JSCTimber

JSC RusticClad
Rusticated Weatherboard System

Quality Assurance Checklist

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JR-C (cavity on wrap) and JR-RB (cavity on rigid air barrier - RAB)

1. Framing

Checks	OK	NO	Recheck	OK
Studs at all window and door openings and internal corners				
Alignment of framing – ie. studs and nogs are straight and true				
Upper framing aligning with lower framing				
Studs at 600 centres (maximum) or as per specification				
Nogs at 800mm centres (maximum) or as per specification				

2. Identify Air Seal

Building Wrap: ‹=1.5 kpa	OK	NO	Recheck	OK
Building wraps to NZBC E2/AS1, Table 23				
Building wrap fixed with staples. Fix blue band polypropylene tape vertically between studs ›300 centres or horizontally between nogs				
Repair all cuts and tears with duct tape				
Fold in around all four sides of windows				
Tape the corners and sill of each opening with tape (Protecto or PBS Butyl)				
Apply spray adhesive to building wrap before fitting tape				
Repair all damaged areas prior to closure of facade				

Eterpan Rigid Air Barrier (RAB): ›1.5kpa **›1.5kpa 4.5mm or greater ›2.7kpa 6mm or greater**	OK	NO	Recheck	OK
Fix with 40mm stainless steel clouts at 150mm centres to all nogs and studs				
Edge fixing distance: minimum 15mm				
Corner fixing distance: 100mm and 50mm minimums				
Perimeter seal with Soudal FixAll 220MS with 3mm gap between sheets or apply PBS Butyl primer and fix PBS Butyl tape to all joints OR tape or apply sealant to all vertical and horizontal joints (3M Flashing Tape 8067 or PBS Butylseal primer and PBS Butylseal tape). Prime contact area of rigid backer before fitting Butyl tape NB: Protecto tape can also be used.				
FixAll Firestop to all FRR rated walls				

If Eterpan is unsealed and will be exposed to the elements for a prolonged period, we recommend the use of SikaGard® 740w to seal eterpan sheet (as per manufacturer's specification)

3. Battens and Flashings

Fitting	OK	NO	Recheck	OK
Tack in place with 40mm stainless steel clouts or panel pins				
Horizontal battens set out: Top – 10mm below horizontal protrusion Bottom – flush with bottom plate and set back 10mm from all openings and other battens				
Vertical battens set out: Top to bottom to stud lines (600mm centres maximum) and 10mm back from windows/doors and other battens				

Fitting	OK	NO	Recheck	OK
Fit off flashings NB: Polyethylene or PVC bond break is required between H3.2 battens where in contact with aluminium flashings (as per E2/AS1, table 21)				
Vermin flashing to bottom batten (located on moulded ridge) set off 10mm from bottom edge				
Fit head flashing over windows/doors (extend past by 50mm as per E2)				
Stop end aluminum flashing as per details. Mitred joints to be back flashed and fully sealed into place				
Building wrap sits into head flashing or aluminum flashing and sealed to building wrap or rigid air barrier. Extend past jamb line by 100mm				
Horizontal above windows (JSC-H 45x20mm) fits to head flashing				
Horizontal below windows (JSC-H 45x20mm) is set down 10mm				
Vertical at windows (JSC-V-45x20mm) is set back 10mm				
Vertically to all studs at 600mm centres maximum (JSC-V 45x20mm)				
Vertical battens to all internal and external corners and all window and door jambs as per framing setout (see attached). Fit to support corrosive resistant back flashings (compatibility to E2/AS1, table 21)				
Horizontally at inter-storey. Refer specific design				

4. Fixing Cedar Cladding

Checks	OK	NO	Recheck	OK
All nail fixings pre-drilled a minimum of 1mm diameter smaller than the nail gauge with slight (2°+) upward slope				
Ensure setout of weatherboards allows for 2mm expansion gap between lapped boards				
Nails to achieve a minimum 35mm embedment into the framing				
Single face fix weatherboards at maximum 600mm centres to all vertical studs **DO NOT PIN LAPS OF WEATHERBOARDS**				
Nails fixed 35mm from bottom edge of weatherboard, with upward slope (as above)				
Line nails vertically across boards				
Weatherboards to overhang bottom plate by 50mm				
Maintain ground clearance: - bottom of weatherboards to finish 35mm clear of finished deck surface, 100mm clear of paved surfaces, 175mm above soil (other surfaces ref: E2/AS1 9.1.3.3)				
Internal corners and back flashing as per specification				
External corners and back flashing as per specification with J40, J41 or boxed corners using J121 (90x19mm) or J123 (69x19mm) boxed sections				
Ensure a gap of 5-10mm (5mm minimum) between weatherboards and head flashing				

5. JSC Cedarshield In-House Coating System

JSC CedarShield Factory Applied Coating System

Checks	OK	NO	Recheck	OK
Factory coating applied to all four sides of the weatherboard prior to delivery				
Seal all end grain and cut edges prior to installation				
Second coat applied on-site 6-10 weeks after installation (or prior to scaffolding being removed) – coating as per manufacturer's specification				

NB: No product substitutions will be accepted under the JSC Timber system except where otherwise indicated.

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Auckland: 22 Sawmill Road, Riverhead ph: 09 412 2800 | fax: 09 412 2801
Christchurch: 72 Hammersmith Drive, Wigram ph: 03 348 9726 | fax: 03 341 0257
www.jsctimber.co.nz