



Breathable Membrane

**Reliable Roofing Underlay For
Pitched Roof Systems**



Breathable Protection for Modern Roofing Systems

WHY CHOOSE ASTON BUILDING SUPPLIES?

COMPLETE BREATHABLE MEMBRANE RANGE

We offer a choice of 90 GSM, 100 GSM, 120 GSM and 170 GSM breathable roofing membranes, giving customers options for different project requirements.

QUALITY FOR THE UK TRADE MARKET

Our products are designed for builders' merchants, roofing merchants, contractors, distributors and online retailers.

FLEXIBLE ROLL SIZES

Available in practical 1m x 50m rolls, with our 120 GSM membrane also available in 1.5m x 50m.

COMPETITIVE TRADE PRICING

We offer competitive pricing for trade, wholesale and bulk orders.

VAPOUR PERMEABLE & WATER RESISTANT

Designed to help manage moisture within compatible roof structures while providing reliable protection against water penetration.

RELIABLE UK SUPPLY

Aston Building Supplies provides reliable product supply and delivery support for customers across the UK.

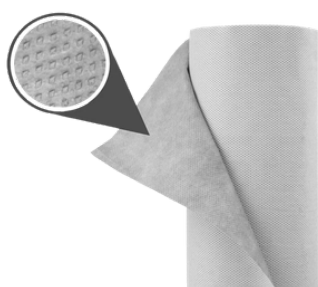
ASTON BUILDING SUPPLIES LTD

A reliable Partner for Roofing and Building Product Supply.
astonbp.co.uk

Product Type:



Breathable
Membrane 100 GSM



Breathable
Membrane 90 GSM



Breathable
Membrane 120 GSM



Breathable
Membrane 120 GSM



Breathable
Membrane 170 GSM



Reflective Insulation
Membrane 90 GSM

BREATHABLE MEMBRANE 170GSM

HIGHLY BREATHABLE
Allows moisture to escape and helps prevent condensation

WATER RESISTANT
Protects against water ingress while maintaining breathability

STRONG & DURABLE
High tensile strength and tear resistance

UV STABLE
Suitable for exposed installation for up to 3 months

SIZE
1M X 50M

ROLL AREA
50m²

WEIGHT
8.5kg ±10%

ROOFING & WALL APPLICATION

HIGH PERFORMANCE BUILDING MEMBRANE

QUALITY YOU CAN TRUST

TECHNICAL DATA SHEET			
Breathable Membrane 170gsm			
SIZE 1M X 50M			
CHARACTERISTICS	TEST METHOD	UNIT	DECLARED VALUE
DIMENSIONS	Width	EN 1046-2	m
	Length of the roll		m
WEIGHT OF ROLL		kg	8.5 ±10%
MASS PER UNIT AREA	EN 1849-2	g/m ²	170 ±10%
REACTION TO FIRE	EN ISO 11925-2		Class E
WATERTIGHTNESS (2 KPA)	EN 1928		Class W1
WATERTIGHTNESS AFTER ARTIFICIAL AGEING	EN 1296, EN 1928		Class W1
RESISTANCE TO TEARING	In longitudinal direction	EN 12313-1	N
	In transverse direction		N
TENSILE STRENGTH	In longitudinal direction		N/50mm
	In transverse direction	EN 12313-2	N/50mm
ELONGATION AT BREAK	In longitudinal direction		%
	In transverse direction		%
TENSILE STRENGTH AFTER ARTIFICIAL AGEING	In longitudinal direction		N/50mm
	In transverse direction	EN 1296	N/50mm
ELONGATION AT BREAK AFTER ARTIFICIAL AGEING	In longitudinal direction	EN 1297 EN 12313-2	%
	In transverse direction		%
VAPOUR PERMEABILITY	EN 1901	g/m ² /24h	>1700
	EN 1901	m	0.02 (+0.03, -0.01)
APPLICATION TEMPERATURE RANGE		°C	-30 / +80
APPLICATION TEMPERATURE FOR SHORT TIME		°C	110

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Quality building products for professional results
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**Supervent
100**SIZE
1x50m**MINIMAL CHARACTERISTICS:****Aston Supervent 100**

Thickness (mm)	0.4
Mass per unit area (g/m ²)	100
Roll length*(m)	50
Roll width*(m)	1

Colour		Elongation*(%)	
Upper	grey	Longitudinal	70
Lower	white	Transverse	92

Tensile strength*[N(50 mm)-1]		Tear resistance*(N)	
Longitudinal	260	Longitudinal	100
Transverse	170	Transverse	120

Watertightness*	
Unaged	W1
Aged(1)	W1
Water vapour transmission*(Sd)(m)	0.02

The membranes are made by thermally bonding two non - woven polypropylene layers with a microporous film in - between, forming a breathable waterproof membrane. They should be installed by experienced slaters/tilers and stored flat or on end on a clean, level surface under cover.

**Maxvent
170**SIZE
1x50m**MINIMAL CHARACTERISTICS:****Aston Maxvent 170**

Thickness (mm)	0.55
Mass per unit area (g/m ²)	170
Roll length*(m)	50
Roll width*(m)	1

Colour		Elongation*(%)	
Upper	Green	Longitudinal	80
Lower	White	Transverse	70

Tensile strength*[N(50 mm)-1]		Tear resistance*(N)	
Longitudinal	280	Longitudinal	170
Transverse	200	Transverse	220

Watertightness*	
Unaged	W1
Aged(1)	W1
Water vapour transmission*(Sd)(m)	0.02

The membranes are made by thermally bonding two non - woven polypropylene layers with a microporous film in - between, forming a breathable waterproof membrane. They should be installed by experienced slaters/tilers and stored flat or on end on a clean, level surface under cover.

**Ultravent
120**SIZE
1.5x50m**MINIMAL CHARACTERISTICS:****Aston Ultravent 120**

Thickness (mm)	0.45
Mass per unit area (g/m ²)	120
Roll length*(m)	50
Roll width*(m)	1.5

Colour		Elongation*(%)	
Upper	grey	Longitudinal	100
Lower	white	Transverse	120

Tensile strength*[N(50 mm)-1]		Tear resistance*(N)	
Longitudinal	260	Longitudinal	140
Transverse	170	Transverse	180

Watertightness*	
Unaged	W1
Aged(1)	W1
Water vapour transmission*(Sd)(m)	0.02

The membranes are made by thermally bonding two non - woven polypropylene layers with a microporous film in - between, forming a breathable waterproof membrane. They should be installed by experienced slaters/tilers and stored flat or on end on a clean, level surface under cover.

**Reflective
90**SIZE
1.5x50m**MINIMAL CHARACTERISTICS:****Aston reflective 90**

EN13984 Type A vapour control layer for use in wall ,ceiling and floor constructions		
Weight:	90gsm	
Resistance to water penetration:		
Before artificial ageing	W1	
After artificial ageing	W1	
Maximum tensile strength:	MD	CD
Before artificial ageing	140N(±40)	100N(±40)
After artificial ageing	100N(±40)	85N(±40)
Elongation		
Before artificial ageing	40(±15)%	50(±15)%
After artificial ageing	35(±15)%	45(±15)%
Tear resistance(nail shank)	100(-20)N	
Tape joint strength:	120(-50)N	
Water vapour resistance:		
Before artificial ageing	>300MN/g	
After artificial ageing	>300MN/g	
Equivalent air layer thickness		
Before artificial ageing	>50SD(M)	
After artificial ageing	>50SD(M)	
Reaction to fire	(NPD)	

For walls ,ceilings and floors in masonry, metal or timber frame construction on the WARMside of the installation.

