

EXOTEC[®] FAÇADE PANEL TOP HAT RAINSCREEN 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 ExoTec Facade Panel Top Hat 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) / Wind pressure	L	M	H	VH	EH		
ii	Type of Structure	Concrete			Timber		Steel	
iii	Floor Height							
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	Check the framing layout. ExoTec Top Hat Sections are best suited for fixing into horizontal framing et. 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		

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 and their manufacturers instructions.		

RAB BOARD

11	Design wind pressures		
12	RAB Board installed in accordance with Rigid Air Barriers installation manual.		
13	Tape installed over joins in accordance with Rigid Air Barriers installation manual.		

ITEMS TO BE CHECKED

PLS
TICK

NOTES

FLASHINGS

14	Flexible flashing tapes to be applied to window sill framing and head framing as per E2/AS1 when building underlay used.		
15	Flexible flashing tapes to be applied to entire opening when RAB Board used.		
16	Head and sill flashings to be provided as per drawings		
17	Top of walls must have cap flashings		

PANEL FIXING AND SET OUT

18	ExoTec Façade Panels to be installed dry.		
19	Expressed Vertical and Horizontal Joints installed as per technical specification.		
20	Panel fixing carried out as per ExoTec Façade Panel Rainscreen technical specification literature.		
21	Panel Fixings, spacings as per Table 4 of ExoTec Façade Panel Top Hat technical specification – Type – (class 3 / class 4 Screws) Size - Screws		
22	Minimum clearance to paved or unpaved 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	The bottom edge of ExoTec Façade Panels must have minimum clearance of 50mm from the top of decks / apron flashings etc.		

WINDOW AND DOOR INSTALLATION

25	Flashings required as per project specific requirements		
26	Window and door penetrations treated as specified in project specifications		

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

	ITEMS TO BE CHECKED	PLS TICK	NOTES
26	Base sheets are dry prior to commencement of painting.		
27	Countersunk Screws finished 1.5 – 2mm below façade panel surface		
28	Countersunk Screw hole filling is Nuplex Fairing Cream or similar, sanded smooth to finish flush with façade panel surface		

FINISHING – PAINT SYSTEMS

29	Paint Manufacturer (all components from same system)	
30	Colour	
31	Total DFT of paint system is not less than 150 microns	
32	Coating completed to paint manufacturers specifications and recommendations.	
33	Panels coated within 90 days of installation.	