Installation Checklist to Top Hat

IMPORTANT NOTES:

- All sections of this checklist should be completed in full.
- Careful adherence to technical specification literature is critically important for completing ExoTec™ Facade Panel Top Hat 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: LBP

(Circle applicable)   LBP No.

Telephone No: Member of Building Trade

Date completed: /   /   *Please specify*

BUILDER / INSTALLER SECTION

Scope pre-check

		L	M	H	VH	EH
i	Wind zone (per NZS 3604)					
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	Check the framing layout. ExoTec Top Hat Sections are best suited for fixing into horizontal framing etc. Bottom plate, horizontal girts and top plates etc. External wall timber framing is treated to min H1.2 treatment levels. Specify if any other treatment to be used.		
2	The horizontal spacing of framing/girts. Check Table 1 for allowable framing and Top hat section and span as per Table		
3	Moisture content in timber framing before cladding installation must not exceed 20%.		
4	Framing straightness. Nogs flush with studs, and studs flush with top and bottom plates.		
5	Top Hat Sections installed in accordance with ExoTec Facade Panel Top Hat Rainscreen technical specification.		
6	Check Top Hat spacing and span as per Table 1 or 2 of technical literature		
7	Layout of top Hat Sections to be panned as per the location of vertical joints.		
8	Fastener selection to fix ExoTec Top Hat Section to framing as per Table 3.		

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 building 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.		

Panel Fixing and set out

	ITEMS TO BE CHECKED	PLS TICK	NOTES
19	ExoTec Facade Panels to be installed dry.		
20	Expressed Vertical and Horizontal Joints installed as per technical specification.		
21	Panel fixing carried out as per ExoTec Facade Panel Rainscreen technical specification literature.		
22	Panel Fixings, spacings as per Table 4 of ExoTec Facade Panel Top Hat technical specification: Type - class 3/class 4 screws Size -		
23	Minimum clearance to paved or unpaved ground as required by NZS 3604 and E2/AS1.		
24	The bottom edge of ExoTec Facade Panels must have minimum clearance of 50mm from the top of decks/ apron flashings etc.		
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

	ITEMS TO BE CHECKED	PLS TICK	NOTES
27	Flashings installed as per ExoTec Facade Panel technical specification literature and project specific requirements.		
28	Minimum 10mm cover under the window flange at jamb and sill.		
29	A gap of 5mm must be left between the back of window flange and the face of sheet.		
30	An air seal provided at the rear of the window reveal.		
31	Window and door penetrations treated as specified in standard details and project specifications.		
32	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
33	Base sheets are dry prior to commencement of painting.		
34	Countersunk Screws finished 1.5 – 2mm below facade panel surface		
35	Countersunk Screw hole filling is Nuplex Fairing Cream or similar, sanded smooth to finish flush with facade panel surface.		

Finishing – Paint Systems

	ITEMS TO BE CHECKED	PLS TICK	NOTES
36	Paint manufacturer (all components from same system)		
37	Colour		
38	Total DFT of paint system is not less than 150 microns		
39	Coating completed to paint manufacturers specifications and recommendations.		
40	Panels coated within 90 days of installation.		

Declaration

I/we .... have installed the ExoTec Facade Panel as per James Hardie ExoTec Facade Panel Top Hat Technical Specification current at the time of construction.

Signed by: ....

Print Name   *Signed Name*

Dated: