

# AXON™ PANEL INSTALLATION CHECKLIST

## IMPORTANT NOTES:

- All sections of this checklist should be completed in full.
- Careful adherence to technical specification literature is critically important for completing Axon Panel cladding construction. The construction shall comply with requirements of building consent. Any variation made should be informed to the BCA.
- If you have any queries please Ask James Hardie™ on 0800 808 868.

### PROPERTY

Owner :

Address: \_\_\_\_\_  
\_\_\_\_\_

### BUILDER/INSTALLER

Contact Name:

\_\_\_\_\_

Company Name:

\_\_\_\_\_

Company Address:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Telephone No:

\_\_\_\_\_

Date Completed:     /     /

### PAINTER FOR AXON PANEL:

Contact Name:

\_\_\_\_\_

Company Name:

\_\_\_\_\_

Company Address:

\_\_\_\_\_

\_\_\_\_\_

Telephone No:

\_\_\_\_\_

Date Completed:     /     /

## BUILDER / INSTALLER SECTION

### SCOPE PRE-CHECK

<b>i</b>	Wind zone (per NZS 3604)	L	M	H	VH
<b>ii</b>	Foundation type	Concrete		Timber	
<b>iii</b>	Floor Joist	Standard Joist		Engineered Joist (type)	
<b>iv</b>	Highest point of cladding above ground				
<b>v</b>	Areas of specific engineering design not covered by product literature.				
<b>vi</b>	DP number / Permit number	DP		Permit	
<b>vii</b>	TA/Certifier Issuing Office	Office		Phone	

### FRAMING

	ITEMS TO BE CHECKED	PLS TICK	NOTES
<b>1</b>	External timber framing is treated to min H1.2 treatment levels.		
<b>2</b>	H3.1 framing timbers is used on walls which are exposed to the exterior on both sides.		
<b>3</b>	Timber framing set out.		
<b>4</b>	Moisture contents in Timber framing $\leq$ 24%.		
<b>5</b>	Framing straightness. Nogs flush with studs, and studs flush with top and bottom plates.		
<b>6</b>	Axon Panel direct fixed- The Framing overhangs concrete slab by 6mm.		
<b>7</b>	Risk Score North Elevation ..... / South Elevation ..... East Elevation ..... / West Elevation .....		
<b>8</b>	Cavity Construction - The cavity construction method is to be used where the risk score is 7 or higher to comply with E2/AS1 of New Zealand Building Code. Cavity battens installed in accordance with Axon Panel technical specification.		
<b>9</b>	Check framing spacing and section as per technical literature		
<b>10</b>	Additional framing provided if required for Bracing Systems, and Fire and Acoustic systems.		

### BUILDING WRAP

<b>11</b>	Which Building Wrap is used (Building Wrap should comply with E2/AS1)		
<b>12</b>	Building wraps to be lapped / installed as per E2/AS1.		
<b>13</b>	Building wraps to be cut and dressed into all sides of wall openings as per E2/AS1.		

## FLASHINGS

	ITEMS TO BE CHECKED	PLS TICK	NOTES
14	Flexible flashing tapes to be applied to sill framing and head framing as per E2/AS1		
15	Head and sill flashings to be provided as per technical specification.		
16	Top of walls must have cap flashings		

## SHEET FIXING AND SET OUT

17	Timber frame moisture content must not exceed 24% at the time of fixing the Axon Panel.		
18	Axon Panels to be installed dry.		
19	Vertical joins have Inseal 3259 behind.		
20	Panel fixing carried out as per Axon Panel technical specification literature.		
21	Fixings – Type - (Stainless steel / Galvanised Nails) Size - Nails		
22	Bracing systems and fire and acoustic systems fixing requirements followed as per relevant James Hardie technical literature.		
23	Minimum clearance to paved or unprotected ground as required by NZS 3604 and E2/AS1		
24	The panels overhang the bottom plate on a concrete slab by a minimum of 50mm as required by E2/AS1.		
25	<b>6mm</b> anticapillary gap between the back of sheet and concrete foundation in direct fixed applications.		
26	Minimum 10mm cover under the Window flange.		
27	Minimum clearance of 50mm from the top of decks / apron flashings etc.		

## WINDOW AND DOOR INSTALLATION

	ITEMS TO BE CHECKED	PLS TICK	NOTES
28	Flashings required as per Axon Panel technical specification.		
29	Inseal used to seal the joinery jamb flanges to the cladding sheet at the openings. 10x19 Inseal is suitable for most window frames. Check any special requirement by window manufacturer.		
30	For claddings without a cavity, at the sill a gap of 5mm must be left between the window flange and the sill flashing. For claddings fixed on a cavity, the window flange is sealed with the cladding.		
31	An air seal provided at the rear of the window reveal.		
32	Window and door penetrations treated as specified in standard details.		
33	Head flashings extend past window edge 20mm each side		

Please ensure that the 'painter' is given this checklist on completion of the builders Section.  
Paint systems must be applied in accordance with manufacturers instructions.

## COATING APPLICATORS SECTION

### FINISHING PRECHECK

34	Timber frame moisture content not exceeding 20%, prior to painting the Axon Panel.		
35	Base sheets are dry prior to commencement of painting.		
36	No nails in the groove of panel.		
37	Nails finished flush with panel surface.		

### FINISHING – PAINT SYSTEMS

38	Paint manufacturer (all components from same system)	
39	Paint system	
40	Colour	
41	Coating completed to paint manufacturers specifications and recommendations.	
42	Panels coated within 90 days of installation.	