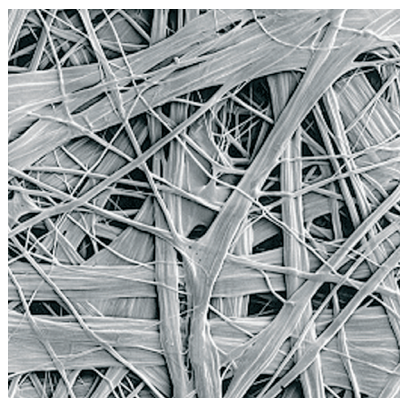


DUPONT™ TYVEK® E-GUARD W1

The new reflective wall membrane for improved thermal efficiency



Tyvek® micro fibres offer proven durability



Tyvek® e-Guard W1 with Tyvek® metallised tape

New Tyvek® e-Guard W1 reflective wall membrane

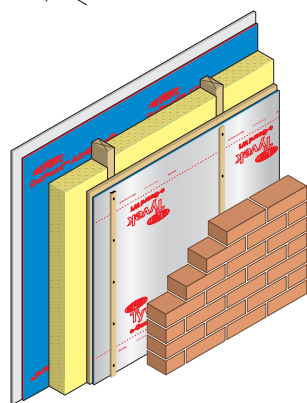
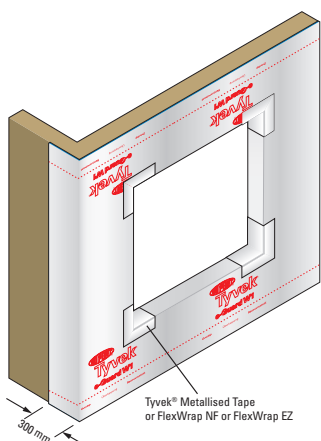
Breather membrane: reflecting radiant heat in summer and reducing convective heat loss in winter.

Its outstanding properties:

- DURABILITY:**
 Excellent long-term performance (based on tried and proven technology from DuPont™ Tyvek®)
 4 months UV resistance prior to covering
 Robust: unique 175 microns functional layer
- PROTECTION FROM WATER:**
 Water resistance (W1); 1700 mm water column
 Helps protect against water damage, wood rot...
- ENHANCED AIRTIGHTNESS**
 Wind tight but vapour open
 Vapour resistance 0,25 MNs/g
- COMFORT AND ENERGY SAVING**
 Reflects 97% of heat radiation (emissivity 3%) for improved thermal comfort throughout the year
- THERMAL RESISTANCE**
 Thermal resistance value for all vertical cavities larger than 20 mm:
 0,75 m²K/W (NPL guarded hotbox method)
- FACTORY OR SITE INSTALLED**
 Lightweight, flexible and easy to install

Not all breather membranes perform and last the same!

DUPONT™ TYVEK® E-GUARD W1



Properties

Style name	2018M
Roll size	2.70 m x 100 m, 30 kg
Mass per unit area	110 g/m ²
Water vapour transmission value (sd)	0,05 m
Maximum tensile force MD	320 N / 50 mm
Maximum tensile force XD	310 N / 50 mm
Resistance to tearing MD	60 N
Resistance to tearing XD	55 N
Fire class	E
Temperature resistance	-40°C / +80°C
Product- / Functional layer thickness	250 /175 µm
CE marking	Yes
BBA certificate	N° 90/2548

Artificial aging by UV and heat EN 1297 & EN 1296 residual value

Water tightness	EN 1928 (A)	class	W1
Maximum tensile force (MD)	EN 12311-1	%	90
MD elongation at maximum tensile force	EN 12311-1	%	80
Maximum tensile force (XD)	EN 12311-1	%	90
XD elongation at maximum tensile force	EN 12311-1	%	80

To achieve optimal airtightness, we recommend the use of the following adhesive tapes which are fully compatible with Tyvek® e-Guard W1.



Tyvek® metallised tape



Tyvek® FlexWrap NF



Tyvek® FlexWrap EZ

DuPont Protection Solutions
BBSP1
Bristol & Bath Science Park
Dirac Crescent
Emersons Green
Bristol
BS16 7FR
Tel: 08444 068 722

www.construction.tyvek.co.uk



**FOR
GREATER
GOOD™**