



Protect Membranes
2 Brooklands Road, Sale, Cheshire M33 3SS

Telephone **0161 905 5700**
Fax **0161 905 2085**
Email info@protectmembranes.com
Website www.protectmembranes.com

PMP31 Issue 3 November 2019

Construction Membranes

Vapour Control Layers & Airtightness Membranes

Protect PWAB Party Wall Air Barrier Pack

Protect PWAB is an airtight and vapour permeable air barrier, produced in the UK, specifically developed to overcome the problems of heat loss due to air movement from the party wall cavity, within timber frame construction. Whether site or factory applied, the membrane allows requirements for air sealing to be met whilst still allowing water vapour to escape. The pack includes Protect Reinforced Universal Tape to make the airtight seal on the roll edges. Party walls must now have a fully filled cavity and be effectively edge sealed.

The mass of the membrane should be 125g/m^2 , in roll sizes of: 0.3m x 30m. Water vapour transmission resistance to be: $\leq 0.04 S_d$ to BS EN ISO 12572 to meet permeability requirements recommended by TRADA and NHBC. The product's resistance to water penetration to BS EN 13111 should be Pass, Class W1. The membrane should have a hydrostatic head of water resistance of $>2.0\text{m}$. Nail tear strength should be 130 (MD along roll) and 160 (CD across roll) to BS EN 12310-1 with mods and tensile strength should be 180 (MD along roll) and 115 (CD across roll) to BS EN 12311-1 with mods. Membrane should be grey on the upper surface and white/grey on the under surface. Membrane to be used to comply with Approved Document L and meet minimum requirements of the Building Regulations in UK and Ireland.

Manufacturer: Protect Membranes, a division of Building Product Design, 2 Brooklands Road, Sale, Cheshire, M33 3SS, United Kingdom. Tel: +44 (0)161 905 5700, Fax: +44 (0)161 905 2085. E-mail: info@protectmembranes.com Website: www.protectmembranes.com/pwab

STA Assured Gold accredited company and associate members of the Structural Timber Association and the Modular and Portable Build Association.

Product Reference: Protect PWAB party wall air barrier pack.





Protect Membranes
2 Brooklands Road, Sale, Cheshire M33 3SS

Telephone **0161 905 5700**
Fax **0161 905 2085**
Email **info@protectmembranes.com**
Website **www.protectmembranes.com**

Accessories Included in Pack

Protect Reinforced Universal Tape:

Single-sided, high-tack, UV and heat stabilised spun bond reinforced tape. Designed as general purpose tape for sealing overlaps of timber frame membranes, air barriers and vapour control layers. Can be used for internal or external applications.

