Installation Checklist

CLD™ Structural cavity Batten

IMPORTANT NOTES:

- All sections of this checklist should be completed in full.
- Careful adherence to technical specification literature is critically important for completing Stria™ Cladding with CLD™ Structural Cavity Batten 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 details

Owner :

Address: _____

_____

Builder/installer name:		
Company name:		
Company address:	Installer type: (Circle applicable)	LBP LBP No.
Telephone No:		Member of Building Trade
Date completed: / /	*Please specify*	

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 Stria Cladding.		
4	Framing straightness. Nogs flush with studs, and studs flush with top and bottom plates.		
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 the New Zealand Building Code. Cavity battens installed in accordance with Titan Facade 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.		

Flexible underlay

	ITEMS TO BE CHECKED	PLS TICK	NOTES
9	Which flexible underlay is used (flexible underlay should comply with E2/AS1)		
10	Flexible underlays to be lapped/installed as per E2/AS1.		

HomeRAB Pre-Cladding/RAB Board

	ITEMS TO BE CHECKED	PLS TICK	NOTES
11	HomeRAB™ Pre-Cladding/RAB™ Board to be kept dry and under cover		
12	Design wind pressures		
13	HomeRAB Pre-Cladding/RAB Board installed in accordance with James Hardie Rigid Air Barriers Installation Manual		
14	Tape installed over HomeRAB Pre-Cladding/RAB Board vertical joints and openings in accordance with James Hardie Rigid Air Barriers Installation Manual.		

Flashings

	ITEMS TO BE CHECKED	PLS TICK	NOTES
15	Flexible flashing tapes to be applied to window sill framing and head framing as per E2/AS1 when flexible underlay used.		
16	Flexible flashing tapes to be applied to entire opening when HomeRAB Pre-Cladding/RAB Board used.		
17	Head and sill flashings to be provided as per figures in technical specification.		
18	Top of walls and junctions etc must be flashed appropriately.		

CLD Structural Cavity Batten and Stria Cladding fixing

	ITEMS TO BE CHECKED	PLS TICK	NOTES
19	**6mm** anticapillary gap between the back of CLD™ Structural Cavity Batten and concrete foundation in fibre cement cavity batten fixed applications when batten installed to bottom of panel.		
20	CLD Structural Cavity battens installed over studs in accordance with Titan Facade Panel technical specification.		
21	Fixing centers for CLD Structural Cavity Battens		
22	Moisture content in timber framing before cladding installation must not exceed 20%		
23	Stria Cladding to be installed dry.		
24	Panel installation, flashings are as per Stria Cladding technical specification		
25	Panel fixing carried out as per Stria Cladding technical specification literature.		
26	Fixings – Type – Brad Nails Size -		
27	Minimum clearance provided to paved or unprotected ground as required by NZS 3604 and E2/AS1		
28	The panels overhang the bottom plate on a concrete slab by a minimum of 50mm as required by E2/AS1.		
29	Minimum clearance of 50mm from the top of decks / apron flashings etc.		

Window and door installation

	ITEMS TO BE CHECKED	PLS TICK	NOTES
30	Flashings installed as per Stria Cladding technical specification literature and project specific requirements.		
31	Minimum 10mm cover under the window flange at jamb and sill.		
32	A gap of 5mm must be left between the back of window flange and the face of sheet.		
33	An air seal provided at the rear of the window reveal.		
34	Window and door penetrations treated as specified in standard details and project specifications.		
35	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 the manufacturer's instructions.

FINISHING APPLICATORS SECTION

Finishing pre-check

	ITEMS TO BE CHECKED	PLS TICK	NOTES
36	Base sheets are dry prior to commencement of painting.		
37	No nails in the groove of panel.		
38	Brad Nails finished flush with panel surface.		
39	Brad nail filling, if required, is exterior grade building filler. Fillers sanded smooth to finish flush with façade panel surface		

Finishing – Paint systems

	ITEMS TO BE CHECKED	PLS TICK	NOTES
42	Paint manufacturer (all components from same system)		
43	Colour		
44	Coating completed to paint manufacturers specifications and recommendations.		
45	Panels coated within 90 days of installation.		

DECLARATION

I/we ..... have installed the Stria Cladding as per James Hardie Stria Cladding CLD Structural Cavity Batten Technical Specification current at the time of construction.

Signed by: ....

Print Name *Signed Name*

Dated: