



# DRYBASE®

## DAMP-PROOF BARRIERS & COATINGS



Drybase® Liquid-Applied DPM



Drybase® ECS Epoxy Floor Coatings



Drybase® ECS CR Epoxy Coating



Drybase® Flex Membrane

# Drybase® Damp-Proof Barriers and Coatings

# The Drybase® System – Drybase® Liquid-Applied DPM

## Drybase® Liquid Applied DPM

A ready-to-use liquid-applied damp-proof membrane. The easy application is carried out in two coats, with a brush or roller. Once applied, it cures to form a flexible and elastic damp-proof membrane.

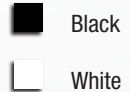
It is ideal for use on damp floors and floor-wall junctions, before the application of floor and wall coverings. It can also be used to isolate embedded timber joists or to act as a barrier to ground gases. Its excellent adhesive qualities also make it suitable as an adhesive primer.

### Benefits

- Damp-proof barriers for floors and walls
- Single component, easy-to-use
- Can act as a barrier to gases and vapours
- Applicable to a wide range of materials
- Quick drying time

### Applications

- Damp-proof barrier between DPC and ground level
- Damp-proofing floor slabs
- Barrier to salt attack before replastering
- Fast track installation of flooring over newly built floor slabs.
- Timber applications – sunken posts, beams set into a wall, isolation of timber elements to protect against rot etc.
- Gas barrier for carbon dioxide, methane and radon
- Vapour barrier for use in conjunction with internal wall insulation (IWI)



## Water and Gas Resistance

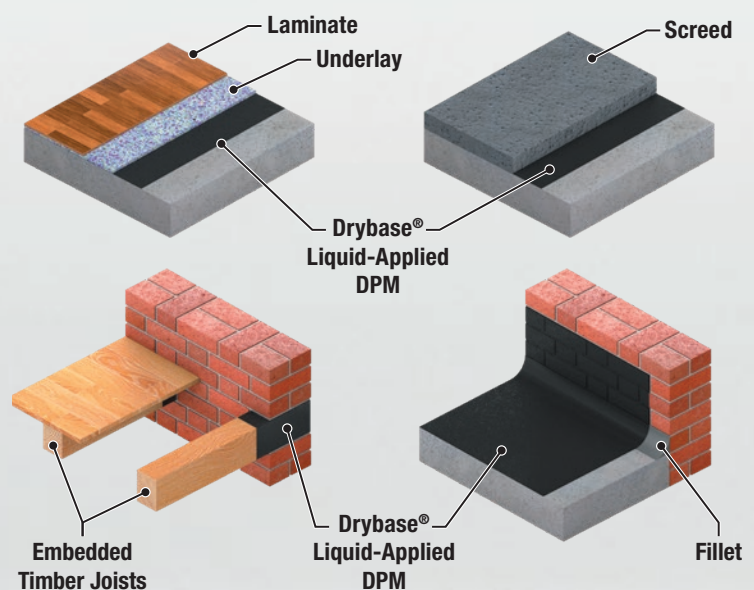
Water (liquid)	Resistance 20 metre head (positive pressure)
Water Vapour Permeability	< 4 g/m <sup>2</sup> /24 hours at 25 °C/75 % RH following BS 3177
Methane Resistance	10 times more resistant than LDPE
Radon Resistance	Radon barrier at 2 mm thickness

## Mechanical Properties of Cured Film

Tensile Strength	4 N/mm <sup>2</sup>
Elongation at Break	350 %

## Adhesive Properties

Concrete	Pull-off force	1.3 – 2.1 N/mm <sup>2</sup>
	Pull-off force after 3 months soak in water	1.0 N/mm <sup>2</sup>
Brick (Fletton)	2.5 N/mm <sup>2</sup>	
Lightweight Blocks	0.5 N/mm <sup>2</sup> with failure of the block	
Plaster Wall	>1.0 N/mm <sup>2</sup>	
Timber Softwood	>1.0 N/mm <sup>2</sup>	







# The Drybase® System – Drybase® Flex Membrane

## Drybase® Flex Membrane

A watertight low-profile sheet membrane for protection against dampness in walls without the need to drill and install plugs. The membrane is a 1.5 mm thick flexible polypropylene sheet with a fleeced surface on both sides. The two fleeces ensure good adhesion to the wall by means of **Drybase® Flex Adhesive**, as well as the direct application of plaster to the face.

**Drybase® Flex Adhesive** is a polymer modified cement-based product used to fix **Drybase® Flex Membrane** to walls. It is supplied in powder form ready to be mixed with water, and applied using a suitable trowel.

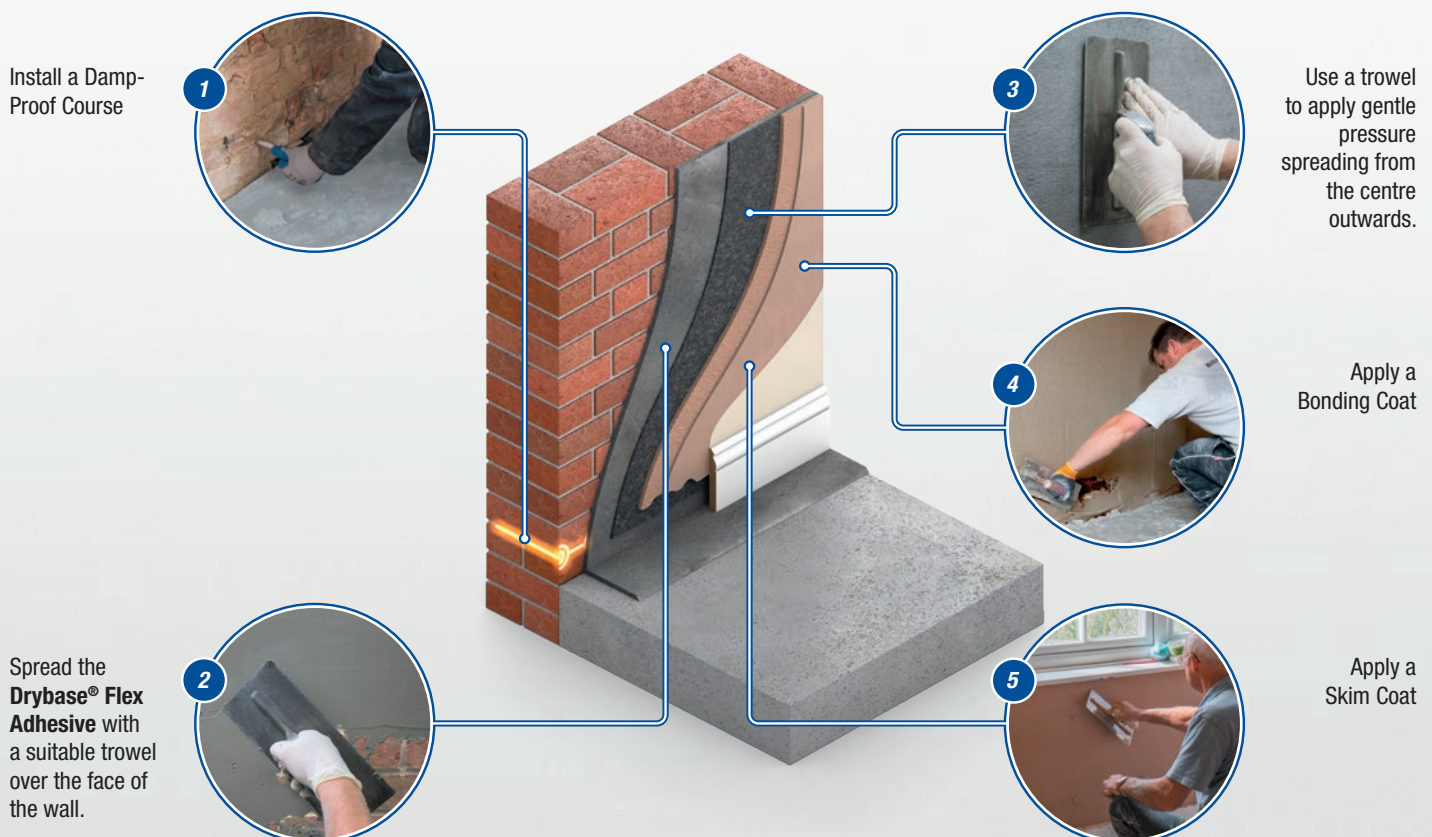


## Benefits

- Fast – complete replastering in under 12 hours
- Low profile – matching in with existing plaster
- Apply plaster finishing coat immediately
- Compatible with standard gypsum plaster
- No need for drilling or wall plugs

## Applications

- Ideal for matching in with existing thin plaster coatings
- Walls suffering from dampness or salt contamination
- Chimney breasts
- Problem areas where the source of dampness cannot be easily identified
- Can be applied to curved walls and surfaces





# Drybase® Damp-Proof Coatings

It is often necessary to apply damp-proof barriers over floors and walls – for example when an existing damp-proof course underneath a floor slab has become damaged, or where a rain penetration problem cannot be addressed from the outside of the building due to access constraints.

The **Drybase®** range of products allows damp-proof membranes to be applied over walls and floors in both new-build and refurbishment situations.

Deciding which **Drybase®** product to use will depend on a number of factors such as whether a trafficable surface is required or whether a plaster finish or screed needs to be applied on top. Some products in the range provide additional benefits such as chemical resistance.

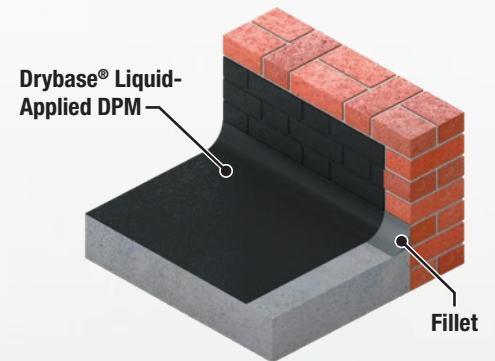
Our technical department can be contacted on **01403 210204** to discuss the best choice of product for a specific project.



## Drybase® Liquid-Applied DPM

### Provides a damp-proof membrane beneath surface coverings

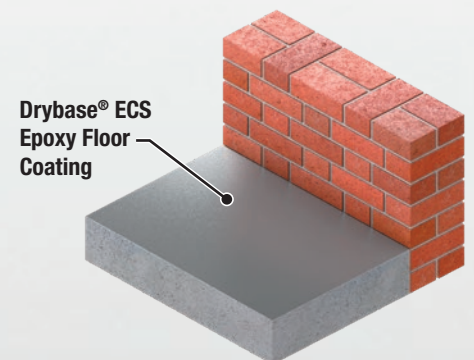
**Drybase® Liquid-Applied DPM** should be used in situations where an under-surface damp-proof membrane is required. The excellent adhesive qualities and quick drying time of **Drybase® Liquid-Applied DPM** make it extremely versatile. It is ideal for use in a wide range of situations and substrates such as: under floor coverings, beneath decorative surfaces, on internal wall joints or on timber joists.



## Drybase® ECS Epoxy Floor Coatings

### Provides a damp-, stain- or chemically-resistant floor surface

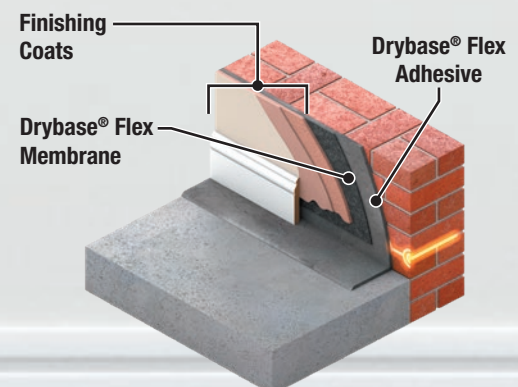
**Drybase® ECS Epoxy Floor Coatings** are for use on floor surfaces where damp-, stain- or chemical-resistance is required. There are two ECS Epoxy Floor Coating products in the Drybase® range. The standard **Drybase® ECS Epoxy Floor Coating** is ideal for domestic and light industrial areas that require a hard wearing damp and stain resistant floor surface. **Drybase® ECS CR Epoxy Coating** can be used on surfaces that require resistance to a wide range of different chemicals.



## Drybase® Flex Membrane

### Provides fast salt resistance for damp walls

**Drybase® Flex Membrane** is a highly durable and flexible membrane for direct application to walls that have been affected by dampness and salt contamination. The fleece-lined membrane can be quickly and easily applied to walls using the specially formulated **Drybase® Flex Adhesive**. It can be plastered onto directly, creating a versatile solution to the problem of damp walls, when it is not possible to stop the damp at its source.



## Precautions

Read instructions and health and safety data sheet (available upon request) before use.

## Guarantees

Call Safeguard on **01403 210204** for details of specialist contractors who offer guarantees on **Drybase®** installations.

## Further information

For health and safety information see the Safety Datasheet (available upon request).

[www.safeguardeurope.com/drybase](http://www.safeguardeurope.com/drybase)



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