



Walling

IMPORTANT - In the Republic of Ireland the use of this underlay into walling applications is NOT covered by an Irish Agrément Board Certificate.

Exposed membranes can be damaged by high winds, prolonged exposure to UV, careless handling or by vandalism and must be covered by external cladding as soon as practically possible on completion of installation. Any damaged areas should be repaired or replaced before completion. The product is designed as a secondary barrier that resists the penetration of liquid water behind the primary cladding. Whilst still exposed, the membrane should not be considered as being totally weatherproof, as some rain penetration may occur. Installation of the underlay when used as a breather membrane in timber framed walls

In mainland UK and Northern Ireland vapour permeable underlays can be used as a breather membrane in timber framed walls with a cavity and conventional masonry, weatherboarding, tile or slate cladding. This will protect any sheeting material and the structural frame from any penetrating water but allow any water vapour from the inside to diffuse outwards.

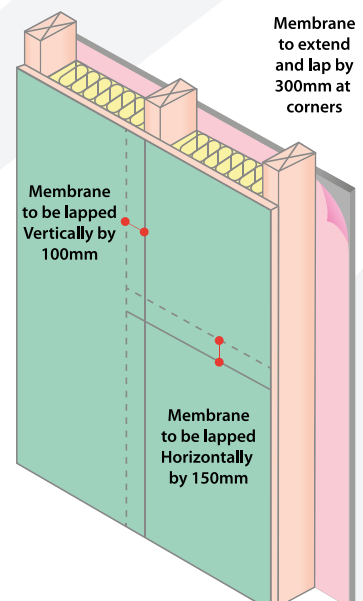
This product is designed to be installed by a competent general builder, or a contractor, experienced with this type of product and should be installed in accordance with relevant Agrément Certification (as identified on roll insert)

General installation information insitu fixing to timber frame

Unroll the breather underlay and fit directly to the timber sheeting ensuring that the lower base timbers are covered. Ensure that the vertical joints of the underlay are staggered. To assist in the subsequent location of the vertical studs these should be highlighted on the underlay. The underlay must be secured with austenitic stainless steel nails or staples at intervals not exceeding 500mm.

Lap the underlay by 100mm horizontally and 150mm vertically and at external corners return the underlay by 300mm, see Figure 1. Upper layers should overlap lower layers to shed water away from the sheathing.

At openings the underlay should be detailed into the opening return to ensure there is sufficient lap and weathering with the proposed framing. The underlay should be lapped at cavity barriers and trays by at least 100mm horizontally and 150mm vertically.





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The internal lining, usually plasterboard, should incorporate an air and vapour control layer to limit the amount of water vapour transferring into the structure from the warm humid interior of the house. It is important that this internal layer is effectively sealed and airtight as large amounts of water vapour can be carried into the structure by air movement.

Health and Safety

Care should be taken in handling materials at height, in particular ensure that manual handling regulations are not exceeded. Before work commences a method statement and risk assessment requires to be prepared.

Standards and Guidance

Weather tightness: The appropriate national requirements require that walls should resist the penetration of rain from outside. The properties of the underlay ensure that, when installed as recommended, a wall will comply with the following regulations:

England: Approved Document C, Section 5;

Wales: Approved Document C, Section 5;

Scotland: Technical Handbook 3, Section 3.10 (Domestic and Non-domestic);

Northern Ireland: Technical Booklet C, Section 6.

Southern Ireland: Technical Guidance Document C, Section 3.2. Condensation risk: BS5250, British Standard

Code of Practice for control of condensation in buildings, is the primary reference for the installation of membranes in walls and roofs. It is referenced extensively within the building regulations.

The standards set by the NHBC and the guidance for the construction of timber framed houses issued by TRADA, both specify the inclusion of a breather membrane on the outer face of the sheathing of timber framed walls.

For CE Accompanying Technical Document please contact your Distributor or visit www.donlow.co.uk. For information relating to these products in other languages please visit the Don & Low website www.donlow.co.uk

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