Hermpac

BRANZ Appraised 658 (2014)

CodeMark 30036/30037/30038

Quality Assurance Checklist
Hermpac Rusticated, Splaycut & Multi-Splay 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, Rusticated, Splaycut and Multi-Splay Installation Specification, BRANZ Appraisal 658 (2014) and CodeMark Certificate GM-CM30037
Aluminium Joinery to NZBC:4211 and material compatibility as per NZBC E2/AS1 Tables 20 and 21.

PLEASE TICK ✓	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				
Rusticated - Hermpac Aluminium flashings to all internal and external corners. Ensure you have the correct size flashing. Refer construction drawings HC-RUST-300, 302,307,310-402, 404,405.				
Splaycut & Multi-Splay - Hermpac Aluminium flashings to all internal and external corners. Ensure you have the correct size flashing. HC-SPLAY-300-303 and 400-401.				
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.				

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.

PEFC PEFC/01-31-237

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Premium timbers that don't cost the earth

Auckland
110 Foundry Rd, Silverdale.
PO Box 35-209, Browns Bay,
Auckland 0753
p. 09 421 9840 **f.** 09 426 7638

Wellington
160 Gracefield Rd, Seaview.
PO Box 38-123, Wellington Mail Centre,
Lower Hutt 5045
p. 04 586 9674 **f.** 04 586 9675

Christchurch
27 Nga Mahi Road, Sockburn.
PO Box 8822, Riccarton,
Christchurch 8440
p. 03 341 2163 **f.** 03 341 2173

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PLEASE TICK ✔	OK	REQUIRED	RECHECK	DATE
FIXING WEATHERBOARDS				
Fix Hermpac clinch nail to the hidden lap of the weatherboard at every cavity batten – refs: HC-RUST-410 OR HC-SPLAY-410 OR HC-SPLAY-410A. Recommended for all installations, mandatory for installations in "Extra High" wind zones and above.				
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.				
Ensure set out of weatherboards allows for 2mm expansion gap between lapped boards.				
Rusticated and Splaycut - Place face nail fixing 30-35mm above the bottom of the weatherboard lap, at 600mm max centres horizontally and located no closer than 32mm (where practical) from the end of the board and finish flush onto the surface of the board – ref: HC-RUST OR HC-SPLAY-410.				
Multi-Splay - Place face nail fixing 35-40mm above the bottom of the weatherboard lap, at 600mm maximum centres horizontally and located no closer than 32mm (where practical) from the end of the board and finish flush onto the surface of the weatherboard – ref: HC-SPLAY-410A.				
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, scribers, cappings				
Rusticated – internal corners as per construction drawings HC-RUST-300, 302,307,310 and external corners as per construction drawings HC-RUST-400-405.				
Splaycut & Multi-Splay - internal corners as per construction drawings HC-SPLAY-300-303 and external corners as per construction drawings HC-SPLAY-400-401.				
Apply a continuous bead of sealant to the inside surfaces of the moulding or the faces of the flashing to which the moulding is to be bonded.				
Further or 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 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, scribers 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 30º over a cavity batten and fix as per HC-RUST-413 or HC-SPLAY-413.				
Inter-storey junctions				
Inter-storey drained joints must be constructed as per HC-RUST-412 or HC-SPLAY-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-RUST-200-210 or HC-SPLAY-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.				

Hermpac

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

Auckland 09 421 9840
Wellington 04 586 9674
Christchurch 03 341 2163