

**Novia® Black+ FC125** is a high quality, strong and versatile floor cassette membrane for use in timber frame wall applications. **Novia® Black+ FC125** is a 3-layer membrane with a microporous core. It has excellent Class W1 water resistance and is airtight, yet remaining vapour permeable with high breathability. **Novia® Black+ FC125** reduces the risks of interstitial condensation around connections to wall panel detail. It is used to maintain airtightness at floor junctions, installed around the floor cassette and connected to the internal air and vapour control layer (AVCL). **Novia® Black+ FC125** is completely black on one side, grey on the reverse, with no text or images, except for a 150mm overlap line.



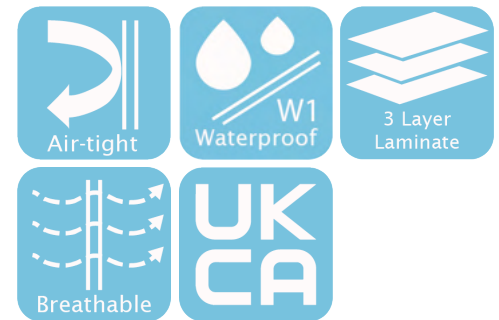
## Installation Tapes

Novia offers a range of installation tapes to join the cassette membrane to the vapour control layer above and below the floor junction. The use of tapes will result in the correct seal being formed as required for the AVCL to perform correctly. To connect **Novia® Black+ FC125** to an internal AVCL we offer **Novia® Double Sided Butyl Tape** for use when connecting the floor cassette membrane to the AVCL and **Novia® Breather Membrane Lap Tape (BMLT)** for use along the overlap.

## Key Features:

- UKCA to EN 13859-1 & 13859-2
- 3-layer membrane with microporous core
- Class W1 water resistance to EN 1928
- Airtight, and vapour permeable
- Good tensile and nail tear strength
- Class E Fire Classification to EN 13501-1
- Available in 1m x 50m roll lengths (50m<sup>2</sup>)

|                                                | Value                              | Units            | Test Method  |
|------------------------------------------------|------------------------------------|------------------|--------------|
| Standard width                                 | 1                                  | m                |              |
| Roll length                                    | 50                                 | m                |              |
| Roll weight 1m                                 | 6.5                                | kg               |              |
| Nominal weight                                 | 125                                | g/m <sup>2</sup> | EN 1849-2    |
| Tensile strength MD / CD                       | 285 / 165                          | N/50mm           | EN 12311-1   |
| Elongation MD / CD                             | 70 / 90                            | %                | EN 12311-1   |
| Tear Resistance MD / CD                        | 125 / 120                          | N                | EN 12310-1   |
| Sd value                                       | 0.029                              | m                | EN ISO 12572 |
| 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                                  | Install as per BS 5534 UV Guidance |                  |              |



Use the QR code to link direct to the product webpage.



## Other Notes:

- Ensure that a Novia Air & Vapour Control Layer, such as **Novia® 500g, 1000g or 1200g** (virgin grade polythene AVCLs) or **Novia® 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%.
- Ensure that sufficient ventilation is incorporated to comply with all relevant building regulations.
- Always handle material carefully to prevent tears and punctures. Repair any on-site damage with Novia tapes.
- All Novia products should be stored horizontally, indoors and out of direct sunlight. External storage must be on a temporary basis. When stored externally, Novia products should be covered and protected from exposure to weather conditions, especially wind, rain, frost and UV. Pallets should not be stacked.

NOTE: COSHH safety datasheets available upon request.

Date Published: V2, September 2025. Novia's most recently published datasheet supersedes any previous versions which may still be in circulation.

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