INFLAMED | TYPICAL VERTICAL CLADDING WALL ASSEMBLY

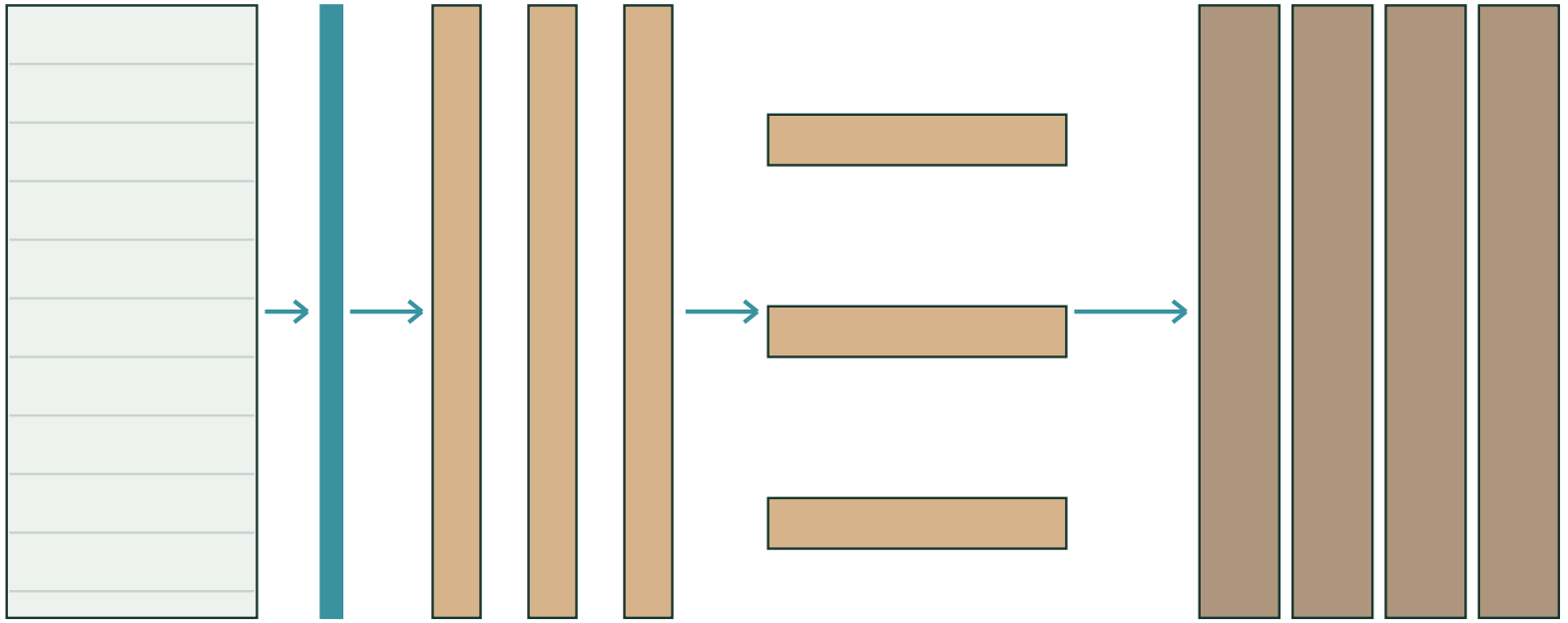
01 **WALL / SUBSTRATE**

02 **BREATHER MEMBRANE**

03 **VERTICAL BATTENS**

04 **HORIZONTAL COUNTER-BATTENS**

05 **VERTICAL CLADDING**



ORIENTATION

Vertical battens

Horizontal counter-battens

Vertical cladding

INSTALLATION PRINCIPLES

Vertical battens over the breather membrane; horizontal counter-battens support the vertical planks.

Two stainless-steel screws at each plank / horizontal counter-batten intersection.

Horizontal support rows: 500-600 mm centres, subject to project-specific verification.

Maintain continuous drainage / ventilation paths; detail cross-ventilation and openings.

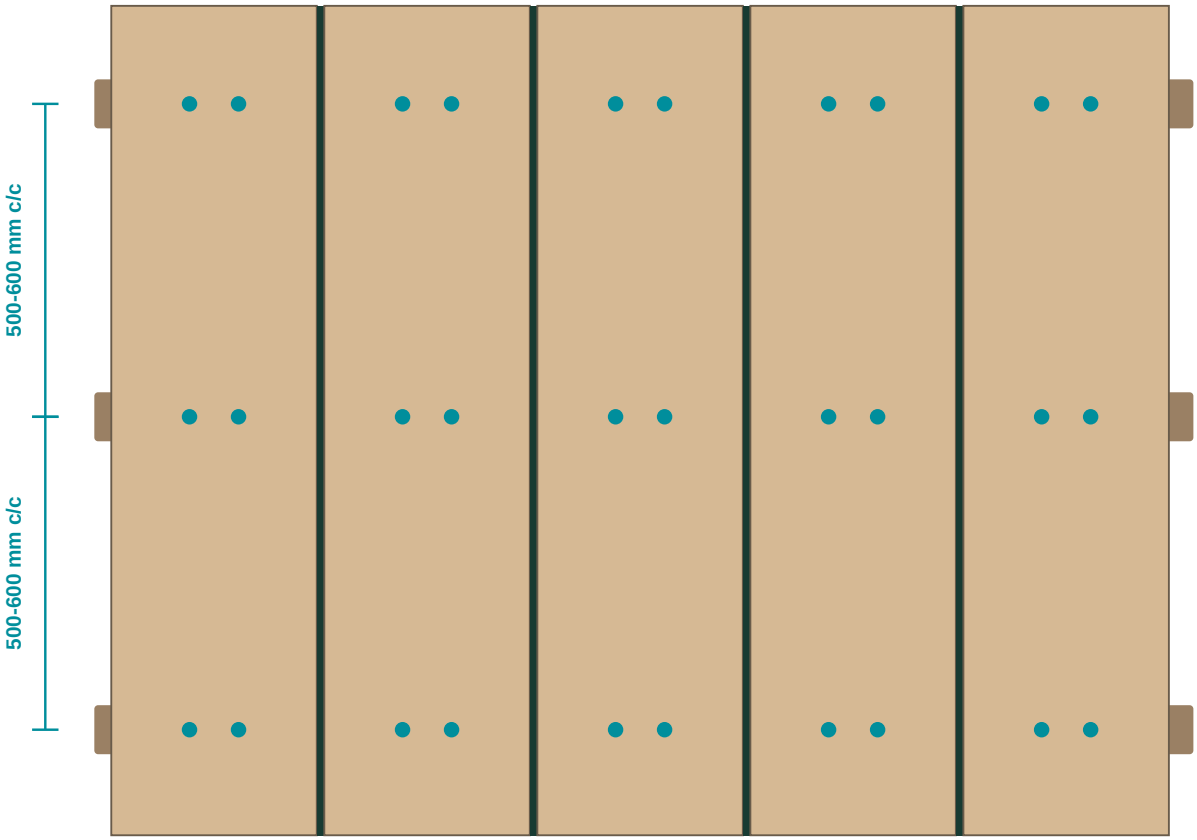
SCHEMATIC / NOT TO SCALE - Not a project-approved Building Regulations or structural detail.

Designer to verify cavity continuity, moisture management, fixings, wind loads and fire/cavity barriers.

INFLAMED / ARCHITECTURAL TECHNICAL DETAILS

02 - Typical fixing elevation / VERTICAL Shadow Gap boards

VERTICAL LARCH SHADOW GAP CLADDING



Schematic elevation: vertical boards / horizontal support battens behind
Two fixings through each board at every horizontal supporting batten

TYPICAL FIXING ARRANGEMENT

Vertical Shadow Gap boards shown schematically.
Horizontal supporting counter-battens at 500-600 mm centres.
Two stainless-steel screws per board at each support.
Screw positions indicative only; not dimensioned.
Vertical battens behind horizontal supports provide
the drainage / ventilation route (see wall assembly).

DETAILS TO CONFIRM BEFORE INSTALLATION

Exact 145 mm profile and effective cover from DWG.
Fixing edge distances, screw length and penetration.
Batten size, treatment, anchorage and wind loading.
Cladding movement and exposed-end protection.
Corners, openings, base and top termination details.
Continuous drainage, ventilation and fire barriers.

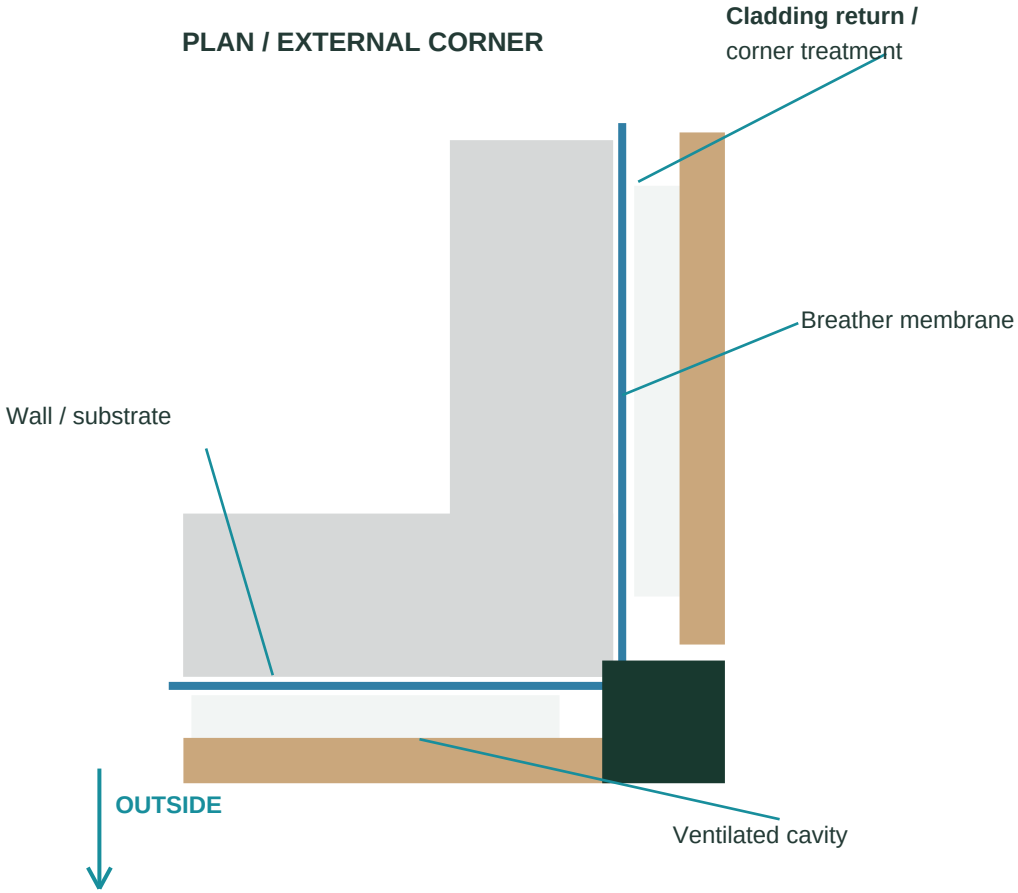
DRAWING STATUS

Manufacturer concept - coordination only.
Architect / engineer to approve project details.
NOT FOR CONSTRUCTION

INFLAMED / ARCHITECTURAL TECHNICAL DETAILS

01 - Typical external corner / plan

Vertical cladding - illustrative corner configuration



DETAIL PRINCIPLES / COORDINATION

Edge treatment

Terminate or return charred boards with an agreed corner detail / trim.

Fixing and support

Support board ends on suitable battens; verify fastener positions and edge distances.

Water management

Maintain ventilated drainage paths; do not block the cavity at the corner.

Appearance

Coordinate exposed end grain, finish and movement allowance with architect.

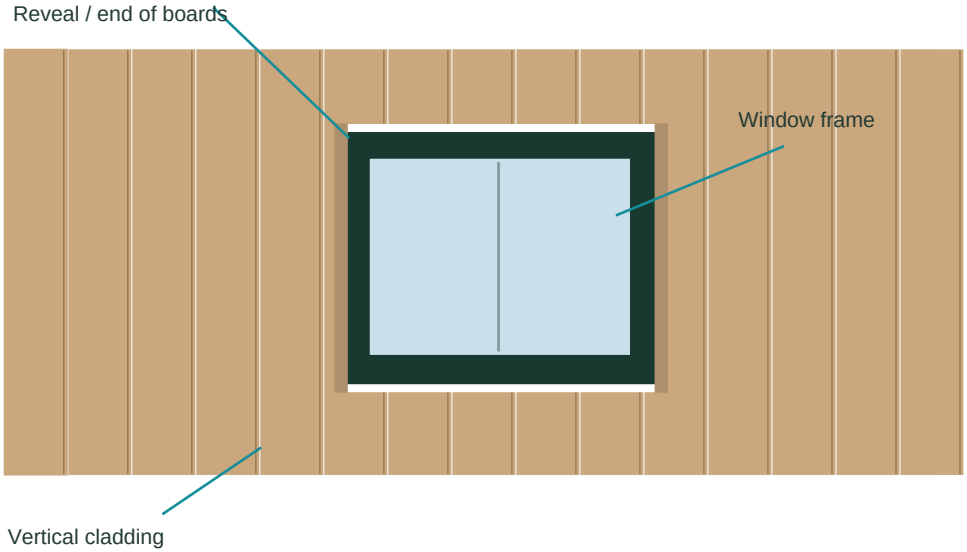
Project architect / engineer to verify junction, drainage, anchorage, membrane continuity and fire provisions.
Illustrative only; no dimensions to be scaled.

INFLAMED / ARCHITECTURAL TECHNICAL DETAILS

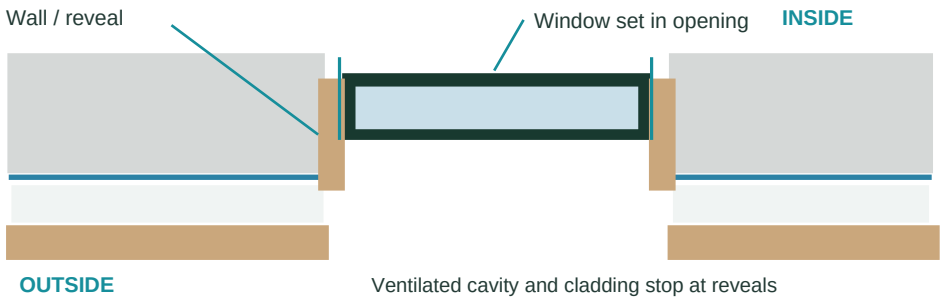
04 - Typical window jamb / opening interface

Larch Shadow Gap | KIME Black | Vertical boards | Illustrative arrangement

FRONT ELEVATION - WINDOW WITHIN CLADDING



PLAN SECTION THROUGH WINDOW - OPENING IN WALL



DETAIL PRINCIPLES / COORDINATION

Window position

Window is within a wall opening, not an external building corner. Position shown schematically only.

Jamb termination

Terminate vertical cladding at reveals; support cut board edges with battens and allow for timber movement.

Moisture protection

Return and seal breather membrane to the opening; coordinate flashings, drainage and window air/water seals.

Designer verification

Confirm frame fixing, reveal lining, cavity barriers, fire and structural requirements for the actual wall.

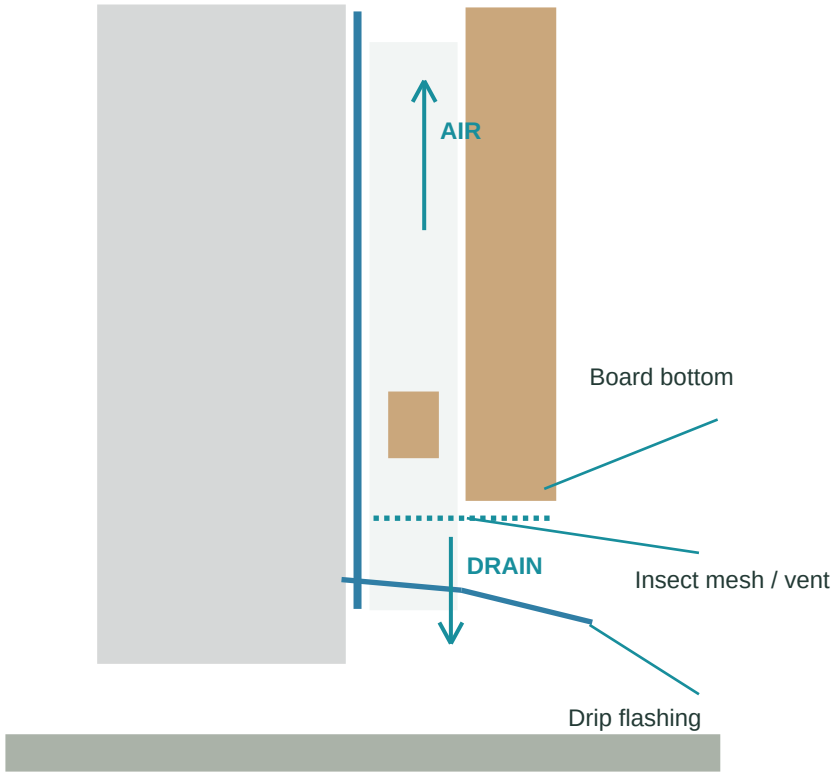
Not to scale - no dimensions to be taken

Architect / engineer to finalise project junction.

03 - Typical base termination / vertical section

Cavity drain outlet, insect mesh and board bottom clearance

SECTION / BASE OF CLADDING



DETAIL PRINCIPLES / COORDINATION

Drainage and ventilation

Provide continuous ventilated outlet with insect / vermin protection and drip detail.

Splash / clearance

Set timber end clearance above adjacent surfaces to suit exposure and standards.

Membrane termination

Lap membrane over appropriate flashing; avoid draining moisture into substrate.

Safety / structure

Confirm support at board ends, fixing location and fire barrier arrangements.

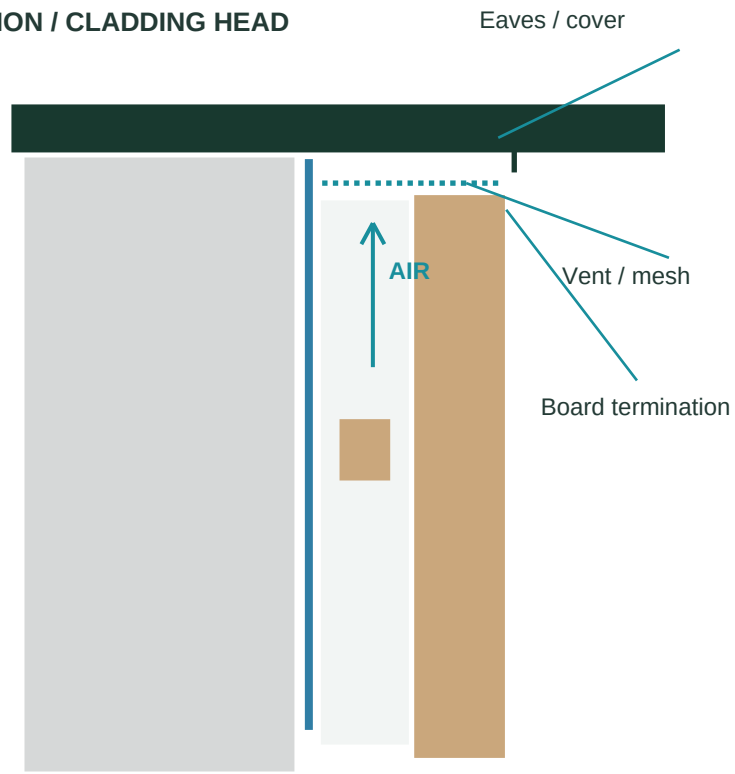
Project architect / engineer to verify junction, drainage, anchorage, membrane continuity and fire provisions.
Illustrative only; no dimensions to be scaled.

INFLAMED / ARCHITECTURAL TECHNICAL DETAILS

04 - Typical top / eaves termination

Illustrative vertical section showing upper ventilated outlet

SECTION / CLADDING HEAD



DETAIL PRINCIPLES / COORDINATION

Ventilated outlet

Maintain ventilation outlet beneath eaves or agreed head cover with insect mesh.

Weather protection

Protect upper cut ends from direct water; coordinate cover, drip and membrane laps.

Support and movement

Support / fix board ends and provide suitable movement allowance at head.

Project interfaces

Roof / parapet / soffit design and any cavity barrier to be confirmed by designer.

Project architect / engineer to verify junction, drainage, anchorage, membrane continuity and fire provisions. **Illustrative only; no dimensions to be scaled.**