

Quality Assurance Checklist

Hermpac Bevelback and Rebated Bevelback Weatherboard Cavity System

Project Name

Project Address

Initial Check done by

Date

Revision Check done by

Date

To be read in conjunction with NZS3604:2011 and Hermpac Documentation: Construction drawings, Bevelback and Rebated Bevelback Installation Specification, BRANZ Appraisal 663 (2014) and CodeMark Certificate GM-CM30038 Aluminium Joinery to NZBC:4211 and material compatibility as per NZBC E2/AS1 Tables 20 and 21.

	PLEASE TICK <input checked="" type="checkbox"/>	OK	REQUIRED	RECHECK	DATE
Framing checks					
Ensure framing is straight and true. Framing tolerances must comply with the requirements of NZS3604:2011.					
Studs as per design specification and NZBC (or at max. 600mm centres).					
Nogs/Dwangs as per design specification and NZBC (or at max. 800mm centres).					
Wind loading & wall underlay - as per NZBC E2/AS1					
Wind Loading up to, and including 'Very High' - flexible or rigid underlay - installed in accordance with manufacturer's instructions and in accordance with E2/AS1.					
Wind Loading 'Extra High' - a rigid wall underlay overlaid with a flexible wall underlay, or using proprietary RAB system in accordance with E2/AS1.					
SED or Specific Design wind pressures up to and including a design differential of 2.5kPa ULS - proprietary RAB system installed in accordance with manufacturer's instructions.					
Cavity battens					
Non structurally fixed - Either Cavibat Polypropylene fluted battens or Merchant Grade batten (min. H3.1 treated) Radiata Pine at 600mm centres (max).					
Non structural fixing - Tack in place with 40x2.5mm hot dip galvanised flat head nails, 50x2.8mm or 60x2.8mm hot dip galvanised gun nails or Stainless Steel clouts (to temporary fix) - fix to all studs at 600mm (max).					
Install vertically at all internal and external details. Fit to support corner flashing.					
Flashings					
Hermpac Aluminium flashings to all internal and external corners. Ensure you have the correct size flashing. Ref: HC-BEVEL-300-401					
Apply a continuous bead of sealant to the face of the flashing along the fixing line if the nail is going to penetrate the flashing. eg. (Bostik Seal 'N' Flex FC, Sikaflex AT Facade).					
Cavity closure					
The selected cavity closure strip must be installed so a minimum 15mm drip edge to the bottom of the weatherboards is maintained at all times.					

PLEASE TICK ✓

	OK	REQUIRED	RECHECK	DATE
FIXING WEATHERBOARDS				
Nails to be pilot drilled on a slight up-slope with a hole slightly smaller than that of the nail.				
Single face fix the weatherboards and line nails vertically up boards at 600mm max centres horizontally and located no closer than 32mm (where practical) from the end of the board.				
Finish flush onto the surface of the weatherboard - ref: HC-BEVEL-410.				
Bevelback weatherboards - face nail fixing 35-40mm above the bottom of the weatherboard and must be overlapped a minimum of 32mm.				
Rebated Bevelback weatherboards - face nail fixing 30-35mm above the bottom of the weatherboard and must be overlapped a minimum of 25mm with an expansion gap of 2mm at the overlap between boards.				
Ensure all fixings achieve minimum penetration requirements - refer Hermpac Installation Specification or Construction Drawings for details.				
Note: specific requirements for CedarOne and paint finished weatherboards. Refer to Installation Specification and Construction Drawings prior to commencing installation.				
Sealing weatherboards				
Coating all six sides of the weatherboards prior to installation. (if not coated via Machinecoat NZ Ltd).				
Double seal all cut edges, ends or fresh cut timber with selected oil stain.				
Apply second and subsequent coatings on site as per coating manufacturer's specification.				
Note: specific requirements for CedarOne and paint finished weatherboards. Refer to Installation Specification and Construction Drawings prior to commencing installation.				
Corner mouldings, scribes, cappings				
Internal corners as per construction drawings HC-BEVEL-300-303.				
External corners as per construction drawings HC-BEVEL-400-401.				
Sole mechanical support can be achieved with a pre-drilled and suitably placed Hermpac nail. The requirement for a continuous bead of sealant as detailed in 'Flashings' above still applies.				
Sealant options for Wood-X Cedar Oil, Traditional Oil Stains or Waterborne Oil Stains include Bostik Seal N Flex FC or Sikaflex AT Façade (NB: for other stains please check with the manufacturer to determine the most suitable sealant).				
Check all eaves moulding, scribes and cappings.				
Clearances				
The weatherboards must overhang the floor structure by a minimum of 50mm as required by NZBC Acceptable Solution E2/AS1, Table 18.				
Ensure minimum ground clearances are observed: Bottom of weatherboards to finish 35mm clear of finished deck surface, 100mm above paved surfaces or 175mm above unprotected ground (other surfaces ref: E2/AS1 9.1.3.3).				
At deck or low pitch roof/wall junctions, the bottom edge of the weatherboards must be kept clear of any adjacent surface, or above the top surface of any adjacent roof flashing by a minimum of 35mm.				
Scarf Joins				
Scarf the weatherboard at 30° over a cavity batten and fix as per HC-BEVEL-413.				
Inter-storey junctions				
Inter-storey drained joints must be constructed as per HC-BEVEL-412.				
Aluminium joinery				
All joinery and associated detailing and flashings must be installed in accordance with manufacturer's instructions, in accordance with NZBC E2/AS1, paragraph 9.1.6 and as per construction drawings HC-BEVEL-200-212.				
Health & Safety				
Cutting of Hermpac weatherboards must be carried out in well ventilated areas. Dust masks, eye and hearing protection must be worn.				
Maintenance				
Maintenance schedule provided to homeowner on completion of project.				

This is a guide only, designed to assist contractors during installation.
Contractors must always follow the instructions provided within the Hermpac Installation Specification and construction details.



For further information please contact us
technical@hermpac.co.nz

Auckland
09 421 9840

Wellington
04 586 9674

Christchurch
03 341 2163