

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 Scyon® Axon® Panel cladding construction. The construction shall comply with requirements of building consent. Any variations made should be approved by the BCA prior to work being undertaken.
- If you have any queries please Ask James Hardie™ on 0800 808 868.

PROPERTY

Owner :

Address:

BUILDER/INSTALLER Name

Company Name:

Company Address:

Telephone No:

Date Completed: / /

BUILDER / INSTALLER SECTION

SCOPE PRE-CHECK

i	Wind zone (per NZS 3604)	L	M	H	VH	EH
ii	Foundation type	Concrete		Timber		
iii	Floor Joist	Standard Joist		Engineered Joist (type)		
iv	Highest point of cladding above ground / No. of Storeys					
v	Areas of specific engineering design not covered by product literature, if any					
vi	DP number / Building Consent number	DP		Consent Number		
vii	BCA Office	Office		Phone		

FRAMING

	ITEMS TO BE CHECKED	PLS TICK	NOTES
1	External wall timber framing is treated to min H1.2 treatment levels. Specify if any other treatment to be used.		
2	Timber framing set out. Ie. Stud spacing and nog spacing		
3	Timber frame moisture content must be as per NZS 3602 at the time of fixing the Axon Panel.		
4	Framing straightness. Nogs flush with studs, and studs flush with top and bottom plates.		
5	Axon Panel direct fixed- The Framing overhangs concrete slab by 6mm.		
6	Risk Score North Elevation / South Elevation..... East Elevation / West Elevation		
7	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.		
8	Timber Framing fixed in accordance with NZS 3604 and project specification. Check for extra fixings that may be required for Bracing Systems and Fire and Acoustic systems.		

BUILDING UNDERLAY

9	Which Building Underlay is used (Building Underlay should comply with E2/AS1)		
10	Building underlays to be lapped / installed as per E2/AS1.		

RAB BOARD

11	Design wind pressures		
12	RAB Board installed in accordance with James Hardie Rigid Air Barriers Installation Manual		
13	Tape installed over RAB Board vertical joints and openings in accordance with James Hardie Rigid Air Barriers Installation Manual.		

FLASHINGS

14	Head and sill flashings to be provided as per figures in technical specification.		
15	Top of walls and junctions etc must be flashed appropriately.		

CLD STRUCTURAL CAVITY BATTEN AND AXON PANEL FIXING

16	6mm anticapillary gap between the back of sheet and concrete foundation in direct fixed applications. 6mm anticapillary gap between the back of CLD Structural Cavity Batten and concrete foundation in fibre cement cavity batten fixed applications.		
17	CLD Structural Cavity battens installed over studs in accordance with Axon Panel technical specification.		
18	Fixing centers for CLD Structural Cavity Battens		
19	Moisture content in timber framing before cladding installation must not exceed 20%		
20	Axon Panels to be installed dry.		
21	Panel installation, flashings are as per Axon Panel technical specification		
22	Panel fixing carried out as per Axon Panel technical specification literature.		
23	Fixings – Type - (Stainless steel / Galvanised Nails) Size - Nails		
24	Minimum clearance provided to paved or unprotected ground as required by NZS 3604 and E2/AS1		
25	The panels overhang the bottom plate on a concrete slab by a minimum of 50mm as required by E2/AS1.		
26	Minimum clearance of 50mm from the top of decks / apron flashings etc.		

WINDOW AND DOOR INSTALLATION

27	Flashings installed as per Axon Panel technical specification literature and project specific requirements.		
28	Minimum 10mm cover under the window flange at jamb and sill.		
29	An air seal provided at the rear of the window reveal.		
30	Window and door penetrations treated as specified in standard details and project specifications.		
31	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.

FINISHING APPLICATORS SECTION

FINISHING PRECHECK

32	Base sheets are dry prior to commencement of painting.		
33	No nails in the groove of panel.		
34	Nails finished flush with panel surface.		

FINISHING – PAINT SYSTEMS

35	Paint manufacturer (all components from same system)	
36	Colour	
37	Coating completed to paint manufacturers specifications and recommendations.	
38	Panels coated within 90 days of installation.	