

# Black+ Construction Wrap Breather Membrane

## Product Description

2.7m x 100m wall breather membrane which is a 3-layer, high performance, yet lightweight, breather membrane designed for use in all insulated wall applications. Novia® Black+ Construction Wrap has excellent Class W1 water resistance but still provides high breathability. Due to Novia® Black+ Construction Wrap's high performance the material meets EN 13859-1 for pitched roofing, as well as EN 13859-2 for walls. However due to the roll size, roof applications are not advised. It also complies with EN 13501-1 fire classification grade E. The product is completely black on one side, grey on the reverse, with no text or images, except for a 150mm overlap line.

## Features

- 3-layer, high performance wall breather with microporous core
- Class W1 water resistance to EN 1928
- Fully airtight, and vapour permeable
- Good tensile and nail tear strength
- Grade E (fire) to EN 13501-1
- 1 month UV resistance
- UKCA to EN 13859-1 (roofs) and EN 13859-2 (walls)
- Ideal for timber frame constructions

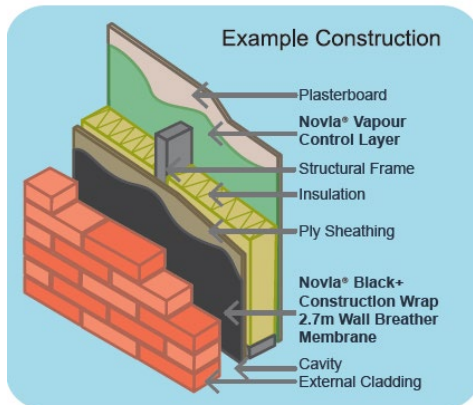
## Typical Applications

- Wall breather membrane

	Value
Standard Width	2.7m
Roll Length	100m
Roll Weight	28.5kg EN 1849-2
Nominal weight	102 g/m <sup>2</sup> EN 1849-2
Tensile strength MD / CD	250/140 N/50mm EN 12311-1
Elongation MD / CD	60/70% EN 12311-1
Tear resistance MD / CD	100/95N EN 12310-1
Resistance to water penetration	W1 Class EN 1928
Resistance to water penetration (after ageing)	W1 Class EN 1928
Low temperature stability (no cracking at)	-60°C EN 1109
Reaction to fire	E Class EN 11925-2
UV resistance	1 Month

## Application Instructions

Fix Nova® Black+ Construction Wrap to the wall structure; upper layers should overlap lower layers. Work from the bottom moving upwards, using minimum overlaps of 100mm on the horizontal joints. Do not begin a vertical lap joint within 300mm of a corner, and vertical laps should be at least 150mm. Ensure the bottom timber is also protected by an overlap. Fix at suitable intervals with galvanised nails, stainless staples or similar fixings that will be permanent. Do not leave the membrane unnecessarily exposed to weathering, high winds, excessive UV etc. as this may cause damage over time. If you must leave the membrane exposed for extended periods of time, consider the use of suitable temporary protection materials.



## Installation Tapes

We strongly advise the use of Nova installation tapes. The use of tapes will greatly improve the final installation quality by improving performance and overall airtightness of the structure, reducing wind chatter and allow for any unexpected on-site damage to be repaired quickly. We offer a single-sided Nova® Breather Membrane Lap Tape for basic installations. For high specification work where there is even greater emphasis on airtightness we offer the optional Nova® Double Sided Lap Tape. For the very best standards of installation and airtightness, we advise the use of both types of tape, which will ensure a long lasting, high quality, breathable and air-tight seal is formed.

## Other Notes:

Ensure that a Nova Air & Vapour Control Layer such as Nova® 500g, 1000g or 1200g (virgin grade polythene AVCLs) or Nova® VC200 Reflective, is installed on the warm side of the insulation to limit unwanted interstitial condensation. As little as 1% - 3% moisture contamination within the insulation can adversely affect the achieved thermal performance by more than 30%.

Always handle material carefully to prevent tears and punctures. Repair any on-site damage with Nova tapes. All Nova products should be stored horizontally, indoors and out of direct sunlight. External storage must be on a temporary basis. When stored externally, Nova products should be covered and protected from exposure to weather conditions, especially wind, rain, frost and UV. Pallets should not be stacked.

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. March 2024

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