



FlamePro A1 FR

A1 Fire Rated Air & Vapour Control Layer
Technical Information

Novia® FlamePro A1 FR is a premium quality, high performance, reflective Air & Vapour Control Layer (AVCL) and is A1 fire rated. **Novia® FlamePro A1 FR** complies with EN 13501-1 Fire Classification A1 and is approved for use in high rise applications. **Novia® FlamePro A1 FR** has excellent moisture vapour resistance, and is suitable for use in any insulated wall or roof application where high moisture vapour resistance is required. Due to the use of high performance materials, **Novia® FlamePro A1 FR** will provide a very low moisture vapour permeability solution, but is also airtight, which improves the thermal performance of the building. The product is reflective on one side, white on the reverse, with no text or images.

	Value	Units	Tolerance	Test Method
Standard Width	1.48	m	-2% / +2%	
Roll Length	50	m	-2% / +10%	
Roll Weight	21.5	kg		
Nominal weight	270	g/m ²	-2% / +10%	EN 1849-2
Tensile strength MD / CD	>2200 / >1600	N/50mm		EN 13859-1 (Annex A)
Elongation MD / CD	>3 / >2	%		EN 13859-1 (Annex A)
Tear resistance MD / CD	>215 / >200	N		EN 13859-1 (Annex B)
Water vapour permability in Sd	5000	m		EN 1931
Resistance to water penetration	Pass			EN 1928
Reaction to fire	A1	Class		EN 13501-1

Product Specification:

- 1.48m x 50m wide roll
- Weight 270g/m²
- Fire Classification A1; glass fibre & aluminium foil
- UKCA/CE Not applicable
- Installation Tapes: **Novia® 30mm wide Double-Sided Butyl Tape¹**, **Novia® 96mm wide BS 476 Cold Weather Aluminium Foil Lap Tape** and **Novia® Airseal 310 FR AVCL sealant**.

¹ Novia double sided butyl tape is not fire rated, but tapes & sealants are excluded under relevant sections of "Fire Safety: Approved Document B".

Key Features:

- 74m² roll size
- 270g/m² premium quality product
- EN 13501-1 Fire Classification A1
- Suitable for use in standard and high rise applications
- Low moisture vapour permeability which minimises interstitial condensation
- Airtight, which improves thermal performance, reducing energy costs
- Helps towards BS 5250 requirements

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



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NOTE: COSHH safety datasheets available upon request.

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