

TITAN[®] FAÇADE PANEL AND CLD[®] STRUCTURAL CAVITY BATTEN 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 Titan Facade Panel with CLD Structural Cavity Batten cladding construction. The construction shall comply with requirements of building consent. Any variation made should be informed to 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					
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. I.e. Stud spacing and nog spacing		
3	Timber frame moisture content as per NZS 3602 at the time of fixing the Titan Façade Panels.		
4	Framing straightness. Nogs flush with studs, and studs flush with top and bottom plates.		
5	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

6	Which building underlay is used <i>(building underlay should comply with E2/AS1)</i>		
7	Building underlays to be lapped / installed as per E2/AS1.		

RAB BOARD

8	Design wind pressures		
9	RAB Board installed in accordance with James Hardie Rigid Air Barriers Installation Manual		
10	Tape installed over RAB Board vertical joints and openings in accordance with James Hardie Rigid Air Barriers Installation Manual.		

FLASHINGS

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

CLD STRUCTURAL CAVITY BATTEN AND TITAN FAÇADE PANEL FIXING

13	6mm anticapillary gap between the back of CLD Structural Cavity Batten and concrete foundation in fibre cement cavity batten fixed applications.		
14	CLD Structural Cavity battens installed over studs in accordance with Titan Façade Panel / CLD Structural Cavity Batten technical specification.		
15	Fixing centers for CLD Structural Cavity Battens		
16	Timber frame moisture content as per NZS 3602 at the time of fixing the Titan Façade Panels.		Moisture content in timber framing before cladding installation must not exceed 20%
17	Titan Façade Panels to be installed dry.		
18	Horizontal and Vertical joints installed as per technical specification.		
19	Sheet fixing carried out as per Titan Façade Panels / CLD Structural Batten technical specification literature.		

20	6mm thick bead of Seal 'N' Flex – 1 or SikaFlex 11FC is used at vertical sheet joints between Titan Façade Panel and CLD Structural Cavity Batten.		
21	Fixings – Type – (Brad Nails / Annular Threaded Fibre Cement nails / Pan or Wafer head exposed Screws or Countersunk Screws) Size - Nails / Screws		
22	Minimum clearance to paved or unprotected ground as required by NZS 3604 and E2/AS1		
23	The sheets overhang the bottom plate on a concrete slab by a minimum of 50mm as required by E2/AS1.		
24	Minimum clearance of 50mm from the top of decks / apron flashings etc.		

WINDOW AND DOOR INSTALLATION

25	Flashings installed as per Titan Façade Panels / CLD Structural Batten technical specification literature and project specific requirements.		
26	Minimum 10mm cover under the window flange at jamb and sill.		
27	Window and door penetrations treated as specified in standard details and project specifications.		
28	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 coating products and systems must be applied in accordance with manufacturers' instructions.

FINISHING APPLICATORS SECTION

FINISHING PRECHECK

29	Base sheets are dry prior to commencement of painting.		
30	Brad and Annular Grooved Nails finished flush with façade panel surface Countersunk Screws finished 1.5 – 2mm below façade panel surface.		
31	Brad nail filling, if required, is exterior grade building filler. Countersunk Screw hole filling is Nuplex Fairing Cream or similar. Fillers sanded smooth to finish flush with façade panel surface		

FINISHING – PAINTING SYSTEMS

32	Paint Manufacturer (all components from same system)		
33	Colour		
34	Coating completed to paint manufacturers specifications and recommendations.		
35	Panels coated within 90 days of installation.		