



Intelligent Air Barrier

INSTALLER QA CHECKLIST

PROJECT NAME / ADDRESS:
LEVEL / AREA:

FRAMING TYPE (✓ where applicable):	TIMBER:	STEEL:
INSULATION TYPE(s):		

FILL OUT BOXES SHADED LIGHT GREY

	Refer to INTELLO® Application Guide Step or Page	✓ if ok ✗ if N/A	Re-check required	Re-checked
PRE-INSTALLATION CHECKS				
Check fitting of insulation	Step 1			
Check surface of framing for nails, splinters and other protrusions				
Check the site is clean, joints and contact surfaces are dry and grease free				
Ensure adhesion to substrates via the Adhesion Matrix	Step 28c			
INSTALL CONNECTION STRIPS (MUST BE DONE AT FRAMING STAGE)				
Install connection strips continuously on walls & ceiling as required	Steps 15a - 15g			
Connection strip overlaps are taped behind the framing				
Connection strips are sealed to the floor underneath the bottom plate				
INTELLO® connex has not been exposed to UV and weather for more than 90 days.	N/A			
INSTALLING INTELLO®				
TIMBER FRAMING (strike out if N/A)				
Check staples haven't created holes/tears in the membrane. Repair with tape if needed	Step 4b			
Stapling done to all studs & top/bottom plates at 100 mm centres	Step 5b			
100 mm overlap on all INTELLO® sheet joints	Step 7a			
Use PRESSFIX with a firm press when installing tapes	Step 8b			
INTELLO® is covering all insulated areas as required	Step 9			
ORCON® CLASSIC beads are 5 mm minimum and not pressed flat	Steps 11a - 11b			
INTELLO® is relaxed into internal corners with no bridging	Steps 13a - 13d			
Battens / top hats are installed as needed for a service cavity in front of INTELLO®	Step 24			
When direct fixing interior linings, INSTAABOX is used behind all flush boxes	Step 25			
INTELLO® is sealed to other floor/wall/ceiling substrates with TESCON® VANA tape or ORCON® CLASSIC	Steps 11a - 15g			
For blown-in insulation, check INTELLO® PLUS is stapled at 50 - 100mm centres to all framing, and that puncture holes are repaired with TESCON® VANA tape post application	Page 14			



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	Refer to INTELLO® Application Guide Step or Page	✓ if ok ✗ if N/A	Re-check required	Re-checked
STEEL FRAMING (strike out if N/A)				
DUPLEX double-sided tape applied to all framing	Step 6			
100 mm overlap on all INTELLO® sheet joins	Step 7a			
Use PRESSFIX with a firm press when installing tapes	Step 8b			
INTELLO is covering all insulated areas	Step 9			
ORCON® CLASSIC beads are 5 mm minimum and not pressed flat	Steps 11a-11b			
INTELLO® is relaxed into internal corners with no bridging	Steps 13a-13d			
Battens are installed as needed for a service cavity in front of INTELLO®	Step 24			
When direct fixing interior linings, INSTAABOX is used behind all flush boxes	Step 25			
INTELLO® is sealed to other floor/wall/ceiling substrates with TESCON® VANA tape or ORCON® CLASSIC	Steps 11a - 15g			
For blown-in insulation, check INTELLO® PLUS (not INTELLO®) is stapled at 50 - 100 mm centres to all framing, and that puncture holes are repaired with TESCON® VANA tape post application	Page 14			
WINDOWS & DOORS OPENINGS, AND OTHER PENETRATIONS THROUGH INTELLO				
Tapes are fully adhered to windows and INTELLO® membrane	Steps 17a - 17b			
ROFLEX grommets used to seal all conduits and pipes going through INTELLO®	Steps 18a - 19d			
KAFLEX mono/duo used to seal round cables penetrating INTELLO®	Steps 20a - 20c			
KAFLEX multi used to seal multiple cables/lines penetrating INTELLO®	Steps 22a - 23b			
KAFLEX POST used to seal triflex cables & pre-installed cables	Steps 21a - 21d			
All cuts and damage to the INTELLO® repaired using TESCON® VANA tape	n/a			
Check no angle grinders, blow torches and heat guns are used near the membrane	Page 14			
Seal other penetrations such as beams & ducting with TESCON® PROFIL	Steps 27a - 27f			
QUALITY CONTROL & AIR LEAKAGE TESTING				
Check all INTELLO® is battened at max 500mm centres, to support the membrane during the WINCON or Blower Door test	Step 28f			
Use a Blower Door to test the air leakage of the envelope upon completion of INTELLO® installation. Record findings against specified leakage target (if required).	RESULT:			
NOTES:				
INSTALLER/COMPANY NAME:				
INSTALLER SIGNATURE:		DATE:		

** This checklist is intended to be used for internal Quality Assurance purposes, or as a record of work for the main contractor/client.*

** Installation of INTELLO® is the responsibility of the installer, and not Pro Clima NZ Ltd nor Pro Clima Australia Pty Ltd.*

** For all questions relating to installation of INTELLO®, please contact Pro Clima - NZ: 0800 PRO CLIMA (776 254) | AUS: 1800 PRO CLIMA (776 254)*

** This checklist applies to both INTELLO® and INTELLO® PLUS unless otherwise stated.*

** New Zealand: INTELLO® and INTELLO® PLUS are available. | Australia: INTELLO® PLUS is available.*

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