

# TITAN<sup>®</sup> / EXOTEC<sup>®</sup> FAÇADE PANEL 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/ExoTec Facade Panel 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

<b>i</b>	Wind zone (per NZS 3604)	L	M	H	VH	EH
<b>ii</b>	Foundation type	Concrete		Timber		
<b>iii</b>	Floor Joist	Standard Joist		Engineered Joist (type)		
<b>iv</b>	Highest point of cladding above ground / No. of Storeys					
<b>v</b>	Areas of specific engineering design not covered by product literature, if any					
<b>vi</b>	DP number / Building Consent number	DP		Consent Number		
<b>vii</b>	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. le Stud spacing and nog spacing		
3	Timber frame moisture content must be as per NZS 3602 at time of fixing the Titan/ExoTec Façade Panels.		
4	Framing straightness. Nogs flush with studs, and studs flush with top and bottom plates.		
5	Cavity Construction – Timber Cavity Battens installed in accordance with Titan/ExoTec Facade Panel Rainscreen technical specification.		
6	Cavity Batten Spacers installed in accordance with Titan/ExoTec Facade Panel technical specification.		
7	Check framing spacing and section as per technical literature		
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 Rigid Air Barriers installation manual.		
13	Tape installed over joins in accordance with Rigid Air Barriers installation manual.		

## FLASHINGS

14	Flexible flashing tapes to be applied to sill framing and head framing as per E2/AS1 when building paper 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		

## ITEMS TO BE CHECKED

PLS  
TICK

## NOTES

**SHEET FIXING AND SET OUT**

<b>18</b>	Moisture content in timber framing before cladding installation must not exceed 20%		
<b>19</b>	Titan/ExoTec Façade Panels to be installed dry.		
<b>20</b>	Expressed Joints installed as per technical specification.		
<b>21</b>	Sheet fixing carried out as per Titan/ExoTec Façade Panel Rainscreen technical specification literature.		
<b>22</b>	Fixings – Type – (Stainless steel / Galvanised Nails or Exotite Screws) Size - Nails / Screws		
<b>23</b>	Minimum clearance to paved or unprotected ground as required by NZS 3604 and E2/AS1		
<b>24</b>	The sheets overhang the bottom plate on a concrete slab by a minimum of 50mm as required by E2/AS1.		
<b>25</b>	The bottom edge of Titan/ExoTec Façade Panels must have minimum clearance of 50mm from the top of decks / apron flashings etc.		

**WINDOW AND DOOR INSTALLATION**

<b>26</b>	Flashings required as per project specific requirements		
<b>27</b>	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
<b>28</b>	Base sheets are dry prior to commencement of painting.		
<b>29</b>	Nails finished flush with façade panel surface Screws finished 1.5 – 2mm below façade panel surface		
<b>30</b>	Screw hole filling is Nuplex Fairing Cream or similar, sanded smooth to finish flush with façade panel surface		

### FINISHING – PAINT SYSTEMS

<b>31</b>	Paint Manufacturer (all components from same system)	
<b>32</b>	Colour	
<b>33</b>	Total DFT of paint system is not less than 150 microns	
<b>34</b>	Coating completed to paint manufacturers specifications and recommendations.	
<b>35</b>	Panels coated within 90 days of installation.	