## **Inspection Template: Pre Lining**



## **General Information**

Listed below are the inspection elements and prompts within each element. Please note that not all elements will be relevant for your project. The inspection will remain 'in progress' until all elements within the inspection type are completed and passed, and this may require multiple inspections.

For the inspection to take place, please ensure that all consent documentation is available on site including all approved (stamped) documents, Building Consent (Form 5), Inspections and General Information.

1. Building		
1.1 Building Exterior	<ul> <li>Cladding complete or</li> <li>Rigid or flexible air barrier on, joints taped</li> <li>Roof on, flashings completed</li> </ul>	
1.2 Framing and Bracing	<ul> <li>1.2.1 Bracing Elements</li> <li>Ensure bracing is not compromised</li> <li>Ceiling diaphragm brace framing completed (solid packing rafters to ceiling battens)</li> <li>No meter boxes, distribution boxes, data boxes etc. in bracing elements</li> <li>1.2.2 Moisture Content</li> <li>Moisture content (sample readings taken)</li> <li>If close no fail as directive to hold of lining until level drops</li> </ul>	
	If close no fail as directive to hold of lining until level drops     1.2.3 Ceiling Battens	
1.3 Intertenancy Fire Walls	<ul> <li>1.3.1 Intertenancy Walls</li> <li>System identified</li> <li>Correct Gib Fixed (type + thickness first layer)</li> <li>Fixings used</li> <li>Terminated correctly at the roof line</li> <li>Terminated correctly at the exterior wall</li> <li>Terminated correctly at the soffit</li> <li>Fire stopping completed (first layer)</li> <li>Intumescent pads and metal flush boxes in place</li> </ul>	
	1.3.2 Intertenancy Ceilings  System identified Ceiling framing complete Fire rated lining fixed (first layer) Fixings used Terminated correctly at the external wall line Fire stopping (first layer)	
1.4 Boundary Fire Walls	<ul> <li>System identified</li> <li>Correct product Fixed (type + thickness first layer)</li> <li>Fixings used</li> <li>Terminated correctly at the roof line/parapet</li> <li>Terminated correctly at the wall ends</li> <li>Fire stopping completed (first layer)</li> <li>Intumescent pads and metal flush boxes in place</li> </ul>	

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1.5 Insulation	<ul> <li>1.5.1 Insulation Installed</li> <li>Fitted correctly (Air seal system complete, Window and door reveals screwed/nailed correctly)</li> <li>Ceilings</li> <li>Walls</li> <li>Subfloor</li> <li>Thermal envelope has been identified</li> <li>Ceiling rating value</li> <li>Subfloor rating value</li> <li>Walls rating value</li> <li>Walls rating value</li> <li>1.5.2 Windows and exterior doors</li> <li>1.5.3 Garage <ul> <li>Included in the building envelope</li> <li>Insulation has been fitted correctly</li> <li>Services box thermal break provided</li> </ul> </li> </ul>
1.6 Ventilation	<ul> <li>Previsions made for ducting where required</li> <li>Kitchen, bathrooms, laundry etc</li> </ul>
1.7 Wet Areas	<ul> <li>Flooring substrate as per plan (Timber floors)</li> <li>Metal corners fitted (Tiled showers)</li> </ul>
2. Plumbing	
2.1 Water and Wastes	2.1.1 Water  Pipework material and size  Jointing  Support  Notching/penetrations of timber framing  Pressure Test on (photo to be provided)  Frost Protection (pipes insulated outside of the building thermal envelope)  Shutoff Valve (if provided)  2.1.2 Stack and Wastes
	<ul> <li>Pipe gradient, size, material, support</li> <li>Notching/penetrations of timber framing</li> <li>Terminal vent position, support, size, termination</li> <li>Stacks flood test on and checked (could also be air tested)</li> </ul>
2.2 Suspended Drains	2.2.1 Pipework  Pipe gradient, size, material, support  Separated from foundations have 25mm clearance  Access to drains  2.2.3 Evidence of leakage test
	2.2.2 Evidence of leakage test  Test on and holding  Test viewed  Drainlayer confirms has been on test
2.3 Hot Water Cylinder	<ul> <li>Drain Provided</li> <li>Pipes to cylinder Lagged</li> <li>Maximum run of &gt;10m hot water pipe to kitchen sink</li> </ul>
2.4 Gas Califont	<ul><li>Location of Califont</li><li>Gas bottle location</li></ul>

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3. Pre Lining	
3.1 Inbuild Fire	<ul> <li>3.1.1 Internal Checks</li> <li>Manufactures install instructions provided</li> <li>Front cover off (Linings off and able to see around fire box)</li> <li>Clearances around fire to combustible materials as per manufacturers specifications</li> <li>Ventilation to fire and around fire box to manufacturer's instructions</li> <li>Seismic restraint installed</li> <li>Furnishings, fittings clear if fire</li> <li>Mantel Clearance</li> <li>3.1.2 Flue / Chimney</li> <li>Correct clearances maintained to beams, rafters, purlins, roof insulation and roofing underlay</li> <li>Adequate ventilation provided to chimneys</li> </ul>
	<ul> <li>3.1.3 External Checks</li> <li>Flashed to roof cladding and is watertight</li> <li>Flue cowling in place and at the correct height</li> <li>Chimney vented</li> <li>Chimney cap timber separated by thermal insulating material</li> </ul>

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