



Climateq®

membranes

Climateq membranes - roofing membranes with an excellent water vapour permeability and water resistance. The membranes are made of three layers using thermobonding technology: two exterior layers are a non-woven polypropylene (PP) spunbond and a central functional layer responsible for water resistance and vapour permeability. Such technology allows the entire surface of the membrane to retain the uniform structure and parameters.

The laboratory control at every stage of production guarantees high quality of the final product, which has been recognised by various certification authorities, enabling us to be granted Quality Certificate CE and BBA Certificate.

Climateq membranes are available in two series: **PRO**fessional and **POP**ular.





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Quality & Lab

High quality of Climateq membranes is guaranteed by dual quality control tests in the laboratory. WABIS laboratory is equipped to provide continuous quality-control of the finished products and raw materials used in the production processes.

The Climateq membranes are manufactured from high quality raw materials supplied by European suppliers.

Quality of raw materials is always checked in terms of the following important parameters before reaching the production line: strength, flexibility, water resistance, vapour permability, weight, thickness.

The final product is also subjected to a high temperature tests in accordance with the requirements of European and international standards. In addition the colour and quality of printing on the product, the method of winding and packing are subject to ongoing monitoring throughout the production process.



Quality & Lab





PROfessional series

Climateq PROfessional Series is the three-layer membranes designed and made in response to the needs of the most demanding customers. The raw materials used to manufacture these membranes are of the highest quality what makes the product extremely strong, flexible and stable with the best technical parameters.

The **Climateq** membrane surface is smooth which enables free flow of water, dust and dirt and so maintains a clean surface and freely breathable product. Those characteristics are achieved through the use of thermobonding technology.

The membranes are available with one or two glue strips.

Climateq PRO Series is dedicated to applications requiring responsible solutions and materials. They stand out significantly, not only in terms of technical and aesthetic properties but first of all in versatility of use.

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PROfessional series

Application:

- as an underlayment and a sealing layer of roof coverings in pitched roof constructions, which are laid on battens and counter-battens.
- as an underlayment and a sealing layer of roof coverings in pitched roof constructions on a fully-supported roof.
- as an underlayment and a sealing layer of roof coverings in pitched roof constructions, sealing of PUR and PIR thermal insulation.
- underlayment in pitched roof structures laid directly on thermal insulation.
- sealing layer in pitched roofs structures of cold-ventilated and non-ventilated attics.

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FOCUS

**European Quality focused
on the roof.**

Advantages:

- advanced material technology.
- meets the highest quality standards.
- excellent strength parameters.
- perfectly protected functional layer that meets very high requirements for premium products.
- dark colours - maximum protection of the middle layer of membrane - functional film (UV resistance – 4 months).
- special surface layer neutralises refracted sunlight.
- simple to use.
- very high permeability / water vapour resistance – 0.015m/ with high product grammage 210g.



FOCUS



Specification:

Mass per unit area	g/m ²	210
Number of layers	-	3
Water vapour resistance - Sd value	m	0.015
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	490/190
Tear resistance along/across	N	240/290
Elongation at break	%	60/70
Operating temperature range	°C	-40/+120
UV resistance	month	4
Resistance to air penetration	m3/(m2xhx50Pa)	≤0,01
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq PRO 210 FOCUS to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Zone 1 to 5	Zones 1 to 5	Zones 1 to 5



Climateq®
membranes

Black

Total protection and excellent strength parameters.

Advantages:

- composition of carefully selected raw materials.
- perfectly protected functional layer of the membrane enables it to operate safely on the roof without losing basic properties for many years.
- extremely tear-resistant and at the same time very waterproof and highly-permeable throughout the surface.
- provides comfort and safety during installation.



Black



Specification:

Mass per unit area	g/m ²	180
Number of layers	-	3
Water vapour resistance - Sd value	m	0.02
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	470/260
Tear resistance along/across	N	170/215
Elongation at break	%	75/90
Operating temperature range	°C	-40/+120
UV resistance	month	4
Resistance to air penetration	m3/(m2hx50Pa)	≤0,01
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq PRO 180 BLACK to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Zone 1 to 4	Zones 1 to 5	Zones 1 to 5



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**PRO
165**

Always professional.

Advantages:

- excellent nail-tear resistance.
- it provides effective protection and thermal insulation against external influences.
- very high and stable vapour-permeability on the entire surface enables even discharge of water vapour and improves energy-saving and insulation.
- product to weight ratio of the membrane and use of carefully selected raw materials provide durability.
- strength of material ensures safety during installation.



PRO 165



Specification:

Mass per unit area	g/m ²	165
Number of layers	-	3
Water vapour resistance - Sd value	m	0.02
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	390/220
Tear resistance along/across	N	145/190
Elongation at break	%	70/85
Operating temperature range	°C	-40/+120
UV resistance	month	4
Resistance to air penetration	m3/(m2hx50Pa)	≤ 0,01
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq PRO 165 to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Zone 1 to 3	Zones 1 to 5	Zones 1 to 5



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PRO
150

Professional and functional.

Advantages:

- good nail-tear resistance.
- strong + flexible.
- stable vapour permeability on the entire surface enables even discharge.
- of water vapour and improves energy saving and insulation.
- safety during installation.
- excellent product to weight ratio facilitates versatility.



PRO 150



Specification:

Mass per unit area	g/m ²	150
Number of layers	-	3
Water vapour resistance - Sd value	m	0.02
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	340/210
Tear resistance along/across	N	140/200
Elongation at break	%	60/70
Operating temperature range	°C	-40/+120
UV resistance	month	3
Resistance to air penetration	m3/(m2hx50Pa)	≤ 0,02
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq PRO 150 to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Zone 1 to 2	Zones 1 to 5	Zones 1 to 5



POPular series

Popular **Climateq** series is the three-layer membrane highly popular in the construction industry. Its properties enable quick and easy installation, even extraction of water vapour from inside of the building and also prevents the construction from wind and rain. **Climateq** POPular membranes guaranteed to maintain desired atmospheric conditions inside buildings.

POPular

Climateq[®]
membranes



POPular series

Application:

- as an underlayment and a sealing layer of roof coverings in pitched roof constructions, which are laid on battens and counter-battens.
- as an underlayment and a sealing layer of roof coverings in pitched roof constructions on a fully- supported roof.
- as an underlayment and a sealing layer of roof coverings in pitched roof constructions, sealing of PUR and PIR thermal insulation.
- underlayment in pitched roof structures laid directly on thermal insulation.
- sealing layer in pitched roofs structures of cold-ventilated and non-ventilated attics.
- wind shielding for stud walls in timber-framed construction.

A vertical strip on the right side of the page showing a close-up of a dark, textured membrane surface with a fine, grid-like pattern.

Climateed[®]
membranes



Climateq®
membranes

POP
135

**Excellent high vapour-permeable
membrane.**

Advantages:

- high vapor permeability.
- water resistance.
- durability.
- very good tear resistance.
- flexibility.
- easiness of assembly and transport.
- cost-effective solution.



POP 135



Specification:

Mass per unit area	g/m ²	135
Number of layers	-	3
Water vapour resistance - Sd value	m	0.02
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	320/185
Tear resistance along/across	N	115/140
Elongation at break	%	70/90
Operating temperature range	°C	-40/+120
UV resistance	month	3
Resistance to air penetration	m3/(m2xhx50Pa)	≤ 0,02
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq POP 135 to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Zone 1 to 2	Zones 1 to 5	Zones 1 to 5



Climateq®
membranes

POP
120

**Standard high
vapour-permeable membrane.**

Advantages:

- high vapour permeability.
- water resistance.
- durability.
- very good tear resistance at low weight of the product.
- flexibility.
- ease of assembly and transport.
- durability and functionality of the membrane due to appropriate weight.



POP 120



Specification:

Mass per unit area	g/m ²	120
Number of layers	-	3
Water vapour resistance - Sd value	m	0.02
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	280/160
Tear resistance along/across	N	105/125
Elongation at break	%	65/85
Operating temperature range	°C	-40/+120
UV resistance	month	3
Resistance to air penetration	m3/(m2xhx50Pa)	≤ 0,02
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq POP 120 to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Zone 1	Zones 1 to 5	Zones 1 to 5



Climateq®

membranes

POP
100

**Standard high
vapour-permeable membrane.**

Advantages:

- high vapor permeability.
- water resistance.
- durability.
- very good tear resistance in relation to low product weight.
- flexibility.
- ease of assembly and transport.
- durability and functionality of the membrane due to appropriate weight.



POP 100



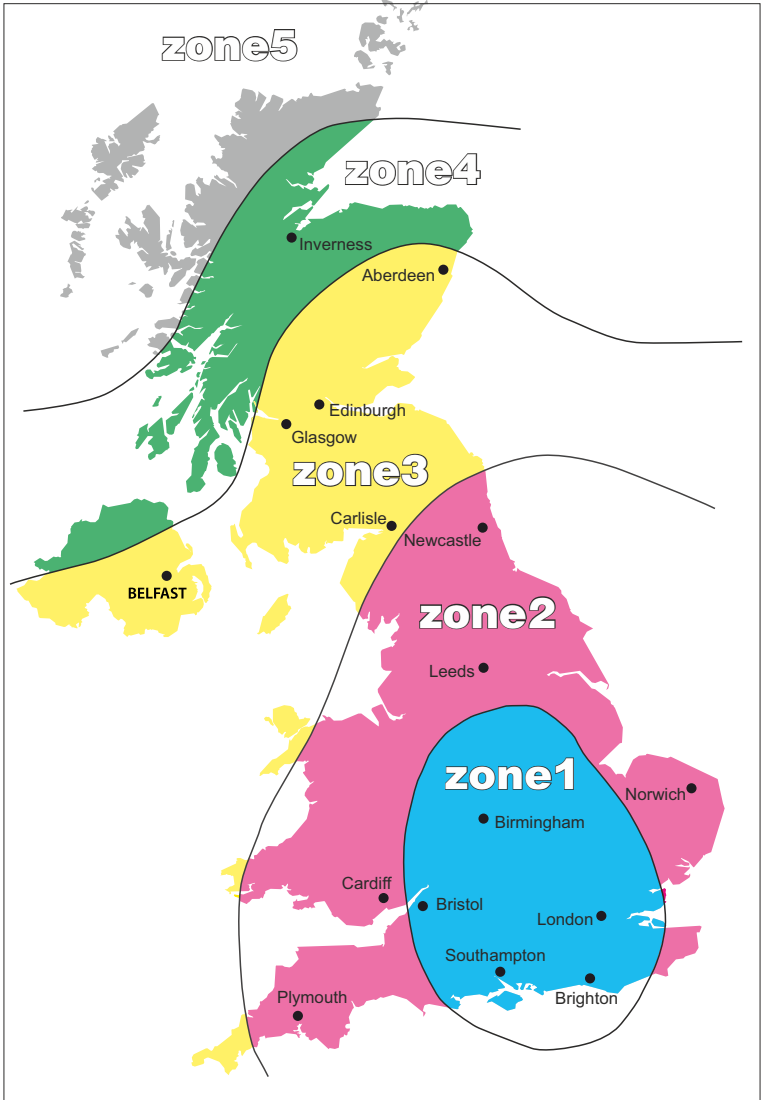
Specification:

Mass per unit area	g/m ²	100
Number of layers	-	3
Water vapour resistance - Sd value	m	0.02
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	220/130
Tear resistance along/across	N	100/125
Elongation at break	%	60/70
Operating temperature range	°C	-40/+120
UV resistance	month	2
Resistance to air penetration	m3/(m2xhx50Pa)	≤ 0,02
Standard dimensions	m	1x50

Summary of test results for wind uplift resistance of Climateq POP 100 to BS 5270:2015

Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
Unclassified	Zones 1 to 5	Zones 1 to 5

Geographical wind zones



Summary of test results for wind uplift resistance of Climateq breathable membranes to BS 5270:2015

	Wind uplift for 345 batten gauge with batten restrained lap	Wind uplift for 345 batten gauge with taped laps	Wind uplift for 250 mm batten gauge with batten restrained lap
POP 100	Unclassified	Zones 1 to 5	Zones 1 to 5
POP 120	Zone 1	Zones 1 to 5	Zones 1 to 5
POP 135	Zones 1 to 2	Zones 1 to 5	Zones 1 to 5
PRO 150	Zones 1 to 2	Zones 1 to 5	Zones 1 to 5
PRO 160	Zones 1 to 3	Zones 1 to 5	Zones 1 to 5
PRO 180 BLACK	Zones 1 to 4	Zones 1 to 5	Zones 1 to 5
PRO 210 FOCUS	Zones 1 to 5	Zones 1 to 5	Zones 1 to 5

Climateq®
membranes

R A N G E

Extreme resistance.

Advantages:

- perfect strength parameters.
- advanced material technology.
- meets the highest quality standards.
- perfectly protected functional layer that meets very high requirements for premium products.
- special surface layer neutralises refracted sunlight.
- simple to use.
- high permeability / water vapour resistance – 0.025m/.
- 4-layers product (Elastic PP spunbond + Mesh + film PP + PP spunbond).

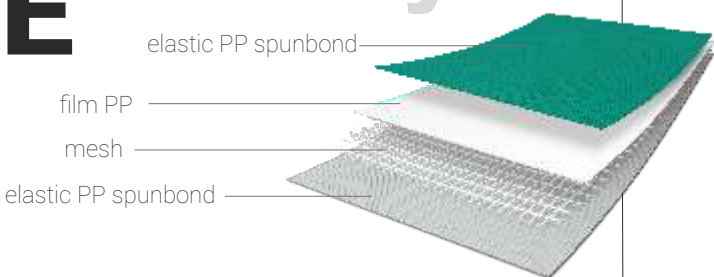


NEW ■ NEW ■ NEW



RANGE

4 layers



Specification:

Mass per unit area	g/m ²	150
Number of layers	-	4
Water vapour resistance - Sd value	m	0.025
Resistance to water penetration	class	W1
Fire resistance	class	E
Tensile strength along/across	N/5cm	490/370
Tear resistance along/across	N	380/400
Elongation at break	%	40/40
Operating temperature range	°C	-40/+100
UV resistance	month	3
Resistance to air penetration	m ³ /(m ² xhx50Pa)	≤0,01
Standard dimensions	m	1x50