

ENVIROTECT™

Envirotect XT 150 is a spunbond non-woven polypropylene construction membrane. It has been designed and developed for use in timberframe, light steel gauge, modular building and leisure building applications. Envirotect XT 150 delivers first line protection to the external of the building during construction against driving rain, and wind-blown snow providing ultimate protection to the interior of the building. The high-water vapour permeability provided from Envirotect XT 150 ensures water vapour can pass through the structure safely into a vented cavity.

Developed and manufactured by Permavent using the latest technologically advanced methods available Envirotect XT 150 assures a high specification, class leading solution.

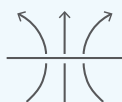
XT 150 WALLING MEMBRANE



**Water vapour
resistance**



UV and heat resistant



**High vapour
permeability**

STA | STRUCTURAL
TIMBER
ASSOCIATION
Member

**UK
CA**

CE

Resistance to water penetration, Class	W2
Water vapour transmission properties (sd), m	0.05
Nail tear resistance to EN12310-1 (MD), N/50mm	220
Nail tear resistance to EN12310-1 (CD), N/50mm	230
Tensile strength to EN12311-1 (MD), N/50mm	240
Tensile strength to EN12311-1 (CD), N/50mm	190
Flexibility at low temperature to EN1109:2013	-40°C
Weight, gsm	100

Independently tested.

Exceeds BS5250, BMTRADA & NHBC requirements for vapour permeability.

**1.35x50m
7.0kg**

PERMAVENT

For installation guides on all our products, please visit our website PERMAVENT.CO.UK

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FITTING INSTRUCTIONS

XT 150 WALLING MEMBRANE

Unroll Envirotect XT 150 and secure directly to the sheathing or insulation using stainless steel staples and in accordance with NHBC.

Envirotect XT 150 should be secured at no more than 600mm horizontally and 500mm vertically fixing centres. A maximum fixing centre of 200mm should be adopted around any openings (Figure 1).

All laps around windows or door openings should be sealed using Permavent high tack sealing tape. Vertically the membrane should overlap by at least 150mm and with the joints in a staggered pattern. Envirotect XT 150 should be installed with a least a 100mm lap horizontally starting at the bottom of the panel working up to ensure the upper layer covers the lower layer, to protect the substrate from water runoff (Figure 2).

Envirotect XT 150 should be covered as soon as practically possible, and depending on the build type and installation time.

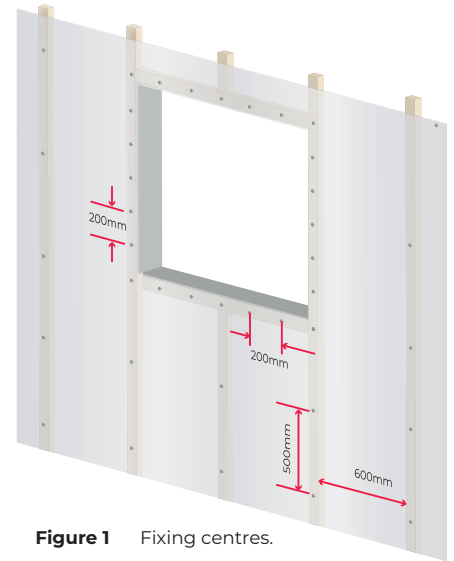


Figure 1 Fixing centres.

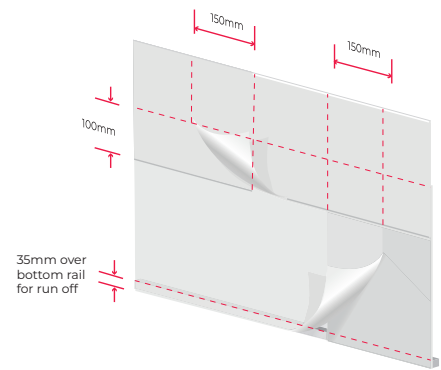
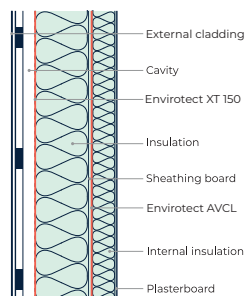


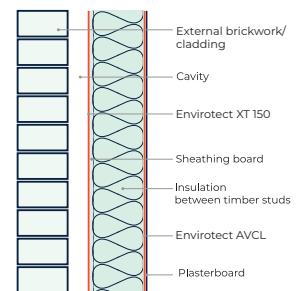
Figure 2 Vertical & horizontal laps.

Envirotect XT 150 Applications:

▼ Cladding



▼ Timberframe



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