



INTELLO® PLUS is a market leading Intelligent Air Barrier (IAB) installed on the inside of the insulation. This IAB improves interior airtightness of the building providing optimal protection against condensation, mould and structural damage while maximising the performance of the thermal insulation.

INTELLO® PLUS should NOT be used as an alternative to vapour permeable weather resistive barrier installed on the outside of the insulation layer. INTELLO® PLUS performs optimally in cold and temperate climate. This IAB is not suitable for high humidity environments such as the tropics or applications like swimming pools, steam rooms, saunas, etc.

- ✓ Optimal protection against structural damage and mould
- ✓ Maximises interior airtightness and insulation performance
- ✓ Promotes superior drying capacity with Hydrosafe® technology
- ✓ Highly diffusion-resistant in winter
- ✓ Superior back-diffusion* capacity in summer



09 2026

Your local support

1800 PRO CLIMA (776 254)

Technical: support@proclima.com.au | General: welcome@proclima.com.au

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Technical Data

Protective and covering fleece:	Polypropylene		
Membrane:	Polyethylene copolymer		
Reinforcement:	Polypropylene non-woven fabric		
Duty Classification	Light wall	AS 4200.1	
Vapour control classification:	Class 2 - Class 3 (Variable)	AS 4200.1	
Surface weight:	110 ± 20 g/m ²	EN 1849-2	
Thickness:	0.4 ± 0.15 mm	EN 1849-2	
Flammability index:	< 5	AS 1530.2	
Temperature resistance:	-40 °C to +80 °C		
Heat shrinkage @ 70°C:	MD / LD	0.0% / 0.8%	ASTM D1204
S _d value, equiv. air layer thickness:	0.25 - >25 m		EN ISO 12572
Vapour permeance:	0.8 - <0.008 µg/N·s		
Edge tear:	MD / LD	373 / 258 N	TAPPI T470
Tensile strength:	MD / LD	7.9 / 5.3 kN/m	AS 1301.448s
Burst strength:	395 N		AS 2001.2.19
Air control:	Air resistance	≥ 0.1 MN·s/m ³	ISO 5636.5, BS 6538.3
	Classification	Air barrier	AS 4200.1
	< 0.055 m ³ / (m ² ·h·50 Pa)		EN 12114
Electrical conductivity:	Electrically non-conductive		AS 4200.1

INTELLO® PLUS UTILISES HYDROSAFE® TECHNOLOGY: The S_d at 70% RH falls between > 1.5 m and < 2.5 m

*back-diffusion refers to the summer condition when water vapour can migrate from outside to inside. Vapour is forced to the relatively cool inside by high external humidity and/or moisture from damp claddings combined with high external temperatures.

IMPORTANT INFORMATION

- This product should not be exposed to UV or water during the construction or operation of the building.
- Class 2 to Class 3 humidity-dependent vapour control layer and air barrier.
- This product is deemed non-combustible[^] as it is less than 1mm thick and has flammability index less than 5.
- Lowest VOC rating in hazardous substance test (ISO 16000).
- Protected winter building sites thanks to Hydrosafe® behaviour.

[^]According to:

NCC 2019 Vol 1 C1.9 (e)(vi) & NCC 2019 Vol 2 3.7.1.1(f)

NCC 2022 Vol 1 C2D10 (6)(f) & NCC 2022 Vol 2 H3D2 (1)(f)

NCC 2025 Vol 1 C2D10 (6)(f) & NCC 2025 Vol 2 H3D2 (1)(f)

INTELLO® PLUS is an air barrier with humidity-dependent vapour control function, forming part of an intelligent airtightness system when joints and junctions are sealed with the relevant tapes and sealant technologies like TESCON® VANA, TESCON® PROFIL, ORCON® CLASSIC, ORCON® MULTIBOND, KAFLEX and ROFLEX.

The INTELLO® PLUS humidity-variable response is achieved by the polyethylene copolymer laminated on spun bonded polypropylene and reinforced with polypropylene mesh.

INTELLO® PLUS should be laid with the plastic film (the printed side) facing the installer. Airtight seals can only be achieved when INTELLO® PLUS is installed without folds, creases or tears.

This product is suitable for use in BAL regions up to and including BAL FZ in accordance with AS 3959.

Delivery Form

ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
15468	20 m	1.50 m	30 m ²	4	1
11367	50 m	1.50 m	75 m ²	9	1
13590	50 m	3.00 m	150 m ²	18	1

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