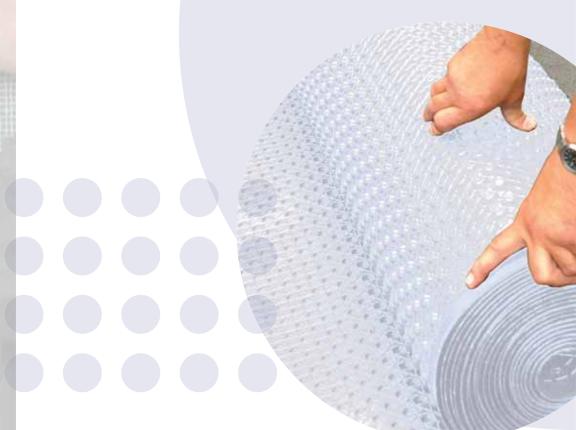
The range of accessories is constantly evolving, for further information on the use of Oldroyd membrane system accessories please visit the website: www.fixoldroyd.com



Overseal tape 75 & 200mm widths

Fleece tape 110mm width

Double-sided sealing tape 30mm width



SYSTEM ACCESSORIES





Pipe collars 75 - 110mm



Plaster plugs



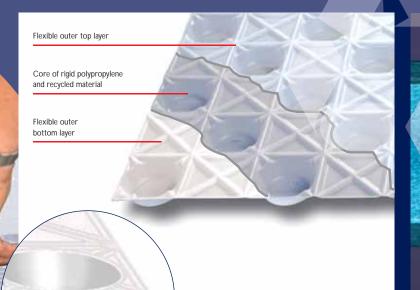
Brick plug and compression seal



Brick plugs



HE BENEFITS OF MULTI-LAYER TECHNOLOGY







- Available in a variety of widths and lengths.
- 50 Year Product Guarantee.
- The manufacturing process complies with NS-EN ISO 9001:2000 and European Environmental Management System NS-EN ISO 14001.

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





Oldroyd AS

Industriveien 1, Kragerø Næringspark,

3766 Sannidal, Norway

Tel: +47 35 98 75 50 Fax: +47 35 98 75 51

E-mail: oldroyd@oldroyd.com

www.oldroyd.com

Distributed in the UK by:

Safeguard Europe Ltd Redkiln Close, Horsham West Sussex, RH13 5QL

Tel: +44 (0)1403 210204 Fax: +44 (0)1403 217529

Email: in fo@safeguar deurope.com

www.safeguardeurope.com

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.

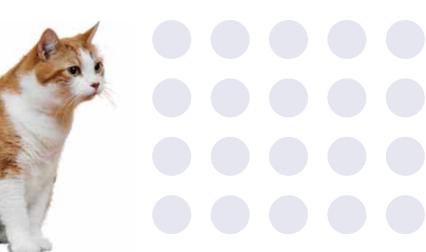
Our quality procedures are far in excess of the standards demanded by current regulations.

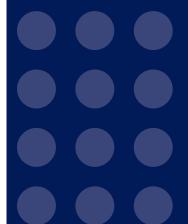
Care of the environment is of great importance to us. We have recently developed our new multi-layer technology to maximise the use of recycled material in manufacturing and environmental routines have been introduced and integrated into existing ISO systems.

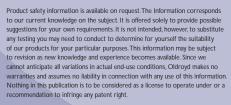




The company possesses
the following
ISO Certificates:
NS-EN ISO 9001:2000 and
European Environmental
Management System
NS-EN ISO 14001







I/10/08 © OLDROYD AS 2008