

Walling Installation Instructions

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

Installation of the underlay when used as a breather membrane in timber framed walls

In mainland UK and Northern Ireland breathable 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 sheathing 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 sheathing 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 breather 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 breather underlay should be detailed into the opening return to ensure there is sufficient lap and weathering with the proposed framing. The breather underlay should be lapped at cavity barriers and trays by at least 100mm horizontally and 150mm vertically.

In the UK, given mild weather conditions, a maximum exposure period of 3 months should be adhered to for this underlay. In the winter months, or in cases of more extreme weather, this period should be reduced.

The internal lining, usually plasterboard, should incorporate a 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 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:

Approved Document C, Section 5 (England);

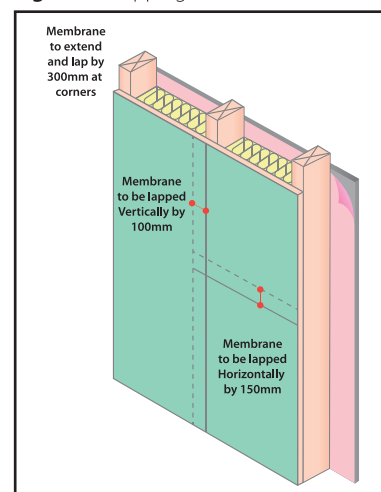
Approved Document C, Section 5 (Wales (E&W));

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

Technical Booklet C, Section 6 (Northern Ireland)

Condensation risk: BS5250:2011, 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.

Figure 1 - Lapping of FrameTX®



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 outside 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

Don & Low believes that the information provided herein is accurate as at the date of publication. The information does not form part of any contract. Don & Low reserves the right to change specifications or other product information. Don & Low accepts no responsibility or liability for information provided by third parties. No warranties, express or implied, are offered regarding the suitability of any product for your use, as site conditions and customer requirements vary. Should you require further information, please contact us. Products are sold subject to the seller's terms and conditions of sale. No warranty or immunity is offered against infringement of patents or other intellectual property rights.

© Don & Low Limited, 2016. The intellectual property in the products is owned and protected by Don & Low or its licensors.