



01. Pre-Install

Have wall set up with standard window tapes installed.
 Trim size: 15mm clearance all around window for installation.
 Sill may need larger install gap to achieve a minimum 45mm clearance between lower edge of aluminum face and frame in order to fit sill flashing easily.
 See clearances diagram included.



02. Sill Packing

Min 15mm packers for install gap, allowing for minimum 45mm clearance between lower edge of aluminum clip on (for WoodAlu, uPVCAlu) or window face (for uPVC, ThermalHeart) and frame in order to fit sill flashing easily.
 Fit packers 45mm back from front of frame line so they don't protrude past window frame and get in the way of installing sill flashing later on.

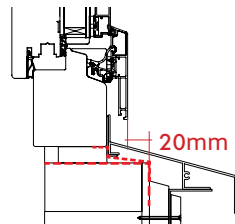


02a. Sill Packing



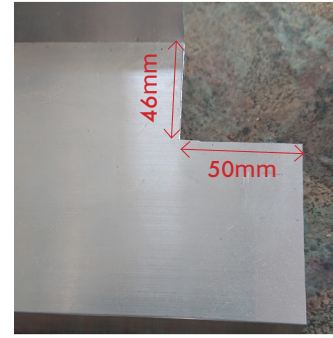
03. Window install

Install window recessed exactly 20mm inside frame line/RAB.
 Install weather tightness tapes as per usual, ensuring that tape at sill is not too tight, as sill flashing will need to tuck in under window and tape can get in the way.



04. Rebate timber frame - WoodAlu windows only

Rebate timber frame to make room for plastic RDF46 corner flashing to sit flush
 Rebate depth to be flush with timber window frame at sill, height to be 80-100mm.



05. Sill Flashing

Cut sill to length: Measure across aluminium/window face and add 120mm
 Measure & cut 46mm in from back and 50mm in from end to form check outs for RDF46 corner flashing.



6a.

Sill check out.



6b.

Sill check out.



07. Pre-Drill Sill

Pre-drill through upstand of sill flashing for fixing sill flashing to window frame.

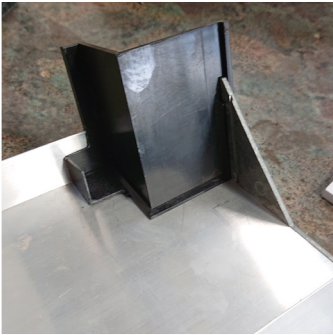
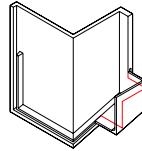
Drill 100mm in from check out, 10mm up from bottom of flange, and 5mm in diameter, every 400mm or so depending on length of flashing. Fixing will be visible.





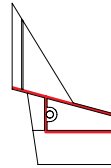
08. Trim RDF46 Corner Flashings

Trim box sections on RDF46 corner flashings to suit window.
 Height: trim to desired height between underside of window and top face of sill flashing.
 Depth: trim so that box section is flush with front face of window when installed.
 The depth may be easier to trim once the sill assembly is fixed in place.



09. Sill caps

Silicone grooves in plastic RDF46 corner flashing, and fit into place in check out.
 Silicone grooves in SEC50 sill end cap and fit in place.
 Fix end caps in place with 8x20mm ctsk screw.



09a. Sill caps



09. Sill: Pre-Install

Tape back of sill upstand with 48mm Inseal foam tape between two plastic corner flashings. Fit tape flush with top of sill flashing, fold excess under.
 Silicone where you have chiseled the window frame.
 Remove backing from foam tape.



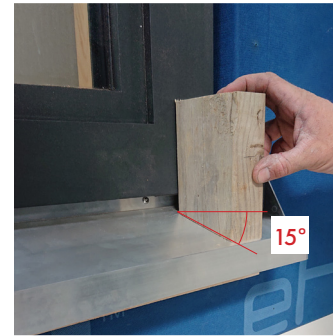
10. Sill Install

Tuck sill assembly under window and fix in place.
 Box sections on RDF46 corner flashing should sit 15mm from the edge of the aluminium face.
 Trim front of sections flush with window/aluminium face if not already done so.



11. Sill Cavity batten

Cut batten to length of sill flashing and machine to 16mm thick to allow for thickness of fixing angle to fit behind cladding.
 Fix batten under sill.
 Cut aluminium fixing angle to length of sill, and pre-drill for fixings at 300-400mm ctrs.
 Angle will be either 40mm equal angle for windows or, for doors only, 50x75mm unequal angle, which is supplied powder coated.



12. Fixing Sill

Set each end of sill flashing to 15 degree block
 Fix angle to sill and cavity batten, keeping 15 degree fall in sill flashing
 Use angle to make sure flashing is straight



12a. Fixing Sill

M4x14mm ctsk screws at 300-400mm ctrs.
 8x32mm PH SS screws at 300-400mm ctrs.



13. Jamb cavity battens

Machine 40x20mm cavity battens to 16mm thick to allow for thickness of jamb flashing to fit behind cladding.
 Cut to length: from top of black flashing to top of window.
 Fit battens to frame, battens may need to overhang window opening by up to 10mm to achieve better cover when fixing jamb flashings.
 Ensure battens sit flat to wall plane, and ensure sill and window tapes don't cause battens sit twisted or bent. Battens can require planing to get the flashing sitting tight to window, especially when there is a build up of tapes.



14. Cutting jamb flashing

Measure length of jamb flashing: from top of window to top face of sill flashing
 Bottom of jamb - Cut on 15 degree angle to match sill flashing.
 Top - Cut seen face on 15 degree angle, but don't cut all the way through fixing flange. Cut flange approx 50mm higher than cut on seen face to form an upstand.
 See cutting diagram included.



14a.

Cutting jamb flashing - sill end.
 Note: flashings should not be fixed to frame at this point.



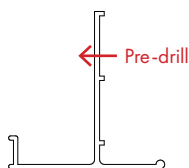
14b.

Cutting jamb flashing - head end
 Note: flashings should not be fixed to frame at this point.



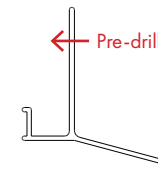
15. Pre-Drill

Use head end cap as a guide to pre-drill 5mm hole for fixing into jamb flashing.
 Pre-drill jamb flashings for fixing into batten at approx 300-400 cntrs.



16. Cut head flashing

Cut head flashing to distance between two box sections less 6mm (to allow for end caps)
 Pre-drill head flashing for fixing into batten at approx 400 cntrs

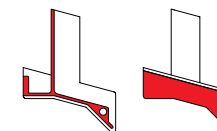


17. Head: Pre-Install

Apply 10mm Inseal foam tape to channel on back of head and jamb flashings before fitting. Remove backing tape

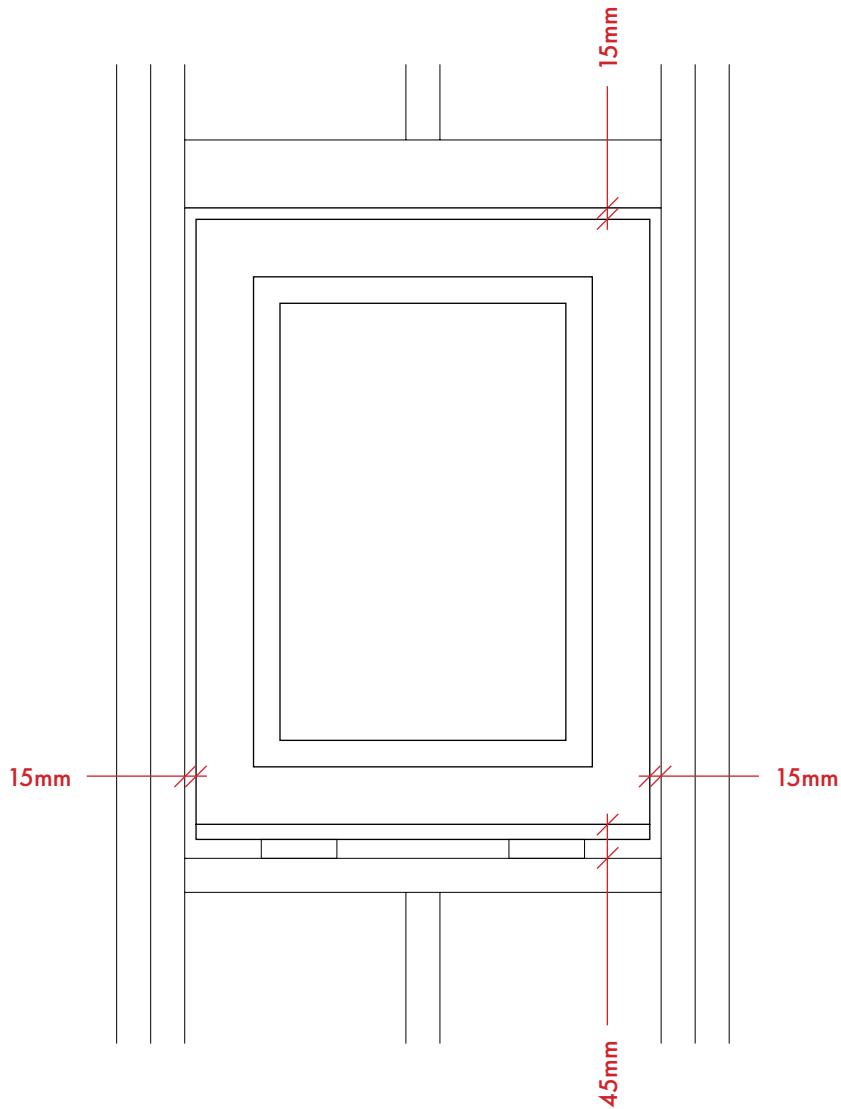
18. Head/Jamb install

Can pre build head/jamb assembly and fit as a whole, alternatively; Flashings can be fitted in individual pieces, jambs first then head flashing.
 Apply silicone in groove on head end cap and between cap and face of jamb flashing.
 Once fitted, silicone between head end cap and jamb flashing upstand.

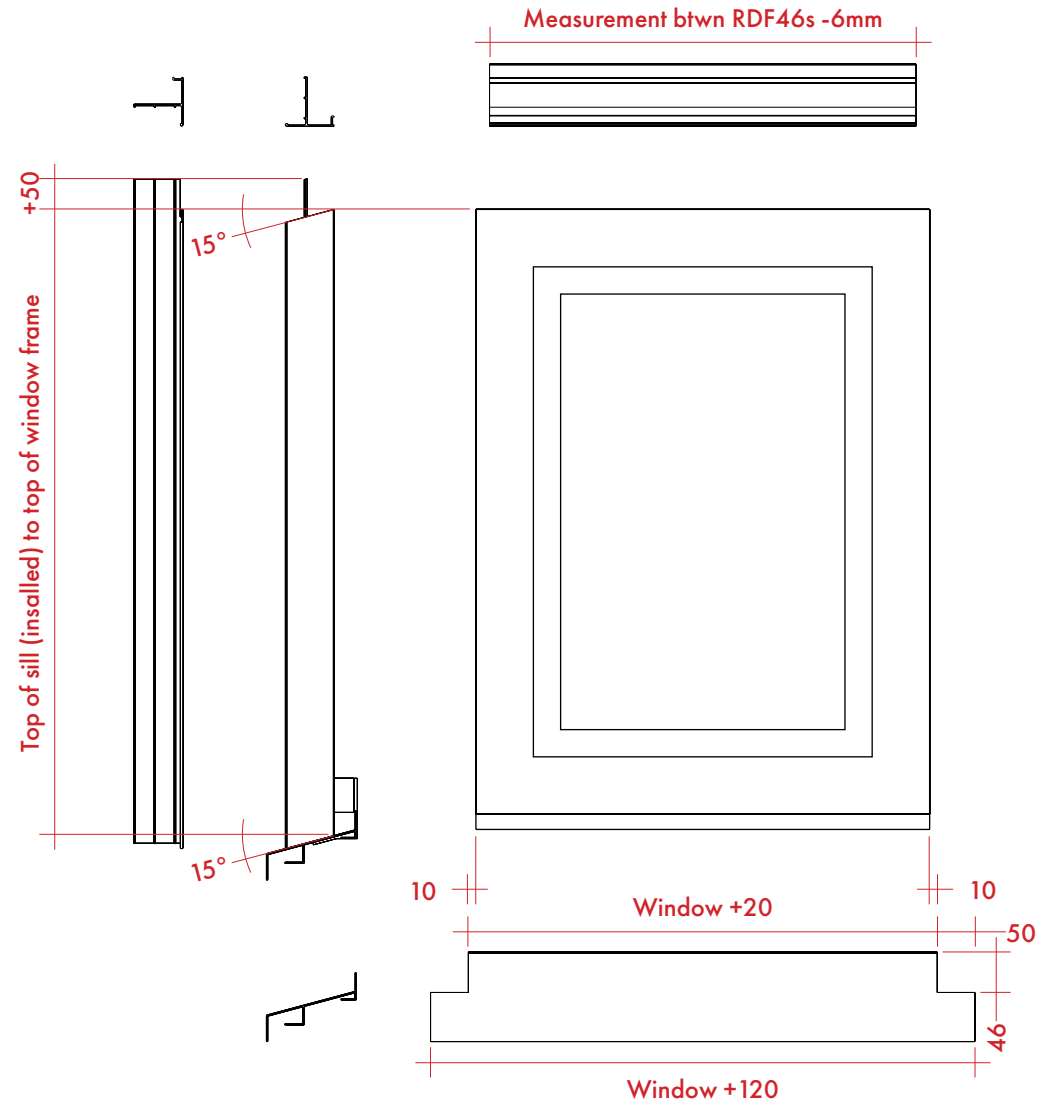


19. Fix off

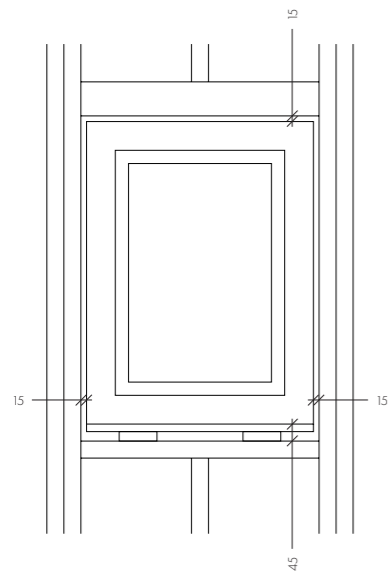
Fix off jamb and head flashings.
 Box sections on RDF46 corner flashing and jamb flashing should sit flush when fitted correctly
 Tape head flashing back to RAB/building paper.
 Fit further cavity battens around perimeter of installed flashing system in order that cladding fixings do not penetrate the flashing system.



Minimum clearances; frame to window face

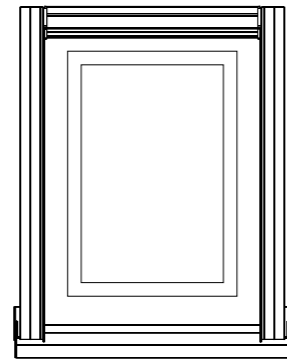


Cutting diagram



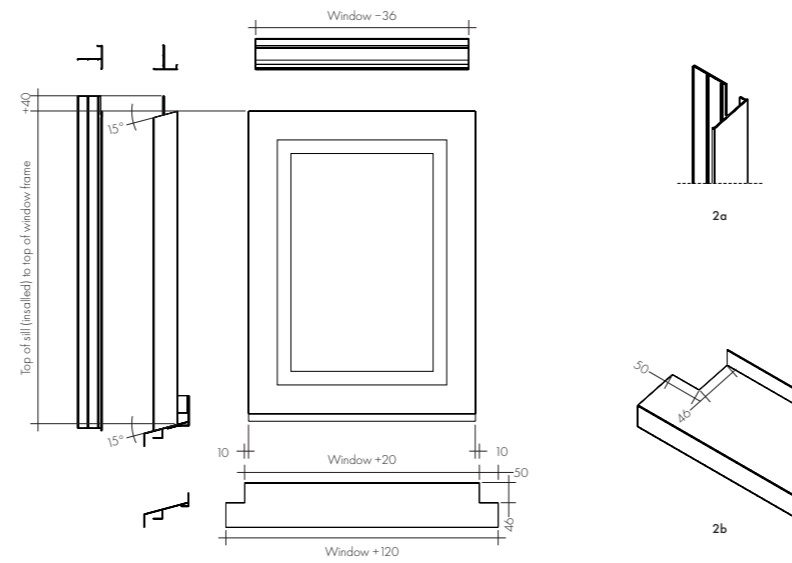
01. Minimum installation gaps to window face

Minimum 15mm from frame to window facing at head and jambs.
 Minimum 45mm from frame to window facing at sill.
 If window frame extends past facing at sides, will need to be checked out 2mm deep by 80mm high at bottom corners to allow sill assembly to fit flush.
 Ensure window packers sit flush or behind frame.

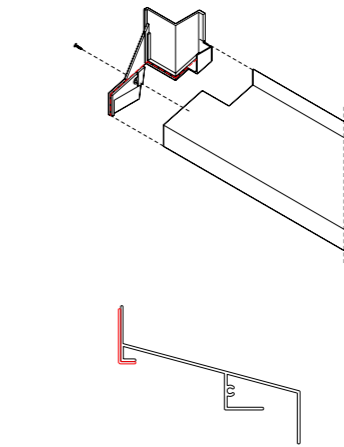
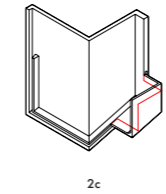


02. Cutting flashings

HEAD: Cut head flashing to window width less 36mm
SILL: Cut sill flashing to width of window + 120mm, cut 50x46mm checks from each end as shown (2b).
JAMB: Cut 15° angle in bottom of jamb flashings
 Once sill is installed, measure from top face to top of window, cut another 15° angle through only the face of jamb flashing at this length. Cut flange of jamb flashing 40mm longer, and trim off extra face, as shown (2a).

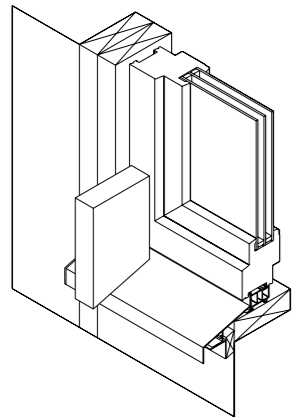


RDF46/53: Corner flashings will need to be trimmed down (as indicated 2c) to fit depending on height/depth sill is installed under window.
 Check fit of sill flashing under window and trim corner flashings to suit.
 Height: will be height from sill to window face.
 Depth: trim to sit flush with window face.
ANGLE: Cut fixing angle to total length of sill



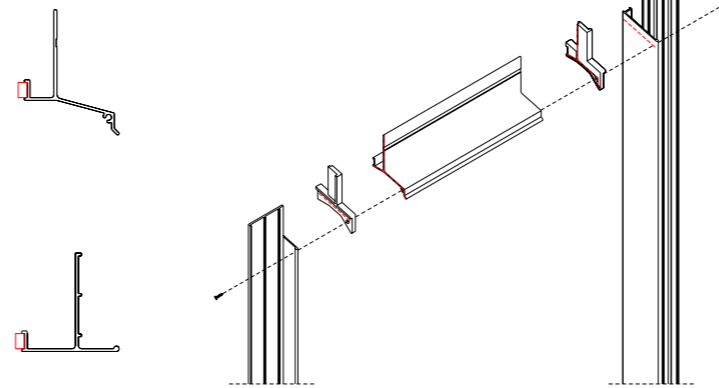
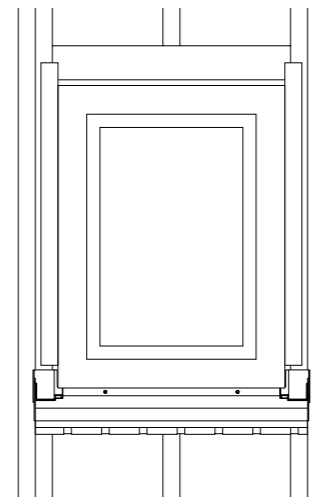
03. Sill assembly

Silicone grooves, fit SEC50/80 end caps and RDF46/53 corner flashings to Sill extrusion.
 Srew fix through SEC50/80 cap into extrusion.
 Tape along back of sill assembly with Inseal 45x1.5mm sealant tape.



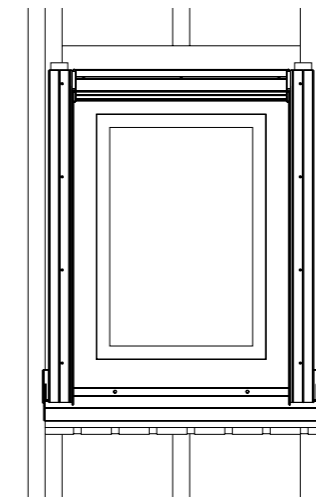
04. Sill install

Pre-drill holes through sill flange for fixing into window frame/packer.
 Rip cavity battens to 16mm thick, and fit to frames at opening's sill/jambs. Overhang jamb battens by 10-15mm, this helps hold flashings in place.
 Fit sill to window, and fix in place to window frame.
 Fix angle to sill flashing and cavity batten, use a guide to hold sill true over it's whole length.



05. Head & jamb install

Use HEC caps as guide, pre-drill holes for fixing through jamb into screwport on head flashing.
 Fix jambs, head and HEC caps together as shown.
 Tape as indicated with Inseal 10x6mm sealant tape.
 Remove tape backing and install over window, checking flashings are level/plumb.



06. Fixing

Fix jambs and head at approx 200-300cntrs.
 Tape head flashing back to RAB/building paper with flexible flashing tape.

— Sealant tapes
 - - - Silicone

© Eurotect Flashing Solutions LTD
 These details are the sole property of Eurotect Flashing Solutions Limited and may not be reproduced or distributed.

eurotect

Eurotect Flashings Install

Scale: NTS

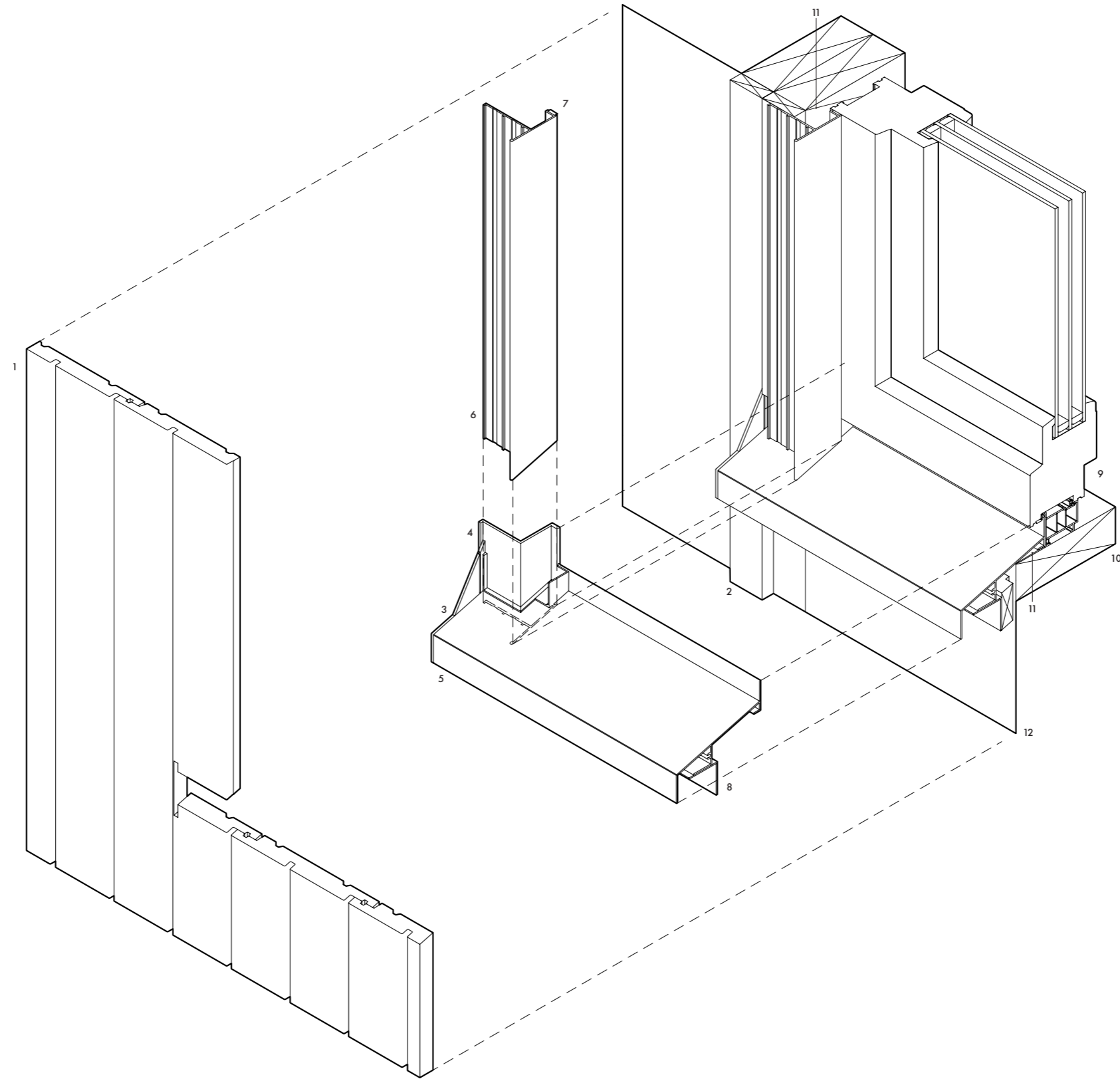
Date: 13/02/2020

Page: A_01

Drawn by: HB

Eurotect Flashing Solutions Ltd P O Box 28005, Hamilton 3256 07 210 1455

- 1 Generic cladding, checked around extrusion and end cap
- 2 45x20mm H3.2 cavity batten (horizontal runs castellated)
- 3 Eurotect SEC50L cast zinc-aluminium alloy sill end cap
- 4 Eurotect RDF46L ASA plastic corner flashing
- 5 Eurotect SILL50 extruded aluminium sill flashing, fixed to angle with 16mm self tapping screws at approx. 300 centres
- 6 Eurotect JAMB25 extruded aluminium jamb flashing
- 7 Inseal 6mm x 10mm low density PVC foam water sealing tape
- 8 40x40x1.6mm extruded aluminium angle, fixed to batten with 40mm countersunk screws at approx. 600 centres
- 9 Generic European-style window
- 10 140x45mm H1.2 framing
- 11 Pro Clima CONTEGA EXO external 3-way tape
- 12 Pro Clima SOLUTEX EXTASANA building paper



01. EXPLODED JAMB & SILL JUNCTION

© Eurotect Flashing Solutions LTD
 These details are the sole property of Eurotect Flashing Solutions Limited and may not be reproduced or distributed.

eurotect

Eurotect Flashings Install

Scale: NTS

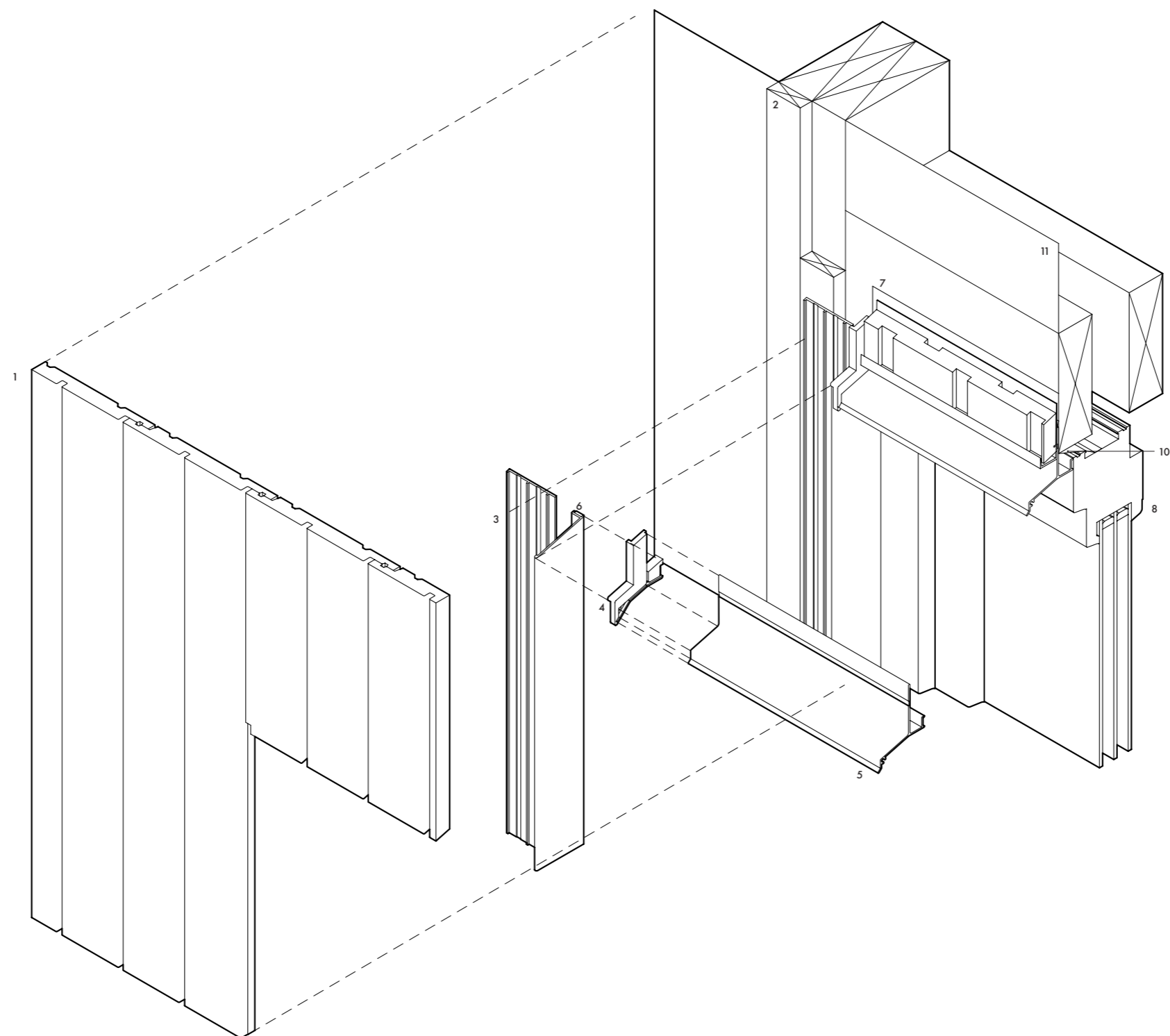
Date: 22/01/2020

Page: A_02

Drawn by: HB

Eurotect Flashing Solutions Ltd P O Box 28005, Hamilton 3256 07 210 1455

- 1 Generic cladding, checked around extrusion and end cap, with 5mm drainage gap to top of head flashing
- 2 45x20mm H3.2 cavity batten (horizontal runs castellated)
- 3 Eurotect JAMB25 extruded aluminium jamb flashing
- 4 Eurotect HEC50L cast zinc-aluminium alloy head end cap
- 5 Eurotect HEAD50 extruded aluminium head flashing, fixed to framing with 32mm PH screws at approx. 400 centres
- 6 Inseal 6mm x 10mm low density PVC foam water sealing tape
- 7 Pro Clima TESCON EXTORA weathertight sealing tape
- 8 Generic European-style window
- 9 140x45mm H1.2 framing
- 10 Pro Clima CONTEGA EXO external 3-way tape
- 11 Pro Clima SOLITEX EXTASANA building paper



01. EXPLODED HEAD & JAMB JUNCTION

© Eurotect Flashing Solutions LTD
 These details are the sole property of Eurotect Flashing Solutions Limited and may not be reproduced or distributed.

eurotect

Eurotect Flashings Install

Scale: NTS

Date: 22/01/2020

Page: A_03

Drawn by: HB

Eurotect Flashing Solutions Ltd P O Box 28005, Hamilton 3256 07 210 1455