90mm & RAB WALL FRAMING 19mm CAVITY **METAL CLADDING**

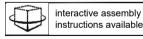
AMBIANCE

Inline Window Systems

STÄRKE

F1 **FLASHINGS**

- A1-B-35 FIXED-LITE WINDOW
- A2-B-35 AWNING OPEN OUT WINDOW
- A3-B-35 OPEN-IN / TILT & TURN WINDOW
- A4-B-35 SLIDING WINDOW
- B1-B-35 TIMBER FLOOR NON REBATED - FULL HEIGHT FIXED-LITE
- B2-B-35 TIMBER FLOOR NON REBATED - HINGED DOOR OPEN OUT
- B3-B-35 TIMBER FLOOR NON REBATED - HINGED DOOR OPEN IN
- B4-B-35 TIMBER FLOOR NON REBATED - SLIDING DOOR
- B6-B-35 TIMBER FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN OUT
- B7-B-35 TIMBER FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN IN
- C1-B-35 TIMBER MID-FLOOR SEMI REBATED - FULL HEIGHT FIXED-LITE
- C2-B-35 TIMBER MID-FLOOR SEMI REBATED - HINGED DOOR OPEN OUT
- C3-B-35 TIMBER MID-FLOOR SEMI REBATED - HINGED DOOR OPEN IN
- C4-B-35 TIMBER MID-FLOOR SEMI REBATED - SLIDING DOOR
- C6-B-35 TIMBER MID-FLOOR SEMI REBATED - LOW PROFILE HINGED DOOR OPEN OUT
- C7-B-35 TIMBER MID-FLOOR SEMI REBATED - LOW PROFILE HINGED DOOR OPEN IN
- D1-B-35 CONCRETE MID-FLOOR NON REBATED - FULL HEIGHT FIXED-LITE
- D2-B-35 CONCRETE MID-FLOOR NON REBATED - HINGED DOOR OPEN OUT
- D3-B-35 CONCRETE MID-FLOOR NON REBATED - HINGED DOOR OPEN IN
- D4-B-35 CONCRETE MID-FLOOR NON REBATED - SLIDING DOOR
- D6-B-35 CONCRETE MID-FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN OUT
- D7-B-35 CONCRETE MID-FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN IN
- F1-B-35 CONCRETE GND FLOOR NON REBATED - FULL HEIGHT FIXED-LITE
- E2-B-35 CONCRETE GND FLOOR NON REBATED - HINGED DOOR OPEN OUT
- E3-B-35 CONCRETE GND FLOOR NON REBATED - HINGED DOOR OPEN IN
- F4-B-35 CONCRETE GND FLOOR NON REBATED - SLIDING DOOR
- E6-B-35 CONCRETE GND FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN OUT
- F7-B-35 CONCRETE GND FLOOR FULLY REBATED - LOW PROFILE HINGED DOOR OPEN IN
- F2-B-35 CONCRETE GND FLOOR FULLY REBATED - HINGED DOOR OPEN OUT
- F3-B-35 CONCRETE GND FLOOR FULLY REBATED - HINGED DOOR OPEN IN
- F4-B-35 CONCRETE GND FLOOR FULLY REBATED - SLIDING DOOR
- F6-B-35 CONCRETE GND FLOOR FULLY REBATED - LOW PROFILE HINGED DOOR OPEN OUT
- F7-B-35 CONCRETE GND FLOOR FULLY REBATED - LOW PROFILE HINGED DOOR OPEN IN
- TIMBER GND FLOOR FULLY REBATED HINGED DOOR OPEN OUT G2-B-35
- G3-B-35 TIMBER GND FLOOR FULLY REBATED - HINGED DOOR OPEN IN
- G4-B-35 TIMBER GND FLOOR FULLY REBATED - SLIDING DOOR
- G6-B-35 TIMBER GND FLOOR FULLY REBATED - LOW PROFILE HINGED DOOR OPEN OUT
- G7-B-35 TIMBER GND FLOOR FULLY REBATED - LOW PROFILE HINGED DOOR OPEN IN



http://wksp.nz/sg-wfl-w70



Apple App Store/Google Play

Opening Preparation

The preparation of the wall opening prior to the installation of the window or door is essentially the same regardless of cladding option. The following offers a step by step guide to the process.

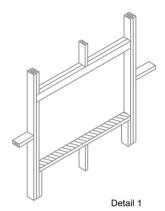
Step P1 – Preliminary Check

Before proceeding with the installation and preparation of the wall underlay, the

installer should examine and confirm that the sill trimmer is essentially level, straight and free of twist. It is particularly important that it is well secured and does not slope toward the interior of the building.

If necessary, the sill trimmer should be planed to ensure it does not exhibit any of the above conditions.

The sill trimmer must be designed to comply with NZS3604.



Note: Projects within the new Extra High wind zone require the use of a Rigid Underlay in addition to and underneath a flexible wall underlay, except as noted in the attached comment.

This needs to be considered when sizing the windows.

9.1.7.2 Rigid wall underlays, in association with drained cavities (including direct fixed corrugated profile metal) are required in Extra High wind zones. Refer to Table 3 and Table 23. Rigid underlays are also required to external walls of attached garages that are unlined. Refer Paragraphs 1.1.1 & 9.1.3.4 c).

Rigid *wall underlays* shall be in accordance with Table 23, and shall:

- Be minimum 7mm plywood, or 6mm fibre cement sheet
- b) Be installed with sheet edges fixed over solid framing
- c) Be over-fixed with a flexible wall underlay from Table 23 and installed as in Paragraph 9.1.7.1

COMMENT:

Some proprietary systems may not require the addition of a flexible *underlay*

Step P2 – Cut the Underlay

Clause 9.1.5 a) describes the application of a flexible wall underlay.

Amend 5
Aug 2011

9.1.5 Wall underlays to wall openings

Prior to window or door installation:

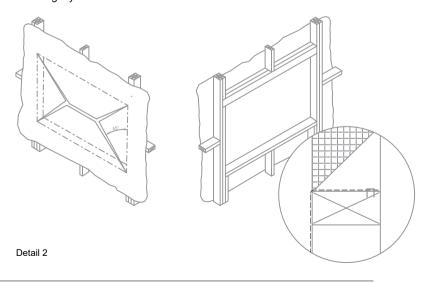
Flexible wall underlay shall be cut and dressed into all sides of openings as per Figure 72A and B,

1 November 2017

To achieve this, follow these steps;

- a. Cut the building underlay at 45° away from each corner.
- Fold the flaps tightly into the opening and secure to the framing on all sides.
- c. Trim off excess underlay after fixing.

Note: Figures 72A & 72B do not show the inner extent of the flexible wall underlay. The industry trend has been to cut this off at the inner corner of the framing as wrapping around sometimes interferes with the internal linings. Ensure the underlay is fixed tightly to the framework.



Step P3 – Flexible Flashing Tape

After ensuring the flashing tape to be used meets the criteria set out in Clause 9.1.5 b), follow these steps to satisfy the clause:

 a. Cut the flashing tape for the sill at least 200mm wider than the opening.

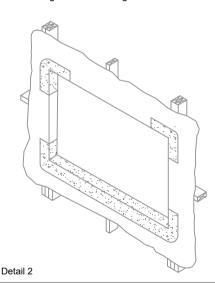
- b) Flexible flashing tape shall be applied to head and sill framing as shown in Figures 72A and 72B. Flexible flashing tape shall:
- i) Comply with parts 3.2 and 4 of ICBO
 Acceptance Criteria AC148, and
 ii) be compatible with the wall underlay

COMMENT:

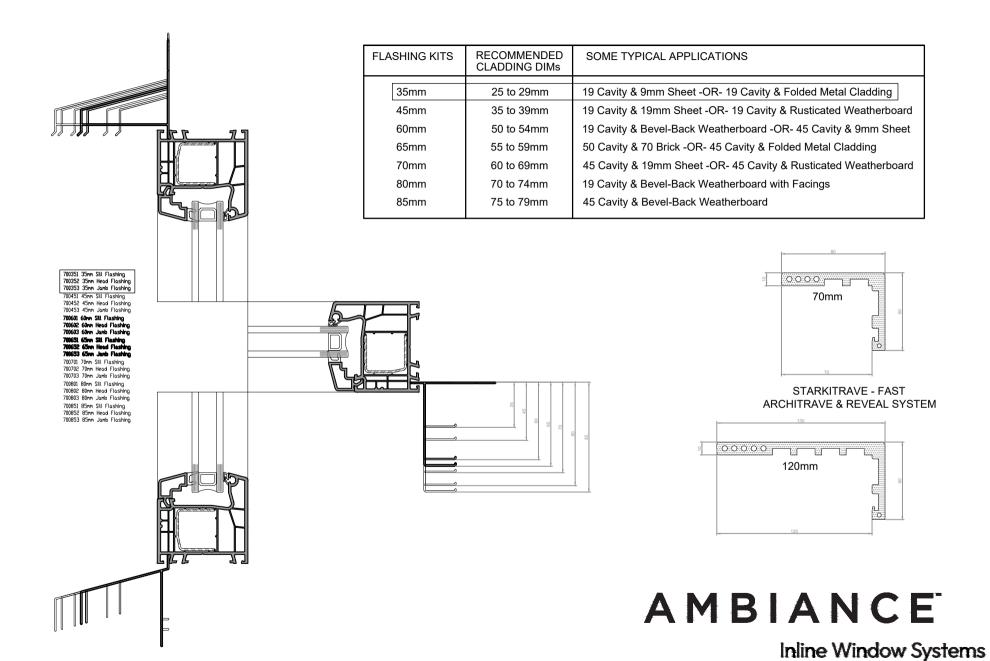
Amend 5 | Dressing the wall underlay around the framing timber and providing a flexible air seal limits airflow around the window reveal

The flexible flashing tape keeps any water that does get past the cladding, or through the joinery, from direct contact with the timber.

- b. Fit the tape, as described in the manufacturers literature, with the inner edge of the tape flush with the inside line of the framing, so that it extends a minimum of 100mm up each jamb ensuring timber framing is covered.
- c. Ensure the tape is securely adhered to the underlay on all surfaces and fits tightly into each of the corners.
- d. Cut two more pieces of tape at least 200mm long and fit into each of the upper corners as described above ensuring timber framing is covered.



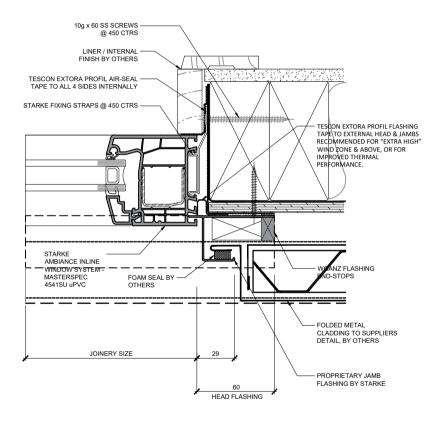
Note: Ensure all exposed timber is covered, particularily in the corners. This may mean the tape has to extend further than nominated.



STÄRKE

Fixed-Lite

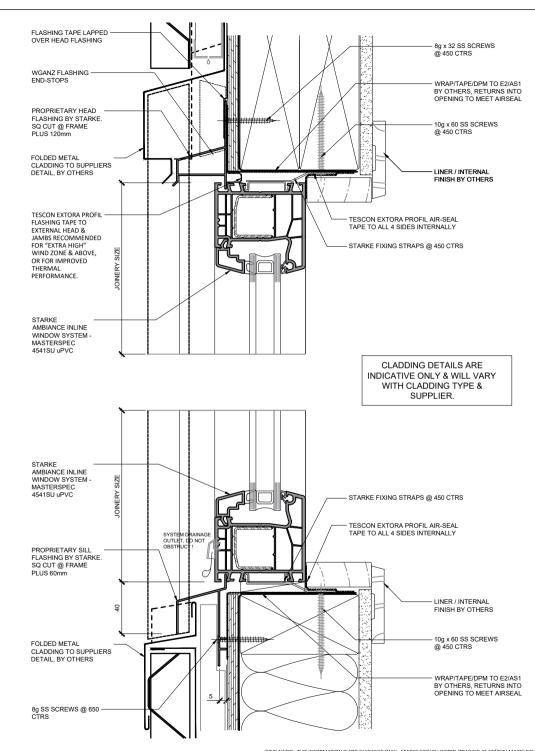
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

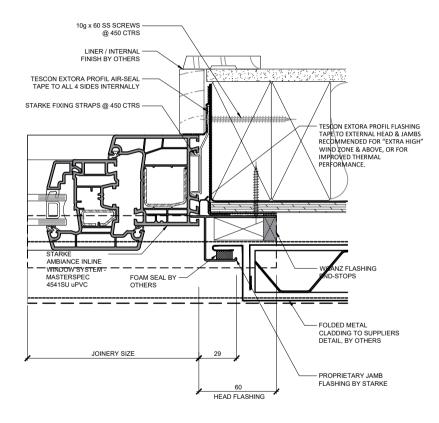
Inline Window Systems





Awning open out

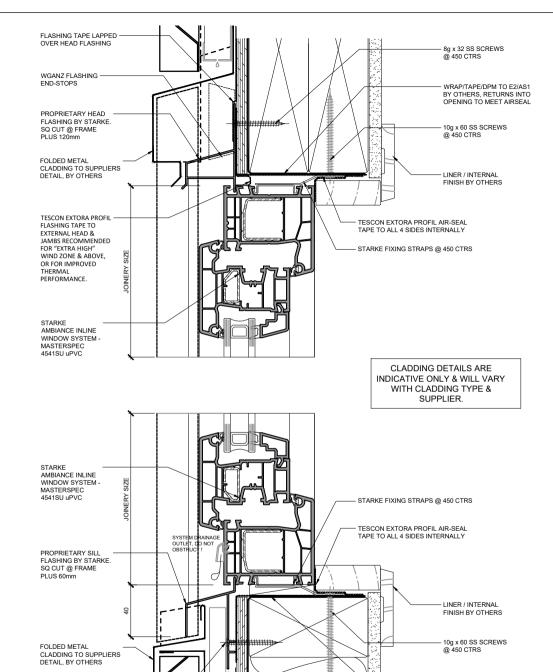
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems

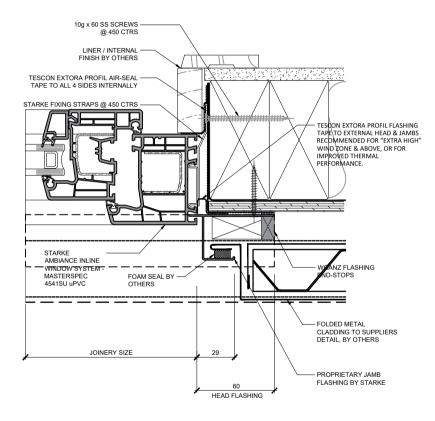




WRAP/TAPE/DPM TO E2/AS1 BY OTHERS, RETURNS INTO

Open In / Tilt & turn

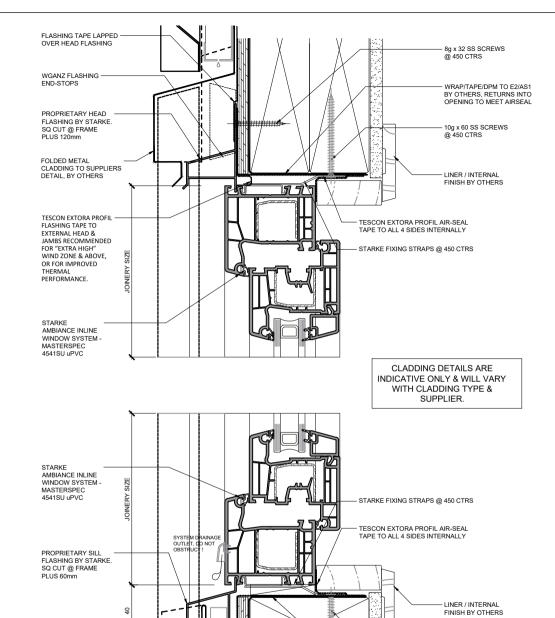
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems





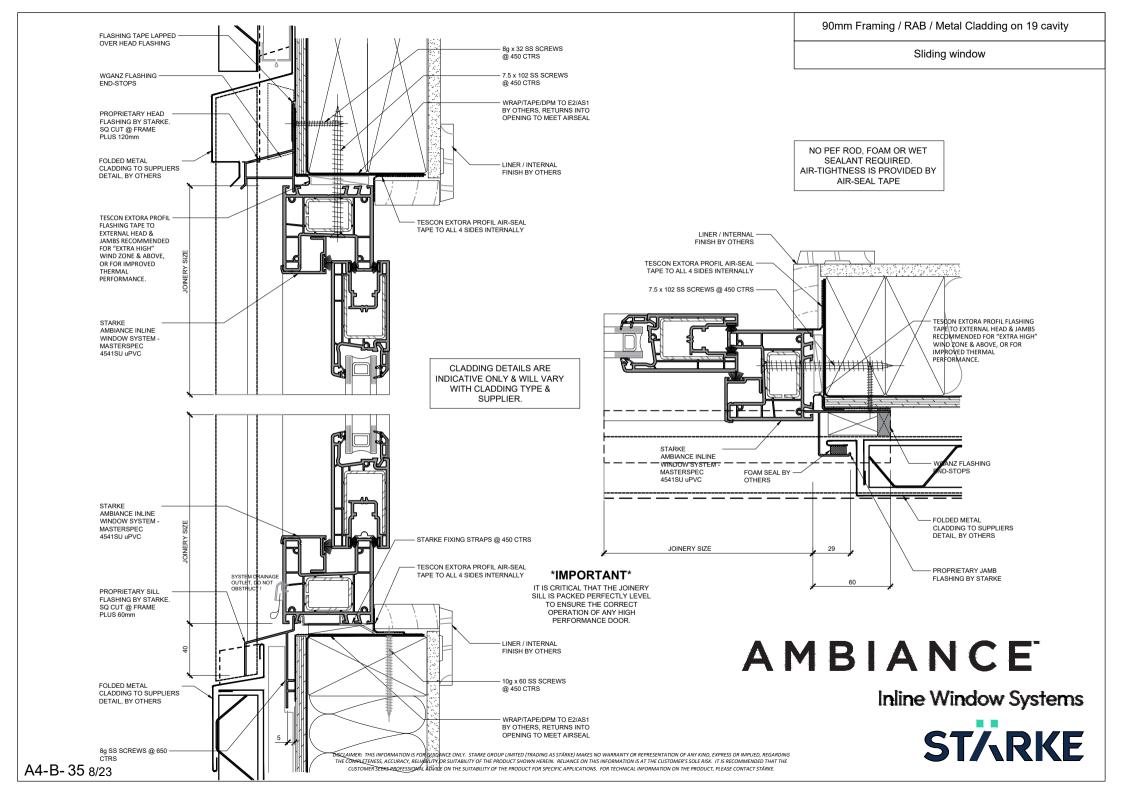
10g x 60 SS SCREWS

WRAP/TAPE/DPM TO E2/AS1 BY OTHERS, RETURNS INTO

@ 450 CTRS

FOLDED METAL

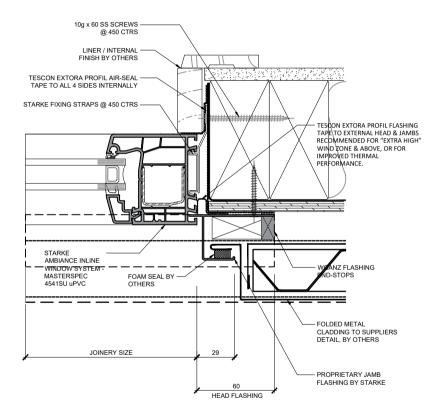
CLADDING TO SUPPLIERS DETAIL, BY OTHERS





Timber mid-floor, Non-rebated

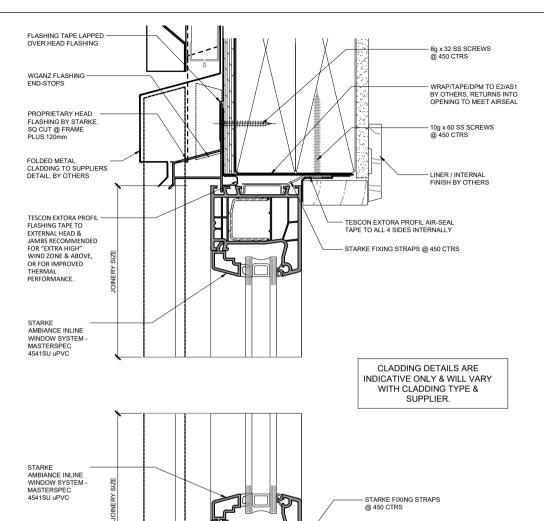
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems





SYSTEM D

NOT

LINER / INTERNAL

WRAP/TAPE/DPM TO E2/AS1 BY

OTHERS, RETURNS INTO OPENING TO MEET AIRSEAL 10g x 60 SS SCREWS @ 450 CTRS

TESCON EXTORA PROFIL AIR-SEAL

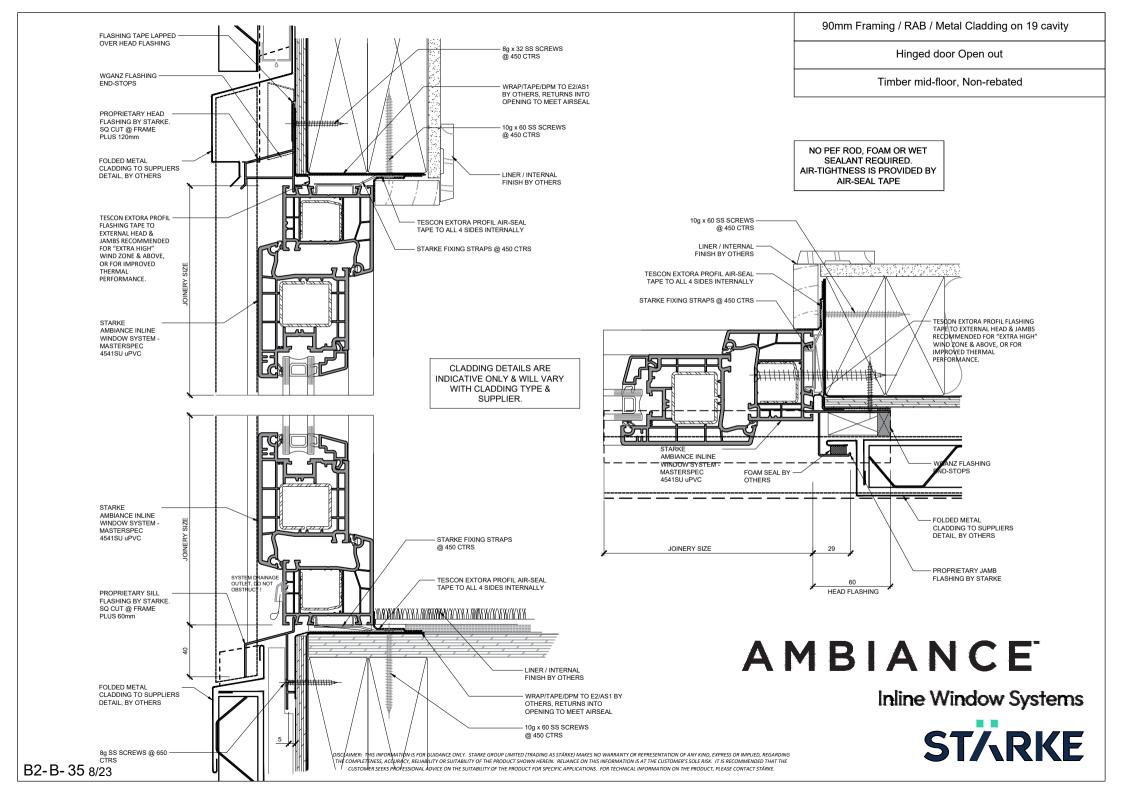
TAPE TO ALL 4 SIDES INTERNALLY

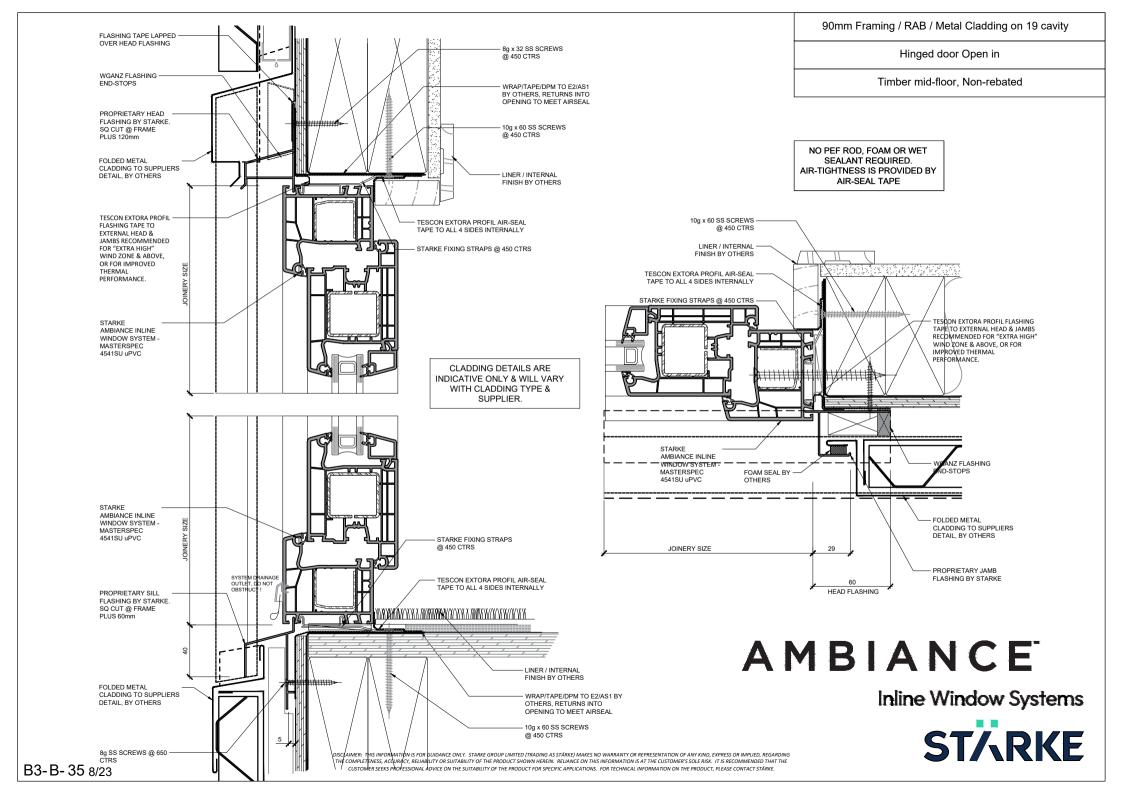
PROPRIETARY SILL FLASHING BY STARKE. SQ CUT @ FRAME

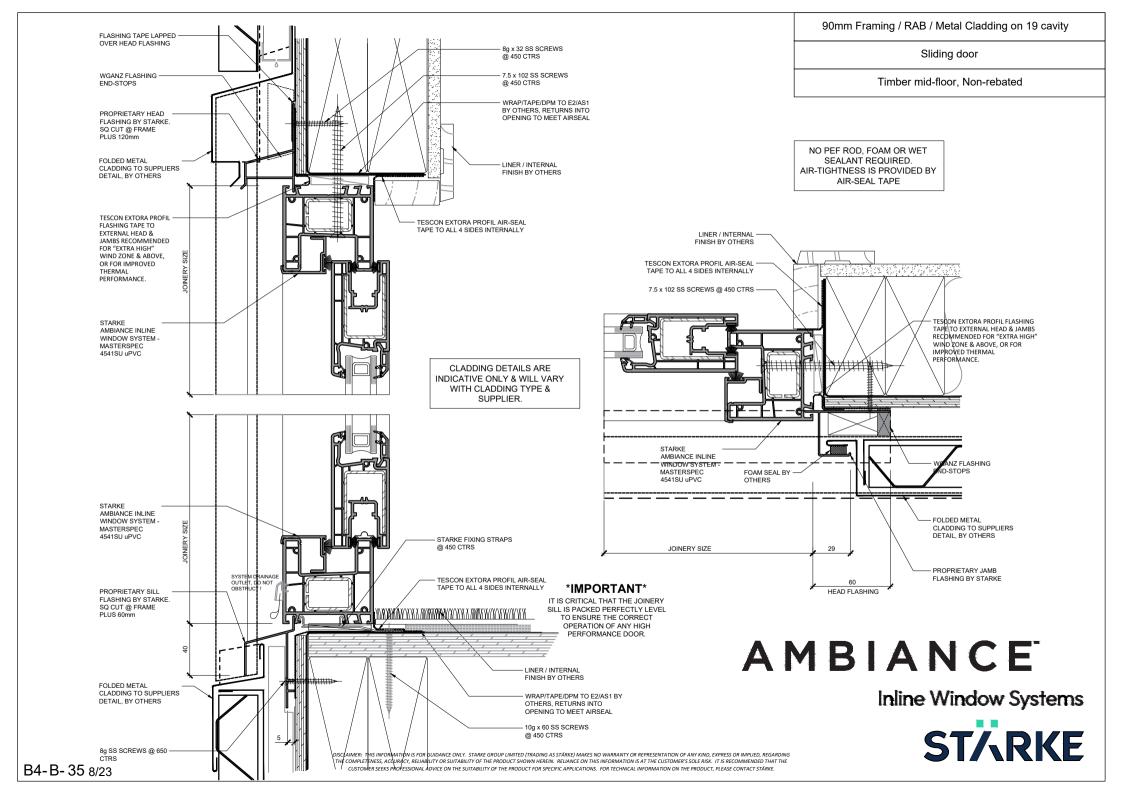
PLUS 60mm

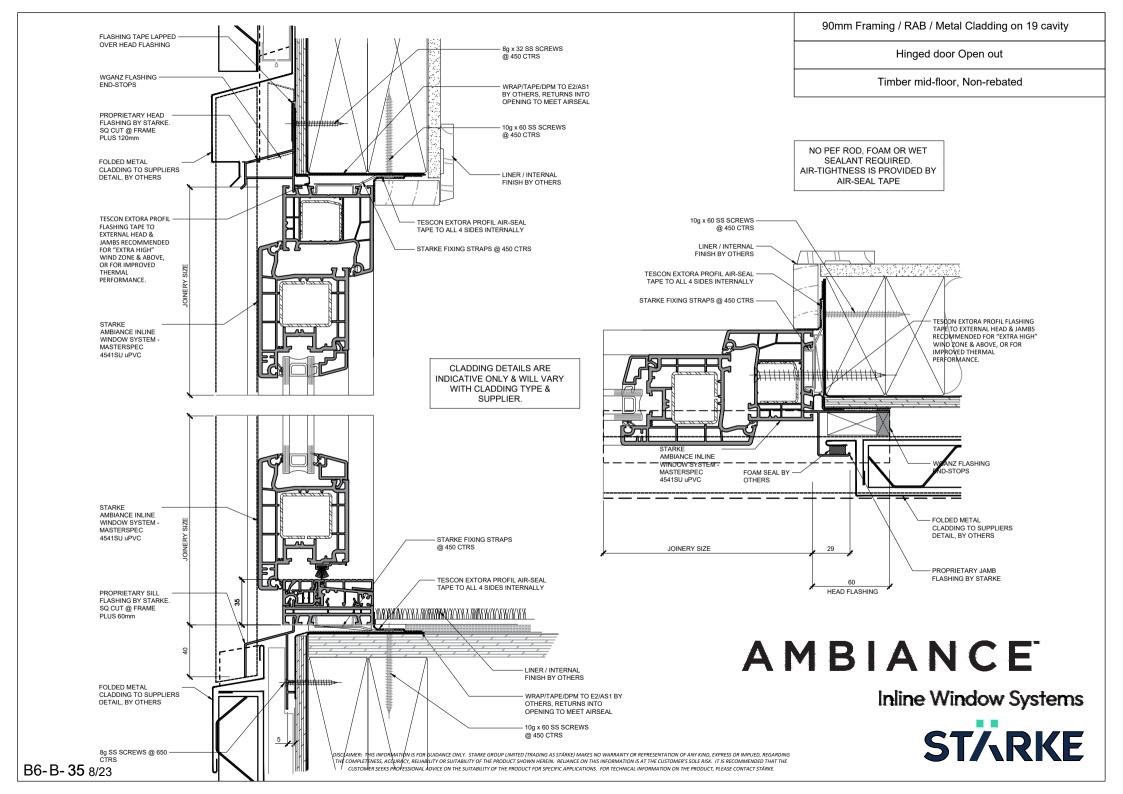
FOLDED METAL CLADDING TO SUPPLIERS

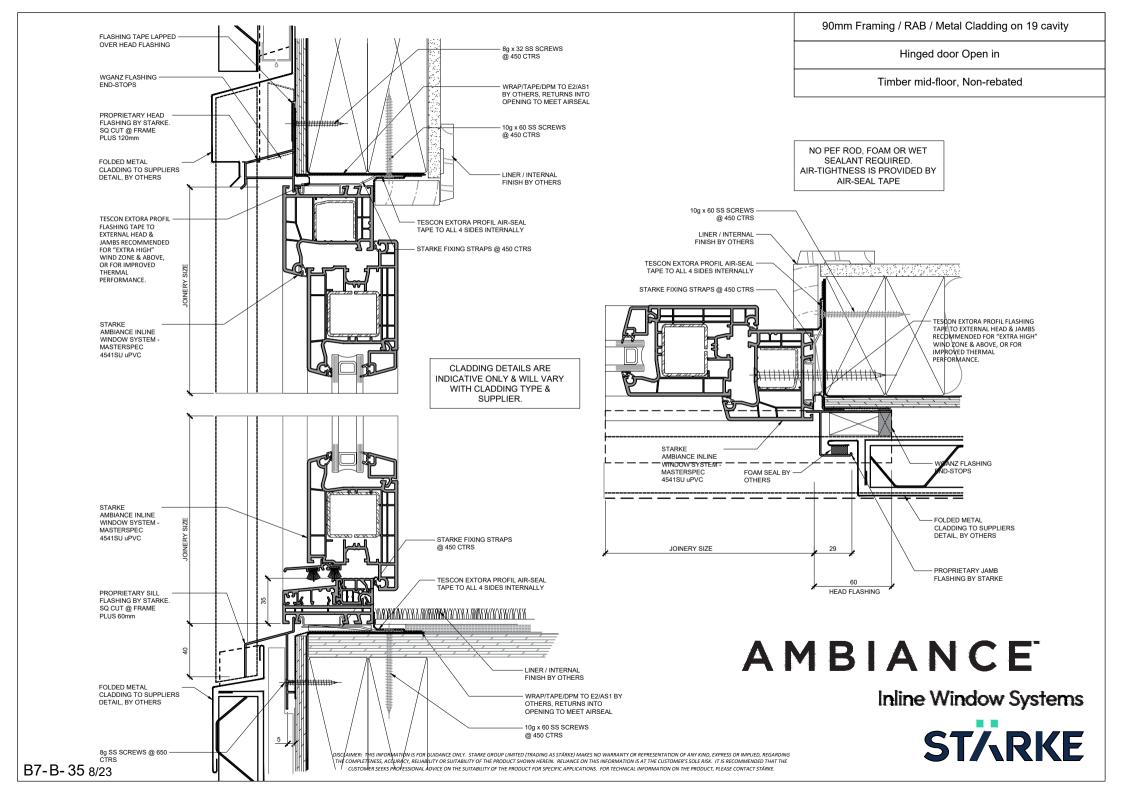
DETAIL, BY OTHERS





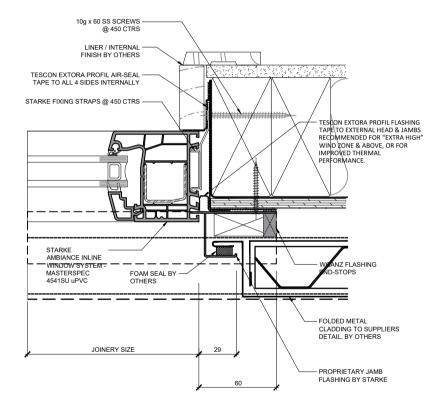








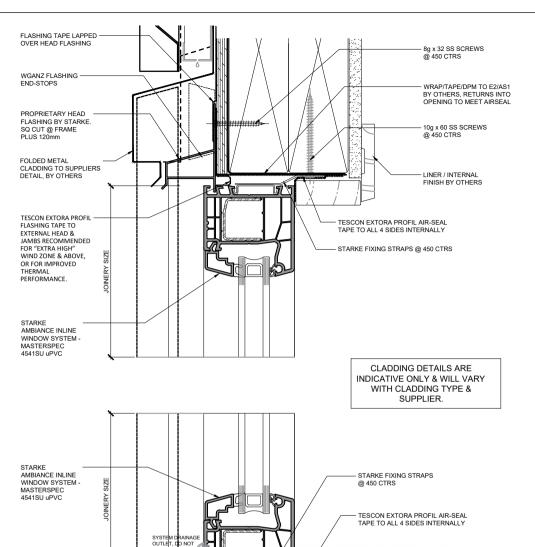
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems





121

110 Nom

LINER / INFILL/FINISH BY OTHERS

WRAP/TAPE/DPM TO E2/AS1 BY

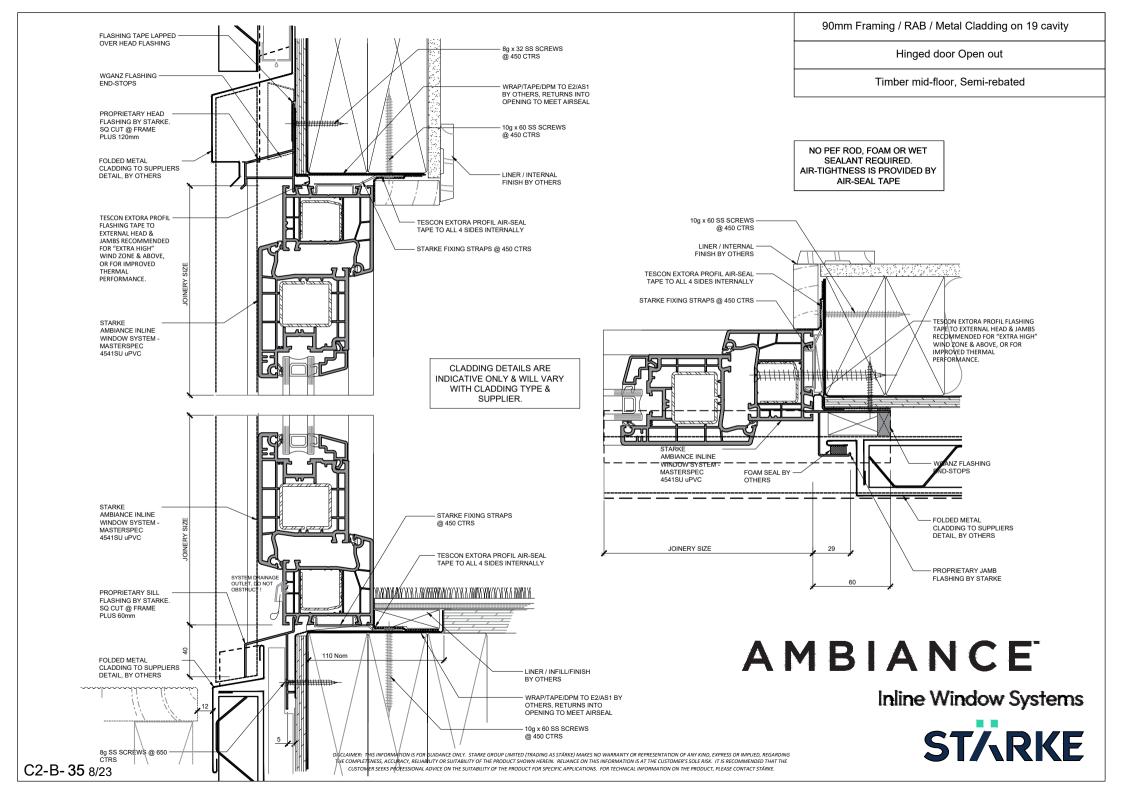
OTHERS, RETURNS INTO OPENING TO MEET AIRSEAL 10g x 60 SS SCREWS

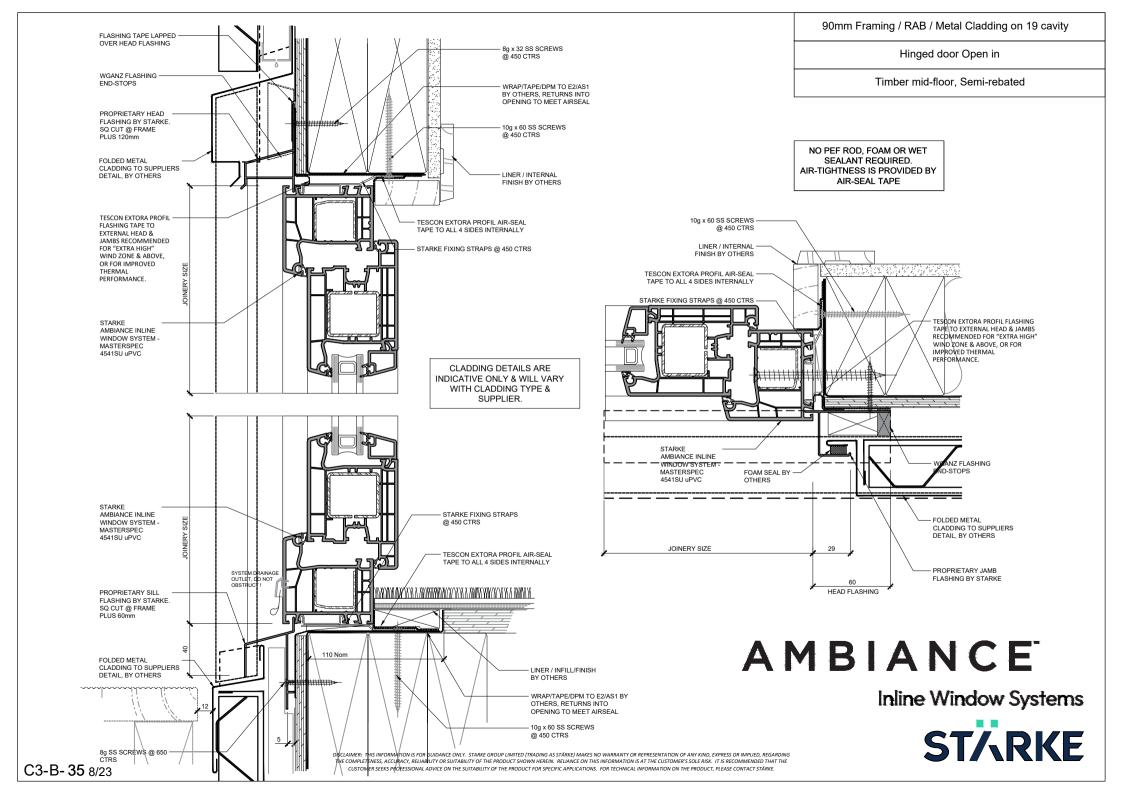
PROPRIETARY SILL FLASHING BY STARKE. SQ CUT @ FRAME

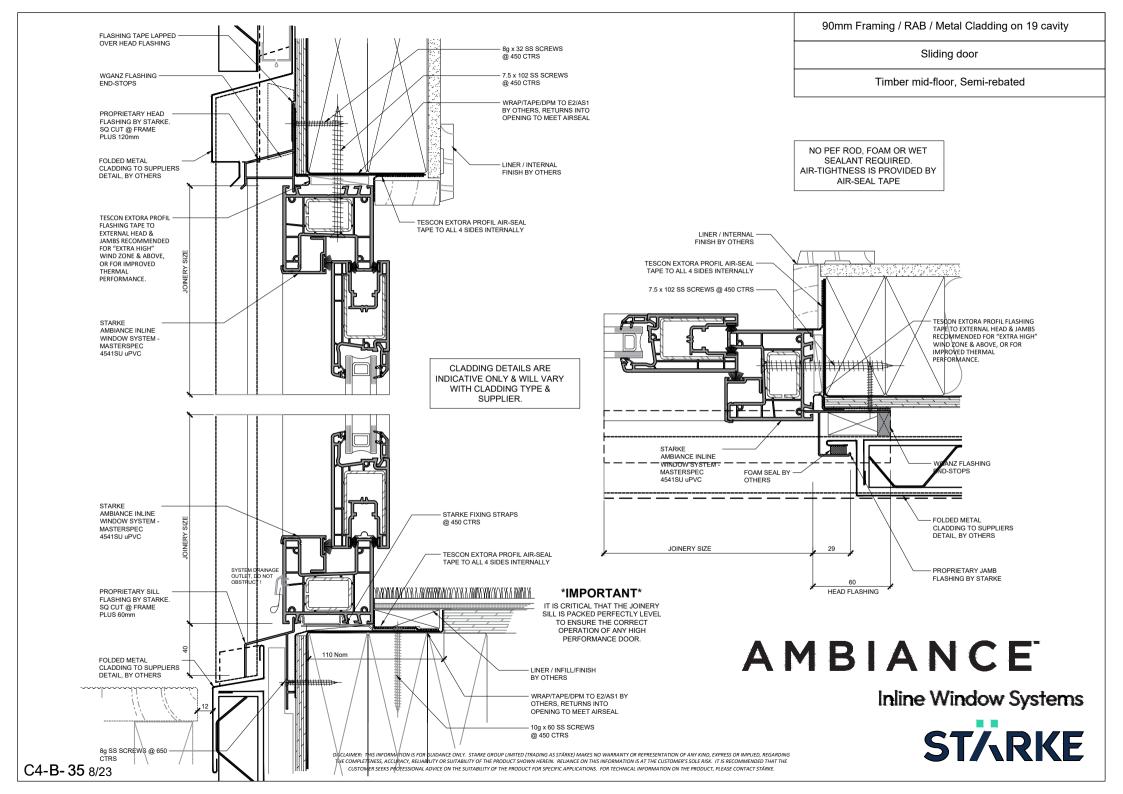
PLUS 60mm

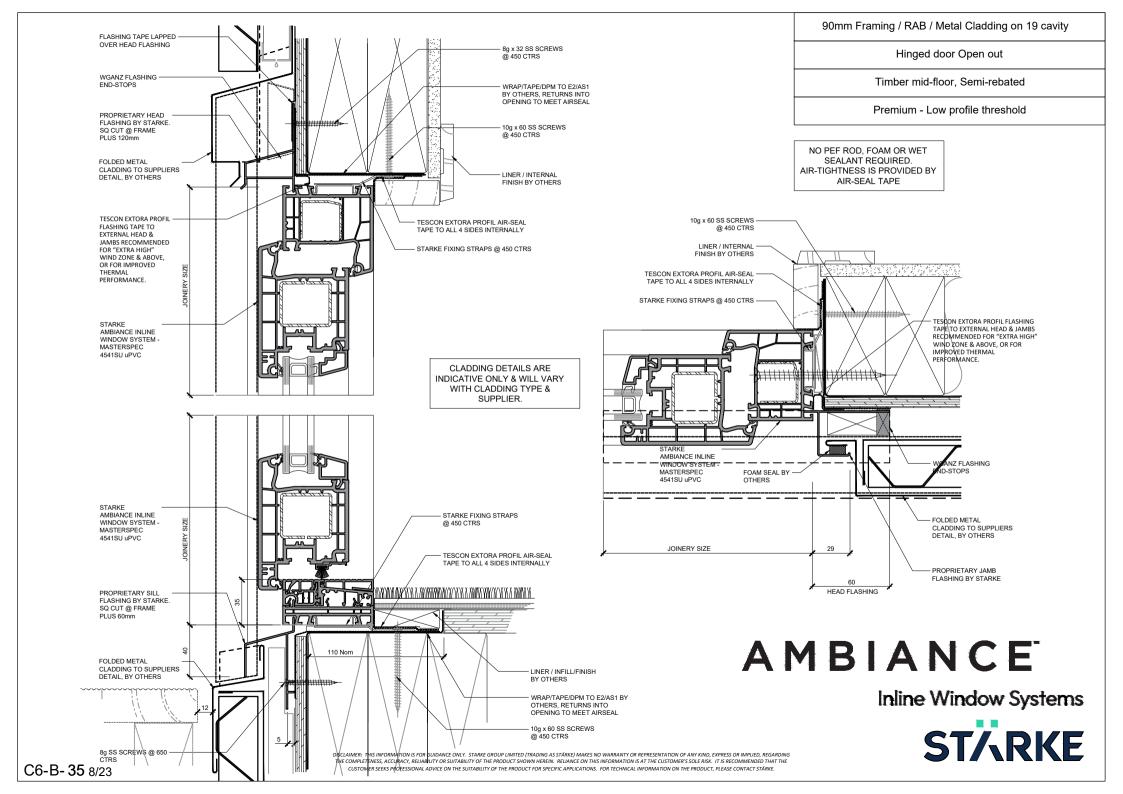
FOLDED METAL CLADDING TO SUPPLIERS

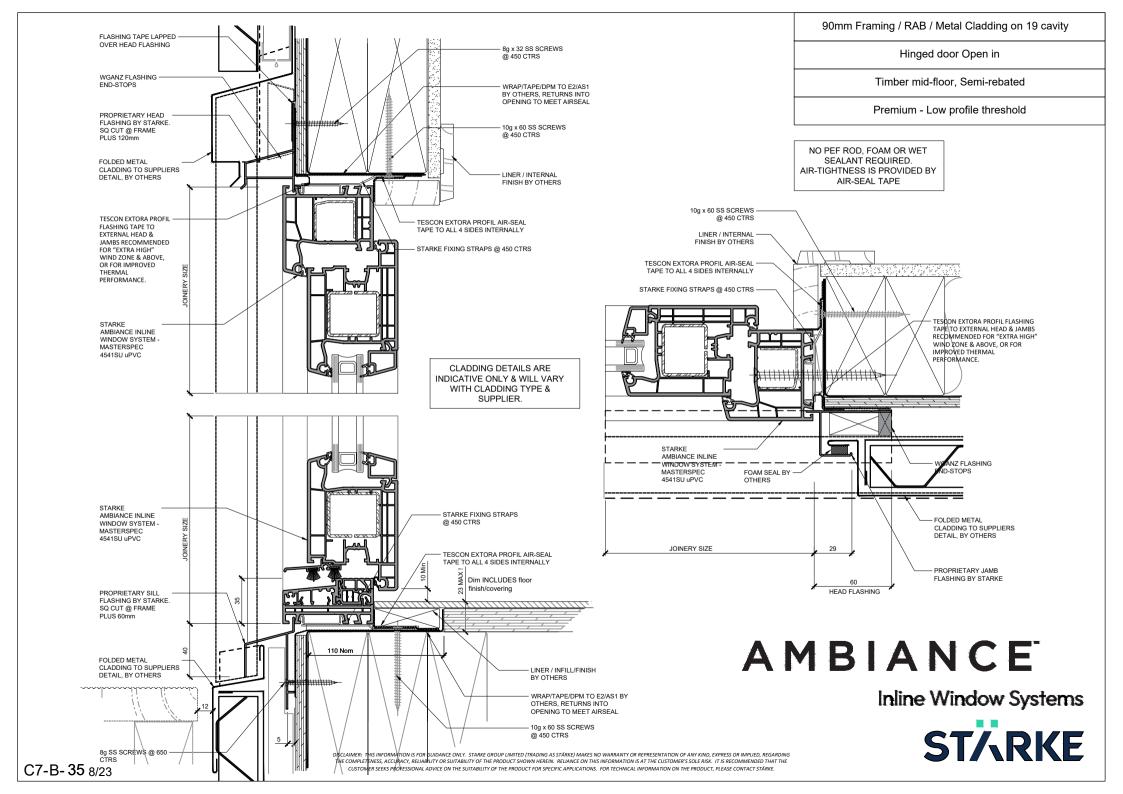
DETAIL, BY OTHERS











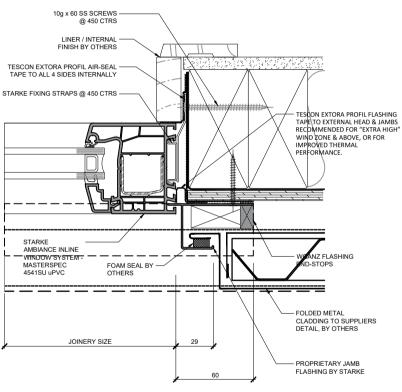
FLASHING TAPE LAPPED OVER HEAD FLASHING 8a x 32 SS SCREWS @ 450 CTRS WGANZ FLASHING END-STOPS WRAP/TAPE/DPM TO E2/AS1 BY OTHERS, RETURNS INTO OPENING TO MEET AIRSEAL PROPRIETARY HEAD FLASHING BY STARKE. 10g x 60 SS SCREWS SQ CUT @ FRAME PLUS 120mm FOLDED METAL CLADDING TO SUPPLIERS DETAIL, BY OTHERS LINER / INTERNAL TESCON EXTORA PROFIL TESCON EXTORA PROFIL AIR-SEAL FLASHING TAPE TO TAPE TO ALL 4 SIDES INTERNALLY EXTERNAL HEAD & JAMBS RECOMMENDED FOR "EXTRA HIGH" STARKE FIXING STRAPS @ 450 CTRS WIND ZONE & ABOVE, OR FOR IMPROVED THERMAI PERFORMANCE STARKE AMBIANCE INLINE WINDOW SYSTEM MASTERSPEC 4541SU uPVC CLADDING DETAILS ARE INDICATIVE ONLY & WILL VARY WITH CLADDING TYPE & SUPPLIER. STARKE AMBIANCE INLINE WINDOW SYSTEM -MASTERSPEC STARKE FIXING STRAPS SYSTEM D TESCON EXTORA PROFIL AIR-SEAL NOT TAPE TO ALL 4 SIDES INTERNALLY PROPRIETARY SILL FLASHING BY STARKE. SQ CUT @ FRAME PLUS 60mm LINER / INTERNAL FINISH BY OTHERS FOLDED METAL CLADDING TO SUPPLIERS WRAP/TAPE/DPM TO E2/AS1 BY DETAIL, BY OTHERS OTHERS, RETURNS INTO OPENING TO MEET AIRSEAL

90mm Framing / RAB / Metal Cladding on 19 cavity

Full height Fixed-Lite

Concrete mid floor, Non-rebated

NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



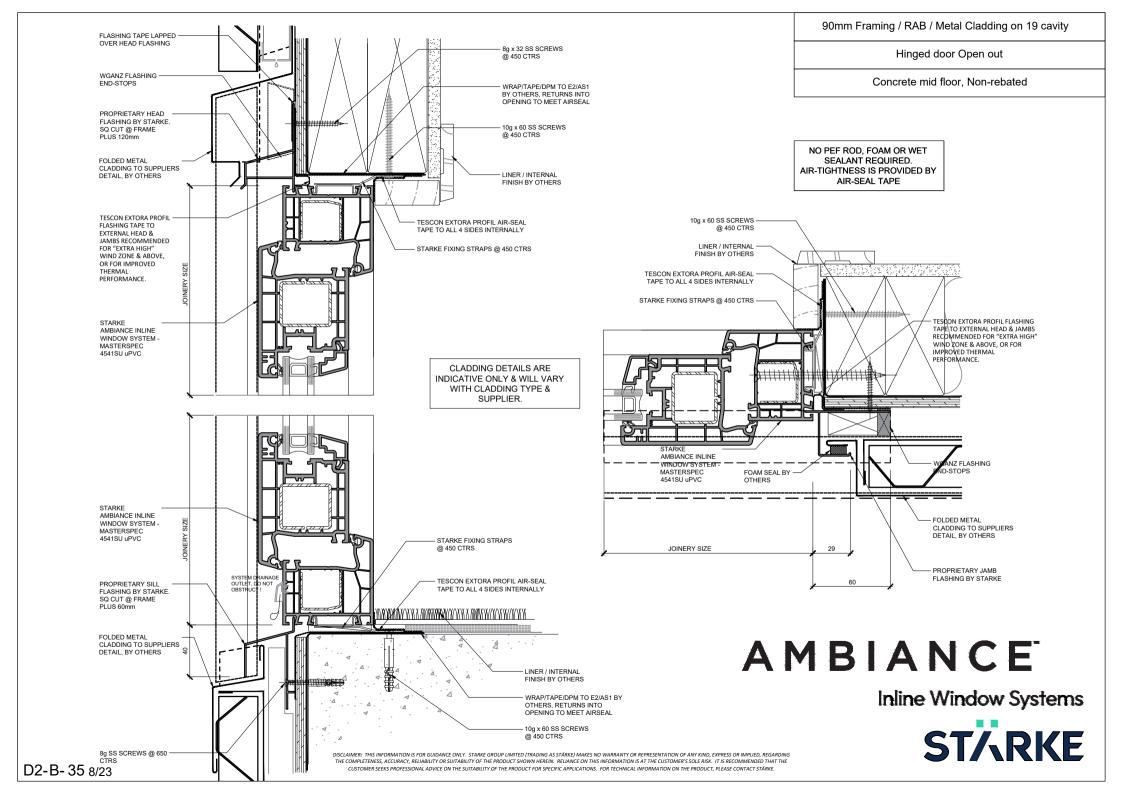
AMBIANCE

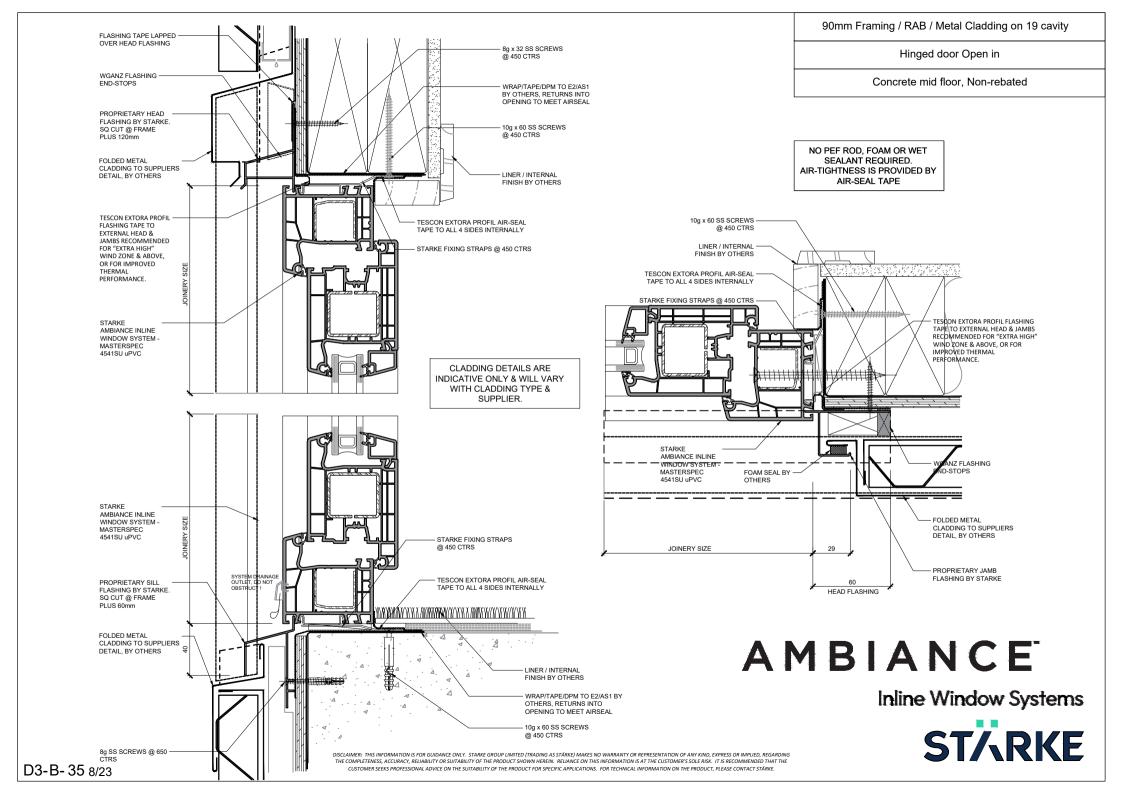
Inline Window Systems

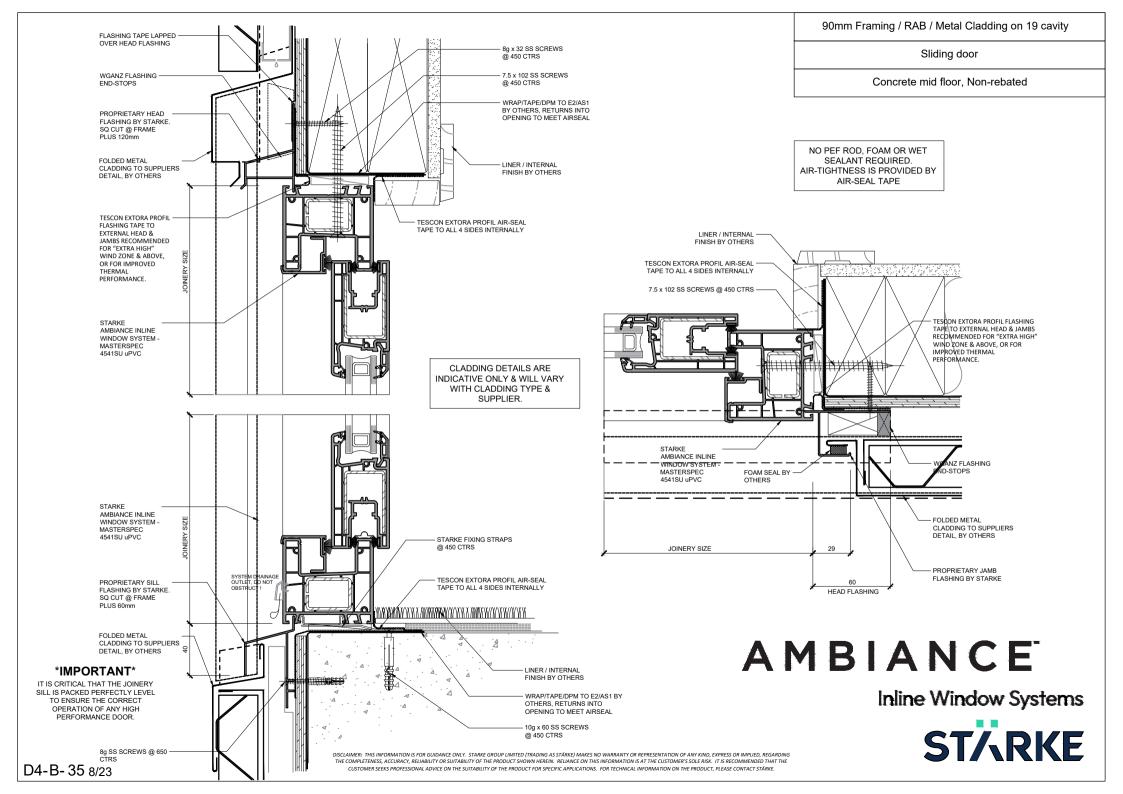


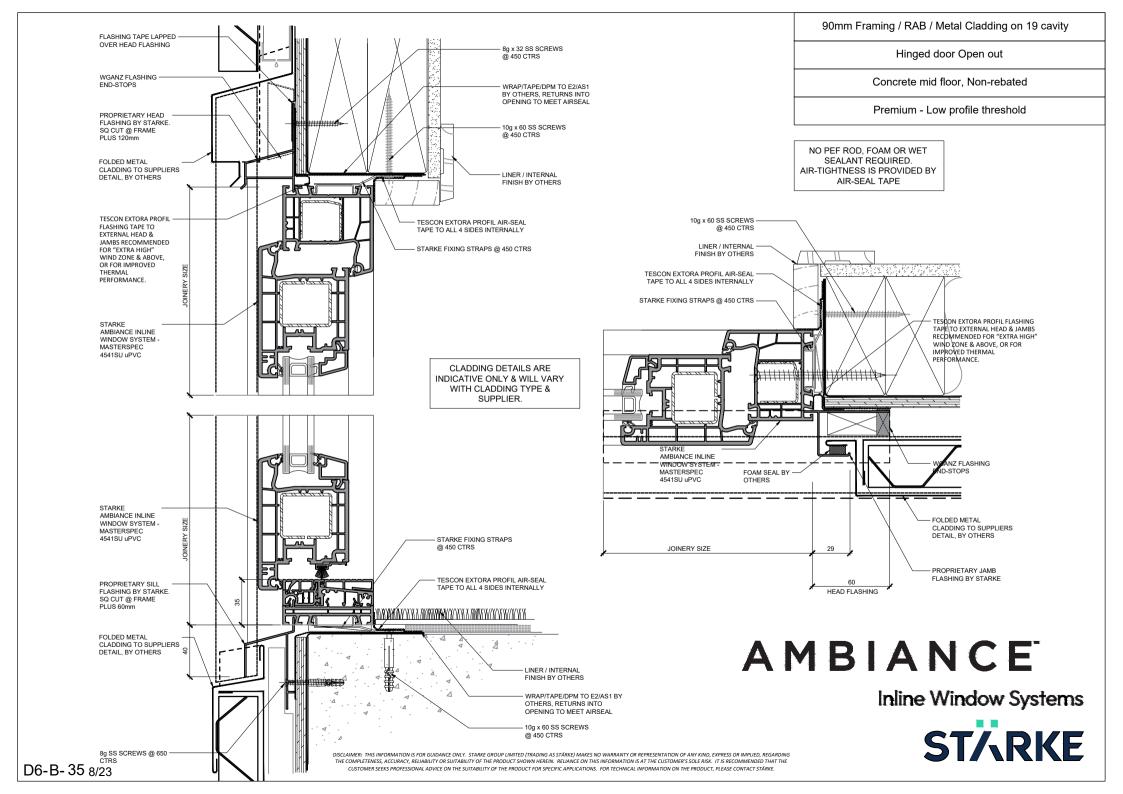
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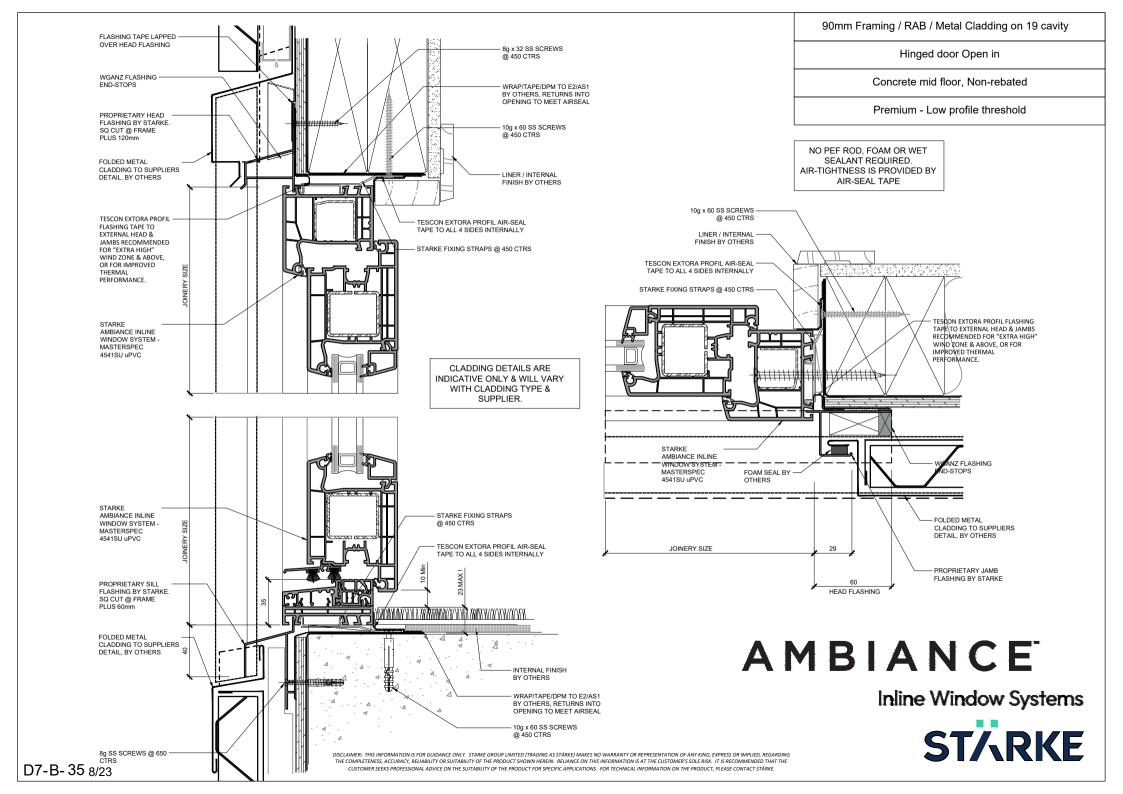
10g x 60 SS SCREWS











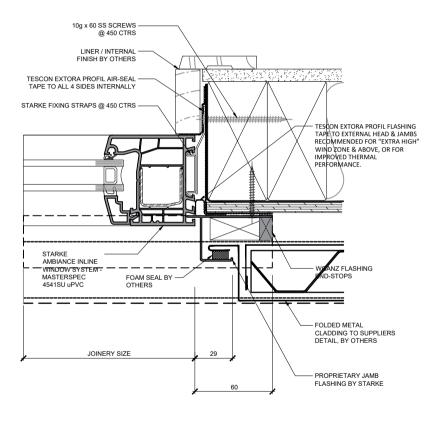
FLASHING TAPE LAPPED OVER HEAD FLASHING 8a x 32 SS SCREWS @ 450 CTRS WGANZ FLASHING END-STOPS WRAP/TAPE/DPM TO E2/AS1 BY OTHERS, RETURNS INTO OPENING TO MEET AIRSEAL PROPRIETARY HEAD FLASHING BY STARKE. 10g x 60 SS SCREWS SQ CUT @ FRAME PLUS 120mm FOLDED METAL CLADDING TO SUPPLIERS DETAIL, BY OTHERS LINER / INTERNAL TESCON EXTORA PROFIL TESCON EXTORA PROFIL AIR-SEAL FLASHING TAPE TO TAPE TO ALL 4 SIDES INTERNALLY EXTERNAL HEAD & JAMBS RECOMMENDED FOR "EXTRA HIGH" STARKE FIXING STRAPS @ 450 CTRS WIND ZONE & ABOVE, OR FOR IMPROVED THERMAI PERFORMANCE STARKE AMBIANCE INLINE WINDOW SYSTEM MASTERSPEC 4541SU uPVC CLADDING DETAILS ARE

90mm Framing / RAB / Metal Cladding on 19 cavity

Full height Fixed-Lite

Concrete ground floor, Non-rebated

NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems



WITH CLADDING TYPE & SUPPLIER.

STARKE FIXING STRAPS

TESCON EXTORA PROFIL AIR-SEAL

TAPE TO ALL 4 SIDES INTERNALLY

@ 450 CTRS

INDICATIVE ONLY & WILL VARY

BY OTHERS

WRAP/TAPE/DPM TO E2/AS1 BY OTHERS, RETURNS INTO OPENING TO MEET AIRSEAL

10g x 60 SS SCREWS

@ 450 CTRS

LINER / INFILL/FINISH

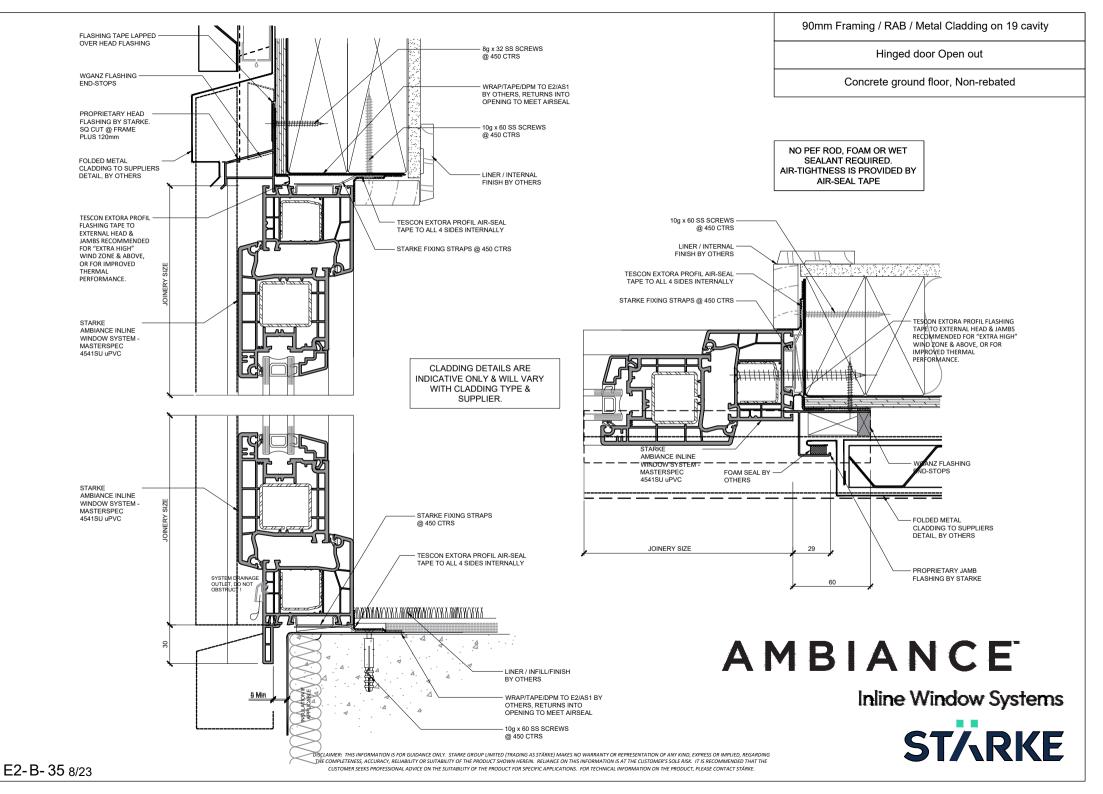
STARKE

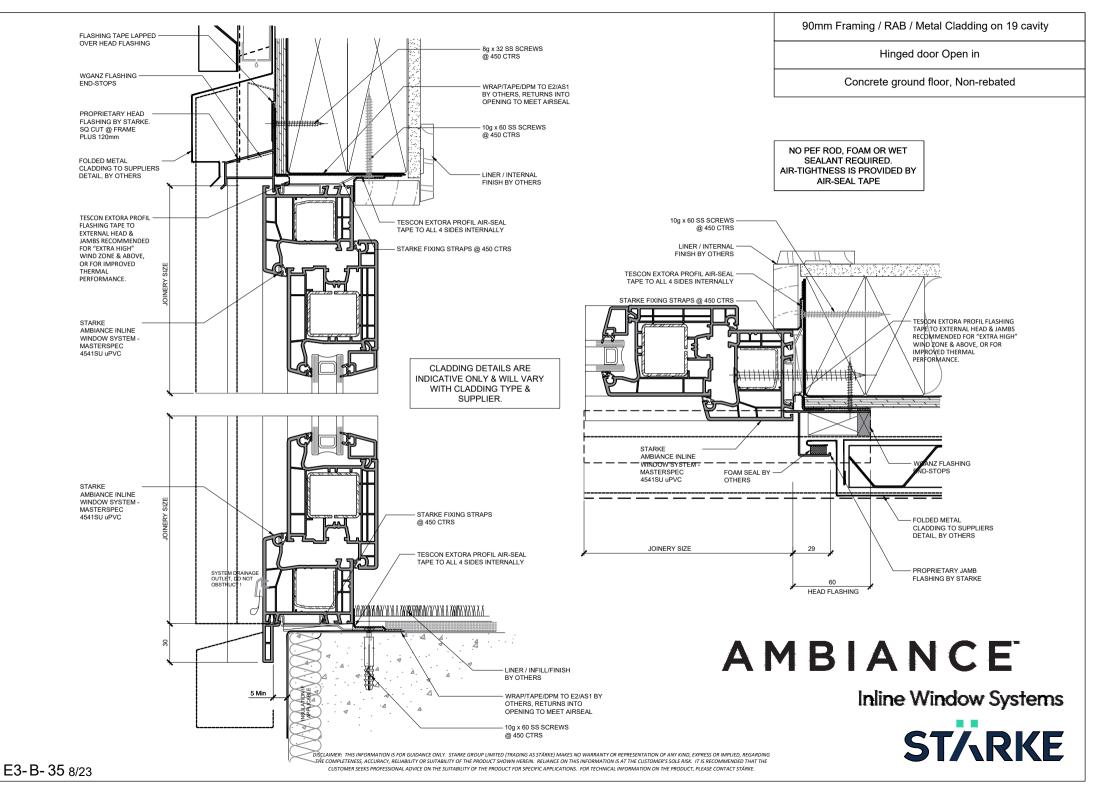
AMBIANCE INLINE WINDOW SYSTEM -

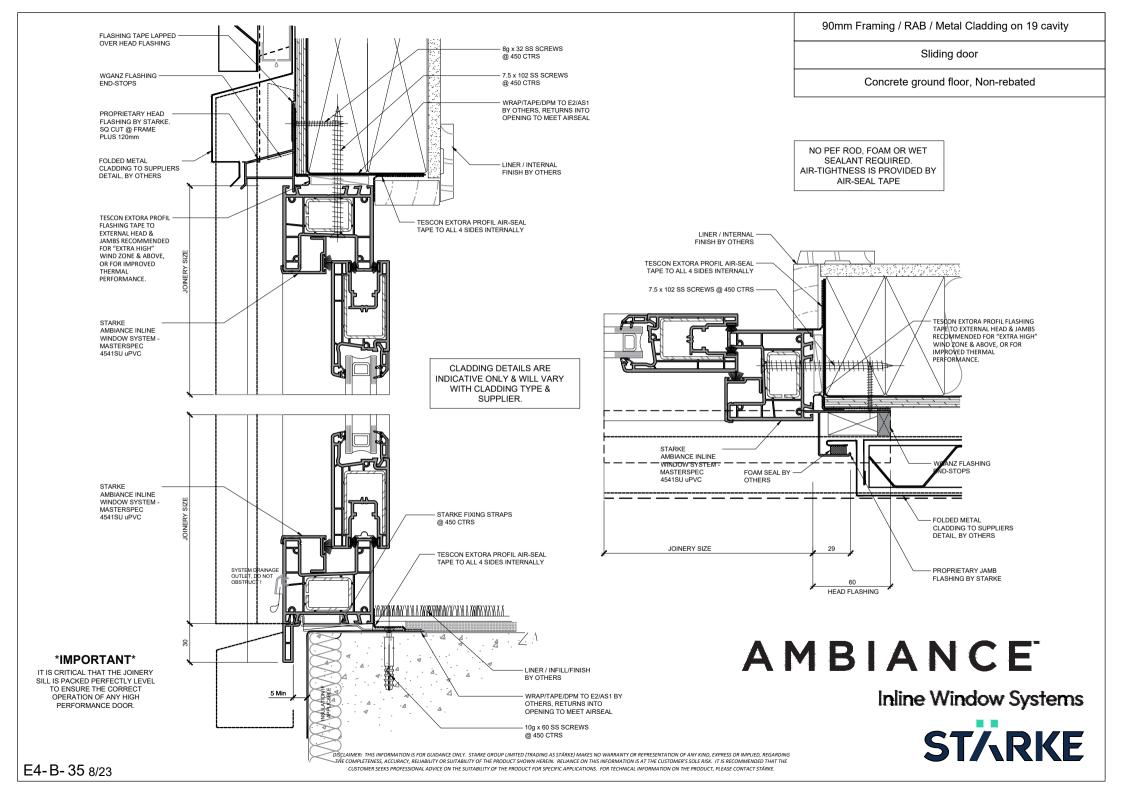
> SYSTEM DRAINAG OUTLET, DO NOT OBSTRUCT!

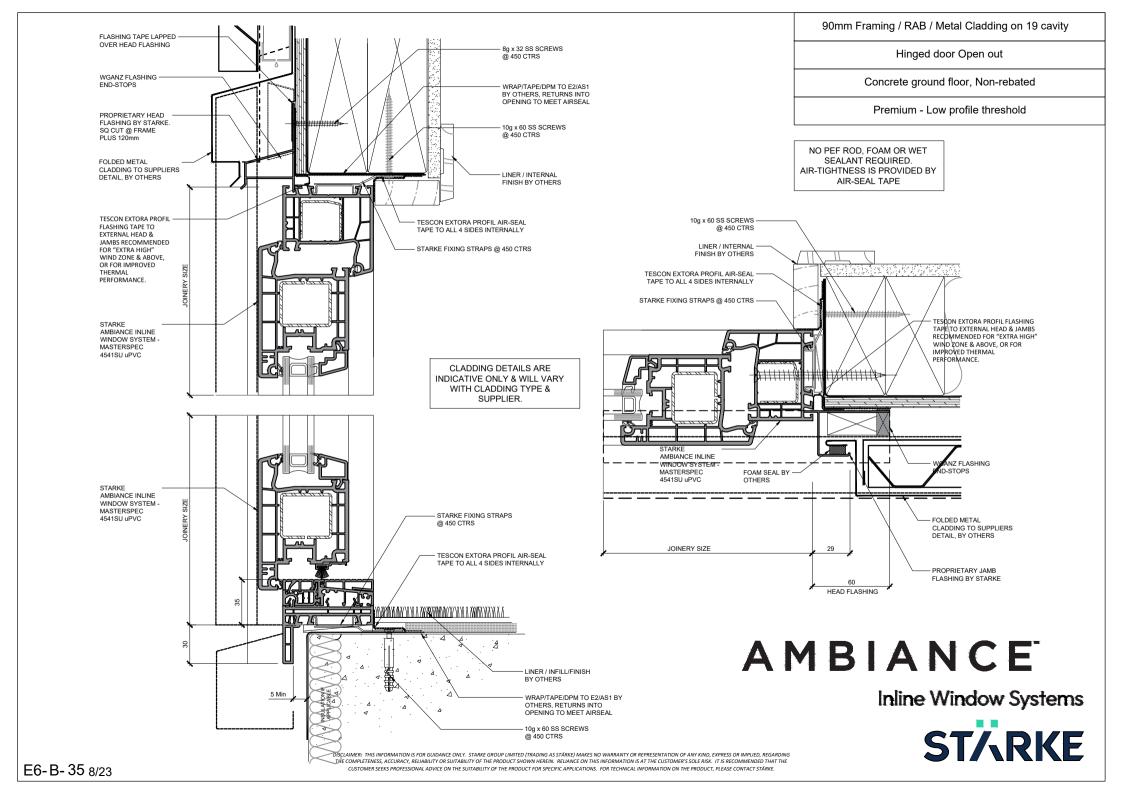
MASTERSPEC

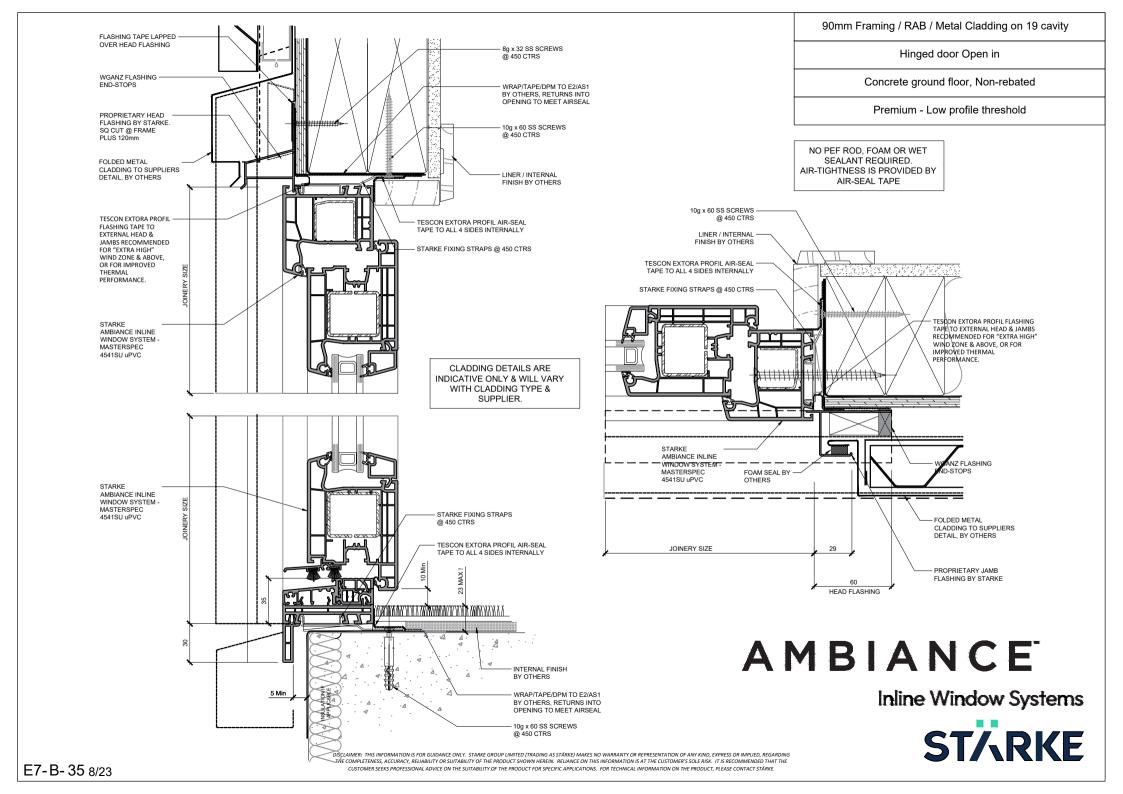
4541SU uPVC

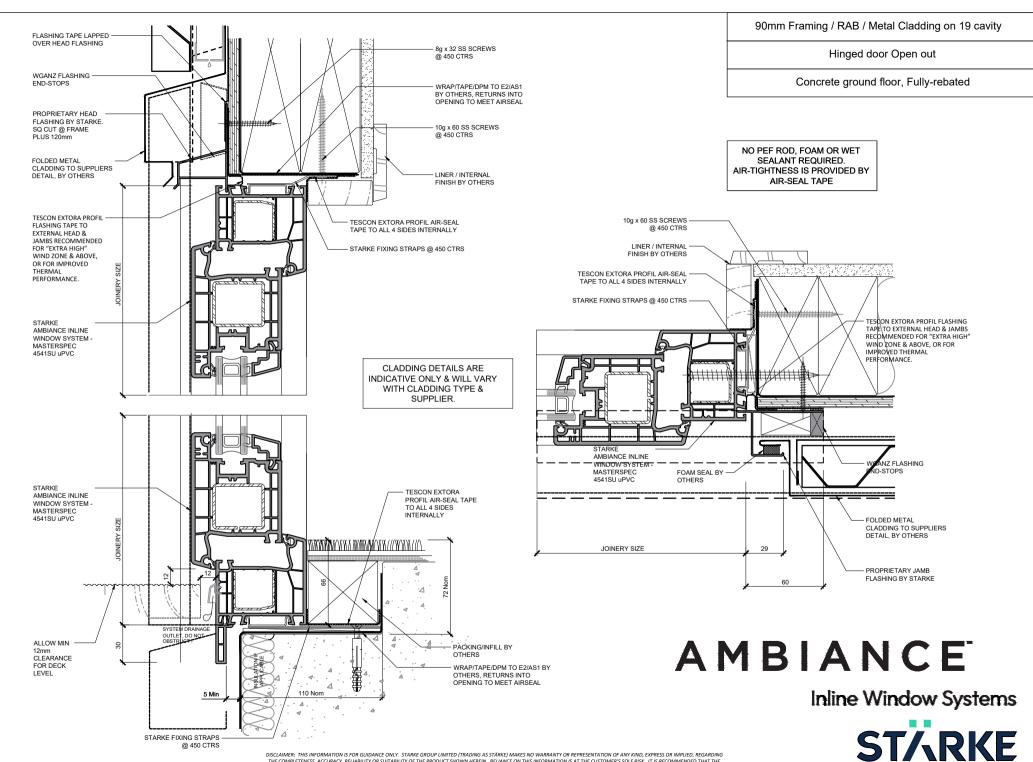












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