



Connection Solution for INTELLO® IAB System

INTELLO® conneX is the missing link for your Intelligent Air Barrier (IAB) system. It is designed to ensure the continuity of the INTELLO® and INTELLO® PLUS IAB system at internal/external wall and midfloor junctions. With humidity-variable functionality and UV stability for up to 90 days, it ensures the IAB system will perform for the life of the building.

- ✓ Solves the problem of challenging airtightness junctions
- ✓ Humidity variable functionality utilising Hydrosafe® technology
- ✓ UV stable for up to 90 days of exposure
- ✓ Available in multiple widths for differing applications



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Your local NZ support
0800 PRO CLIMA (776 254)
Technical: support@proclima.co.nz
General: welcome@proclima.co.nz
www.proclima.co.nz

Your local AU support
1800 PRO CLIMA (776 254)
Technical: support@proclima.com.au
General: welcome@proclima.com.au
www.proclima.com.au





Technical Data			
Cover-fleece + protective-layer:	PP microfibre fleece		
Membrane:	PE copolymer		
UV stability and outdoor exposure:	90 days		
Duty classification:	Light Duty		
Vapour classification:	Class 2 – Class 3	(Vapour Variable Function)	
S _d value, equiv. air layer thickness:	0.25 -> 25 m	EN ISO 12572 (equiv. 1.25-125 MN.s/g)	
Vapour permeance:	0.0709 µg/N.s	ASTM E96 B, AS/NZS 4200.1-2017	
Thickness:	< 1mm		
Flammability index:	< 5	AS 1530.2-1993	
Temperature resistance:	-40 °C to +80 °C		
Edge tear:	MD / LD	433 / 298 N	TAPPI T470
Tensile strength:	MD / LD	7.9 / 5.4 kN/m	AS 1301.448s-1991
Water control:	Pass (> 100 mm)		AS/NZS 4201.4-1994
	Water barrier		AS/NZS 4200.1-2017
Emittance:	Front / Back	0.9 / 0.9	AS/NZS 4200.1-2017
	Classification	NN	AS/NZS 4200.1-2017
Surface water absorbency:	> 150 g/m ²		AS/NZS 4201.6-1994
	High (> 100 g/m ²)		AS/NZS 4200.1-2017
Air control:	≥ 0.1 MNs/m ³		ISO 5636.5, BS 6538.3
	Air barrier		AS/NZS 4200.1-2017
Moisture shrinkage:	0.0 %		AS/NZS 4201.3
Surface weight:	300 g/m ² ± 5 g/m ²		
Electrical conductivity:	Electrically non-conductive		AS/NZS 4200.1 - 2017

PRODUCT DESCRIPTION

INTELLO® conneX is a purpose designed and formulated connection strip which can be pre-installed into difficult junctions at an early framing stage. This makes installation of complete and continuous air barrier systems easy with typical framing details.

WEATHER EXPOSURE

INTELLO® conneX is specially formulated with a protective fleece to withstand UV exposure of up to 90 days on both sides of the product. This simplifies the installation of complete and continuous air barrier systems with typical framing details.

APPLICATION NOTES

INTELLO® conneX needs to be installed at the correct stage of framing to ensure continuity of the air barrier systems. This means planning, preparing and installing this product well before INTELLO® PLUS is installed.

Delivery Form					
ID CODE	LENGTH	WIDTH	AREA	KG/ROLL	QTY
1AR02326	50 m	300 mm	15 m ²	3.6	1
1AR03352	50 m	900 mm	45 m ²	10.8	1



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