

# DRYSEAL<sup>®</sup>

Hambleside Danelaw  
Building Products



FLAT ROOFING



**DURABLE  
DEPENDABLE  
GUARANTEED**

THIS BROCHURE IS INTERACTIVE CLICK  TO READ MORE



# WHAT IS DRYSEAL?

## Pre-cured Component-based System

Dryseal is the mechanically fixed GRP membrane system which is made from pre-cured components attached to the roof surface then jointed using resin and fibreglass matting. As the system differs from fully liquid applied ones, it can be completed more quickly than 'wet lay' GRP.

## Premium Quality

Dryseal has been manufactured by Hambleside Danelaw in the UK since the early 1990's. Manufactured in accordance with ISO 9001 Quality Procedures and covered by British Board of Agreement (BBA) Certificate 95/3114 since 1995, Dryseal is one of the longest established GRP roof waterproofing systems on the market.

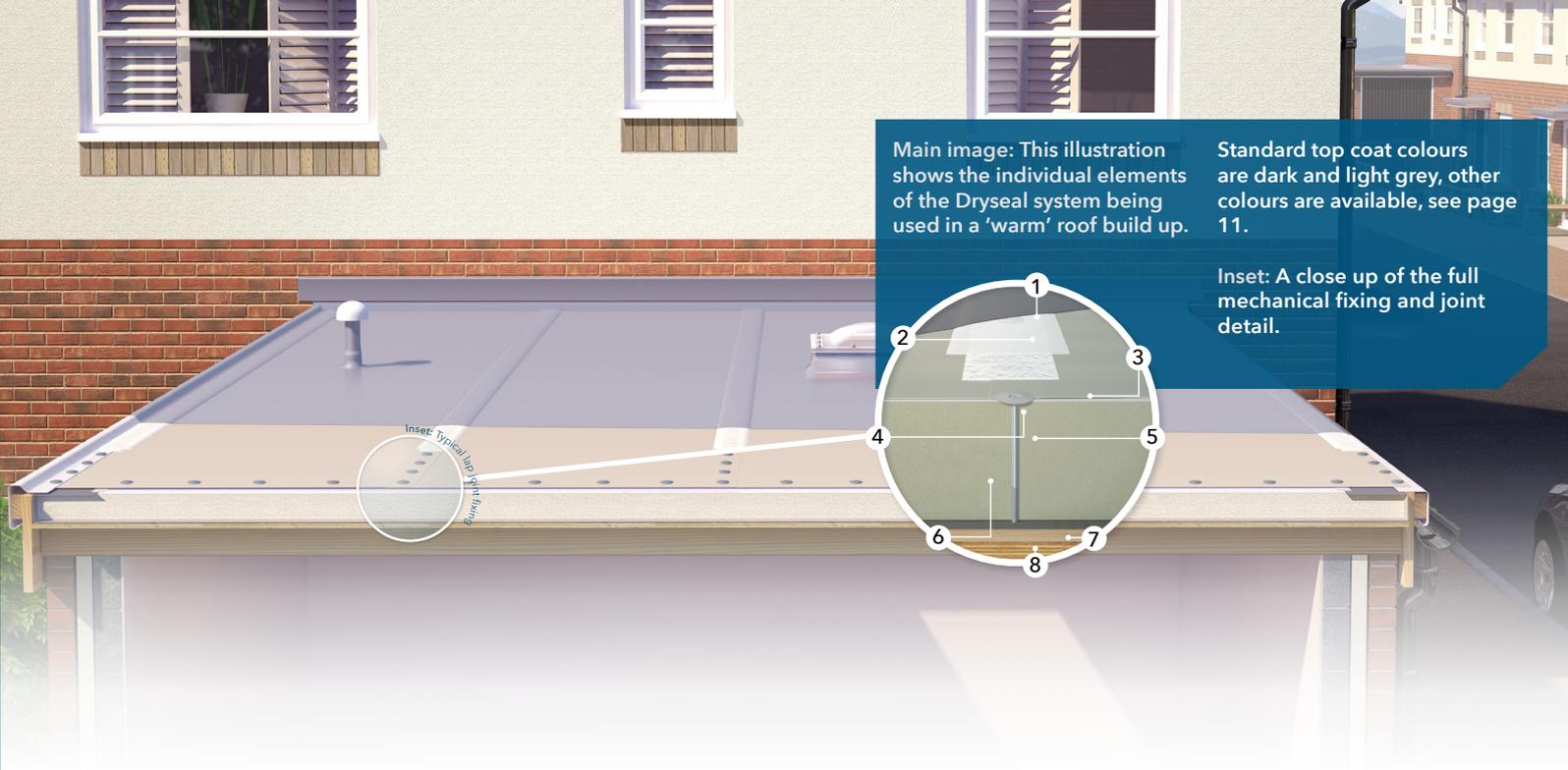
## Speed and Reliability

The manufactured pre-cured nature of the Dryseal system enhances the speed and reliability of the installation process.

## Dependability

Dryseal is a versatile, flexible system which can be used with ease on projects in 'cold' or 'warm' roof configurations from a leisure centre through to a domestic extension. Easy to detail, repairable and able to be refurbished in situ, it is proven to deliver 20 year guaranteed BBA certified dependability, with an expected life in excess of 30 years.





Main image: This illustration shows the individual elements of the Dryseal system being used in a 'warm' roof build up.

Standard top coat colours are dark and light grey, other colours are available, see page 11.

Inset: A close up of the full mechanical fixing and joint detail.

## LAP JOINT FIXING

1. UV protective finish.
2. Lamination over the lap joint.
3. Dryseal membrane.
4. Dryseal fixing stress plate.
5. Anti-corrosive fixing screw.
6. Rigid insulation layer.
7. Vapour control layer.
8. Substrate - suitable for most substrates except compressed straw board and untreated chipboard.

## INSTALLING THE DRYSEAL SYSTEM

The rolls of Dryseal are set out to the correct overlap position and mechanically fixed in place, followed by the perimeter trims.

Once correctly fixed, the sheet side and end laps are cleaned using acetone and then laminated and consolidated using resin, fibreglass mat and finishing tissue.

Once the lamination process has been completed and the laminate is fully cured, the waterproofing process is complete.

After a final clean, the finishing pigmented top coat is roller-applied over the whole roof surface including the edge details. Standard dark and light grey top coat are available ex-stock, with alternative colours available to special order.

For further information, please contact our Sales Department.

✉ [sales@hambleside-danelaw.co.uk](mailto:sales@hambleside-danelaw.co.uk)

Please note: Installation of the Dryseal system may only be carried out by one of our trained ['Approved Contractors'](#).

# COMMERCIAL



## Major clients

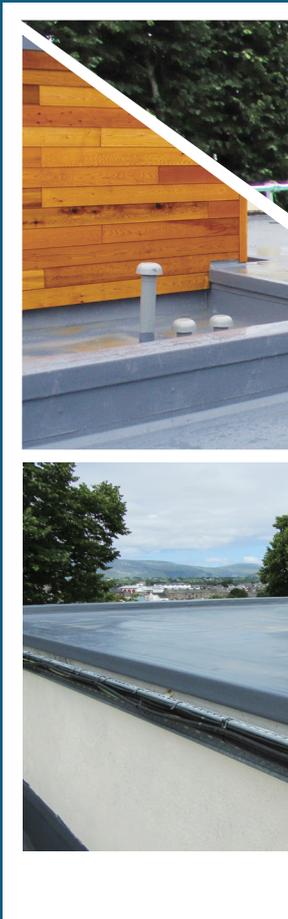
Dryseal can be used for a wide range of commercial installations. St Joseph's Hospital in Sligo, Ireland (as pictured on the right) had the roof upgraded with 100mm insulation and a new Dryseal finish, fully sealing the roof and reducing heating costs over the whole building.

## Widespread use

Dryseal's ease of detailing, robust reliability and aesthetic appeal have led to repeated use across the UK and Eire.

From properties on the Hebridean Islands, in the Irish Republic and on mainland UK, Dryseal has been reliably installed since the early 1990's and has a guaranteed track record with specifiers over 30 years.

“  
**A PERFECT  
RESULT  
USING  
DRYSEAL**  
”



**RESIDENTIAL INSTALLATION OF DRYSEAL**



**COMMERCIAL INSTALLATION OF DRYSEAL**

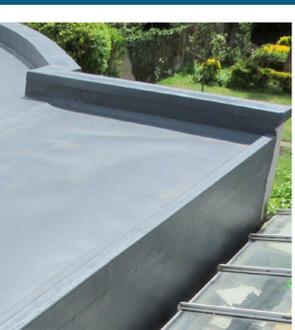
## RESIDENTIAL

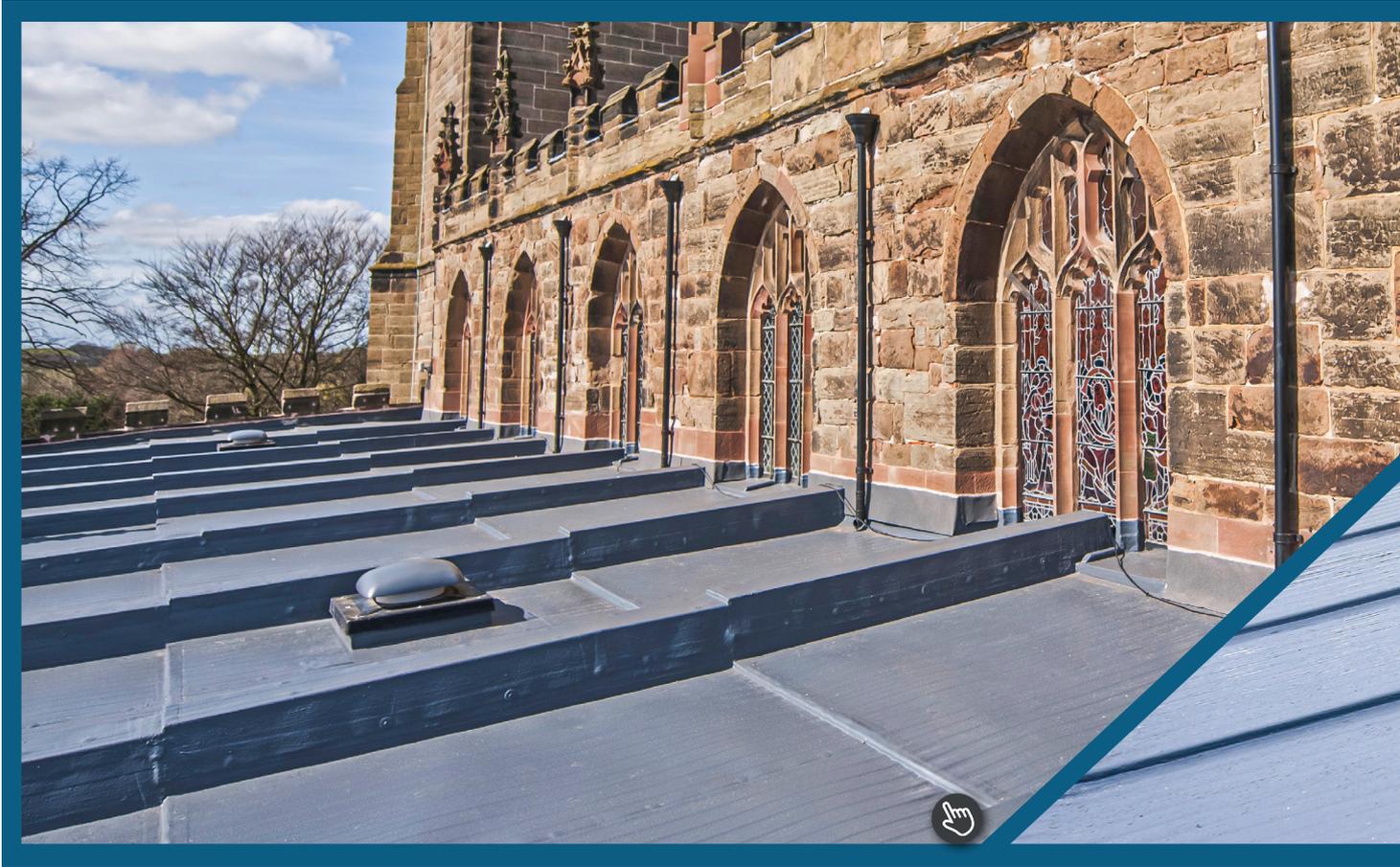
### Insulated and Refurbishment

The versatility of the Dryseal system allows easy use in new builds, over-roofing and alterations, ensuring compliance with the requirements of current Building Regulations and the NHBC.

The existing roof build-up can be overlaid with Dryseal, providing that the structure of the roof is sound. Adding insulation to form a "warm" roof makes the Dryseal the ideal option for refurbishment projects.

- Reduces land-fill costs if the existing roof covering is overlaid.
- Reduces labour costs.
- Reduces risk during installation due to shorter 'open' times.
- Reduces long-term risk as Dryseal is guaranteed against leaks for 20 years.
- Lower embodied CO<sub>2</sub> than any comparable roofing system.
- Sustainable.





# HERITAGE



## Extended life span

Given the aesthetic appeal of Dryseal and its similarity to lead in both colour and finish, having been often used on Grade 1, and 2\* listed buildings, Dryseal has been approved on English Heritage, The National Trust and Historic Scotland projects.

Dryseal can be successfully refurbished 'in situ', thus extending the installed life of the system way beyond that of other roof coverings, at a considerably reduced cost.

## Theft deterrent material choice

"Secured by Design - Reducing crime by good design". Dryseal is recommended by UK Police as a theft deterrent, demonstrating the total lack of scrap value which eliminates any residual worth to the metal thief.

## Environmentally friendly

An additional benefit to Listed Buildings is the ability for Dryseal to be completely removed from the roof without damage to the substrate, allowing in turn the original covering (lead, copper etc.) to be re-fitted, if required. This 'reversibility' due to being mechanically fixed gives Dryseal advantages that many other systems do not possess.

Secured by Design



Official Police Security Initiative





### Sustainability

At the end of its service life, Dryseal can be removed and recycled back into new products, helping contribute to its exceptionally low embodied carbon footprint.

### Installation safety

Dryseal is designed to minimise risk both during and after installation and is installed without the need for naked flames or intensive heat sources, potentially critical considerations on schools, hospitals and older buildings. Dryseal is classified as Ext. F.AC fire rated under BS 476-3.

**DRYSEAL LOOKS  
LIKE LEAD, IT'S GOT  
LONGEVITY AND IT WILL  
SAVE THIS CHURCH FOR  
GENERATIONS TO COME.  
- ST JOHN'S CHURCH,  
BROMSGROVE**



# gro

+

# DRYSEAL®



## GREEN ROOFS

The Dryseal system is ideal as a waterproofing membrane under a green roof as illustrated in this domestic installation in Cheshire. The high resistance to root damage, approval by the BBA for "zero falls" installations and accreditation to the GRO (Green Roofing Organisation) add to the impressive range of Dryseal's waterproofing credentials.

The Dryseal system holds 'zero falls' accreditation under BBA certificate 95/3114, ensuring peace of mind for specifiers of green roofs and terraces.

To learn more about Dryseal and green roofing scan the QR code below!



## Terraces and high traffic areas

Dryseal is ideal for use as a waterproofing layer under timber decking, paving and walkway systems.

### Low risk

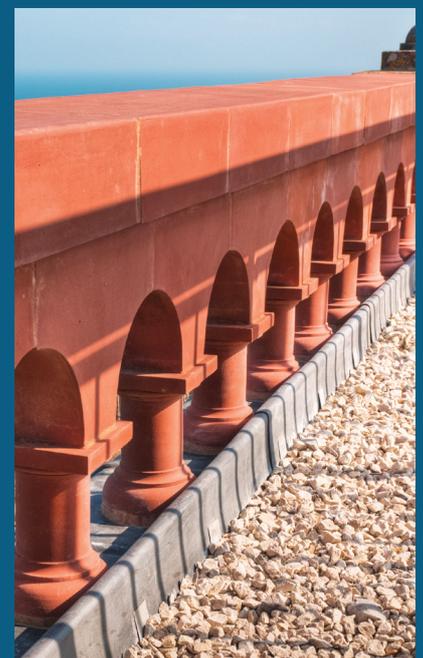
Dryseal offers unrestricted use under UK Fire Regulations, even when installed directly over

a combustible substrate, without the need for a surface protective fleece.

Dryseal is suitable for occasional limited foot traffic, but where there is a need for regular roof access can be adapted to meet requirements.

**Main image:** Permanent visitor access over the over the Dryseal system at Durlston Castle, provided by hardwood decking on this project.

**Below images:** Dryseal is installed under the decorative stone finish.



# APPROVED CONTRACTORS & DRYSEAL 20 YEAR 'LEAK FREE' GUARANTEE

## Fully trained installers

Dryseal can only be fitted by fully trained Approved Contractors after completing our two-day training course. The course covers the basic principles behind GRP as a material, as well as avoiding the pitfalls which can be encountered when installing a flat roof. Our Approved Contractor network covers the UK and Ireland.

## High standards

As we promote high standards of workmanship we encourage our Approved Contractors to join the National Federation of Roofing Contractors (NFRC) and achieve CompetentRoofer status.

## NFRC

Representing 70% of the UK roofing Industry, the NFRC actively promotes both high quality standards alongside pride in the job. Hambleside Danelaw are proud to be recognised as a long-standing NFRC Supplier Member and prominent supporter of CompetentRoofer.

A map of the UK and Ireland marked with Approved Contractor locations



## Insured Guarantee

Upon satisfactory project completion and registration, the Dryseal 20 year "leak-free" guarantee can be issued with the added benefit of insurance cover applicable in the event of a claim.

## Site Support

Once an Approved Contractor has trained, we offer on-going site technical support and assistance from our team, to ensure that high standards are maintained.



# SPREADING THE WORD

Hambleside Danelaw pride themselves on their commitment to education and growth. Continual Professional Development (CPD) seminars are regularly delivered by Dryseal's team of experts. The seminar 'GRP Roofing Systems and How They Differ' equips learners with an in-depth understanding of the various types of GRP flat roofing options available to architects, specifiers, and roofing contractors.

To learn more about the seminar, or arrange a booking please scan the QR code below or get in touch at [marketing@hambleside-danelaw.co.uk](mailto:marketing@hambleside-danelaw.co.uk).

## Drawing from Technical Expertise

Dryseal have produced a range of detailed installation drawings, all of which are available on Hambleside Danelaw's website or from FastTrack CAD. These files can be downloaded as .dwg or .pdf files.

Drawings options include green roof variants with a wide variety of abutment and edge details to help assist in developing the overall project design.



# FROM CONCEPT TO COMPLETION, EXCELLENCE AS STANDARD

## Concept and Design

- BBA approved.
- Support from conception to completion.
- Green roof compatibility.
- Secured by Design certified as an alternative to lead theft risk.
- Suitable for heritage projects.
- Manufactured to BS EN ISO 9001.
- Warm roof upgrades.
- Multiple waterproofing applications

## Installation.

- Approved installers located across the UK and Ireland.
- Quicker and easier to install than traditional lead applications.
- Versatile - works well with complex roofing features.
- Low installed weight.

## On completion

- Good impact damage resistance.
- Aesthetic finish to a flat roof.
- Excellent fire performance.

## Service Life and Beyond

- Comprehensive insurance-backed guarantee.
- Extended service life potential.
- Repairs and refurbishment possible throughout service life.
- 30 years expected service life, guaranteed 20 years leak-free.

# CLIENT LIST

## COMMERCIAL

An post (Eire)  
BAA  
Bank of Scotland  
Ben Nevis Distillery  
Bluestone  
Boots The Chemist  
BP Oil UK Ltd  
British Aerospace Filton  
Glaxo SmithKline  
Halliburton Manufacturing  
Hotel Du Vin  
Ilkley Golf Club  
Jaguar Cars  
Kier Group  
Midas Property Services UK  
Molson Coors Brewers  
Otley Golf Club  
Paines Brewery  
Palmers Brewery  
Railtrack  
Rolls Royce  
Royal Motor Yacht Club  
Sainsbury's  
Transport For London  
Walkers Shortbread

## HOUSING BODIES

Albyn Housing Society  
Ashfield Homes  
Bassetlaw Homes  
Boston at Home  
Boston Mayflower Housing  
Bristol Care & Repair  
Bromford Living  
Charlton Homes  
Corby Borough Council Housing  
Harewood Housing Society  
Hull City Council Housing Dept  
Hyde Housing Association Ltd  
Investing in North Solihull  
Jephson Housing Association  
Lambeth Homes  
Magna Housing  
Mendip Homes Limited  
Newark & Sherwood Homes  
Muir Group  
Portsmouth Housing Association  
Raglan Housing Association  
Roseberry Housing Association  
Ross-shire Care & Repair  
Sanctuary Group  
Sandwell Council  
Selwood Housing  
Skipton Properties Ltd  
Stafford & Rural Homes  
Staincliffe Housing Association Ltd  
Trafford Housing Trust  
Vale Housing Association  
Wolverhampton Homes

## PUBLIC BODIES

Affinity Water  
Cambridge University Baker Building  
Church of England  
Coleg Menai Bangor  
Devon & Cornwall Police Authority  
Durlston Castle/Country Park Swanage  
Forestry Commission (Moray District Office)  
Glenthorne High School  
Gordonstoun School  
Inverness Royal Academy  
Lincoln Castle Academy  
M.O.D  
National Grid  
National Trust  
Poole Museum  
Portsmouth University  
Queen Margaret's School York  
Renfrewshire Leisure Trust  
The National Trust  
Severn Trent Water  
Scottish Water  
St John The Baptist Church Bromsgrove  
University of London  
Western College

## HEALTH

Age Concern  
Airedale NHS Trust  
Argyle & Bute Health Authority  
Cheltenham General Hospital  
Frenchay Hospital  
Harrogate Healthcare Trust  
Lancashire Ambulance Service  
MIND  
Newark & Sherwood Hospital Trust  
NHS Grampian  
NHS Highland  
Poole Hospital NHS Trust  
Royal Free Hospital  
Royal Hampshire County Hospital  
Royal Preston Hospital  
Sheffield Northern General Hospital  
St George's Hospital Lymington  
Winchester & Eastleigh Healthcare Trust

## HOUSE BUILDERS

Banner Homes  
Barratt Homes Maidenhead  
Barratt Homes WM  
Bellway Homes WM  
Chevallier Homes  
Charles Church  
Elan Homes  
Frank Haslam Milan  
Galliford Try  
Great Homes  
Joseph Holt Brewery Housing Trust  
House X (Ireland)  
Kier Homes  
Landsdowne Design & Build  
Morris Homes  
My Space Design & Build (Ireland)  
Neil Collins Homes  
Noonan Construction (Ireland)  
Orchard Homes & Developments  
Rockforest Homes (Ireland)  
Roffey Homes  
Shomera (Ireland)  
Woodpecker Properties

## LOCAL AUTHORITY

Ashfield District Council  
Bassetlaw District Council  
Basingstoke Council  
Blaenau Gwent County Council  
Borough of Poole  
Bristol City Council  
Devon County Council  
Dorset County Council  
Highland Council  
Hull County Council  
Mansfield District Council  
Medway Council  
Moray Council  
New Forest District Council  
North Cornwall District Council  
Nottinghamshire County Council  
Riverhead Parish Council  
Slough Borough Council  
Swale Borough Council  
Taunton & Dean Council

### Hambleside Danelaw Limited

Long March, Daventry, Northamptonshire, NN11 4NR  
Telephone: 01327 701900 Fax: 01327 701909  
Email: [dryseal@hambleside-danelaw.co.uk](mailto:dryseal@hambleside-danelaw.co.uk)  
[www.dryseal.org](http://www.dryseal.org) | [www.dryseal.ie](http://www.dryseal.ie)



Hambleside Danelaw Ltd has a continuing product development programme. In accordance with our policy for continuous improvement we reserve the right, should the need arise, to amend product specifications without prior notice.

Intellectual property of Hambleside Danelaw Ltd, permission required to reproduce all content of this publication.