#### SMARTSLIDE DOOR 230mm & RAB WALL FRAMING 19mm CAVITY & CLADDING (VARIOUS)

## AMBIANCE

## Inline Window Systems

# **STÄRKE**

#### F1S FLASHINGS & STARKITRAVE 01- R-35 TIMBER MID FLOOR NON REBATED - 9mm CLADDING 02-R-35 TIMBER MID FLOOR SEMI REBATED - 9mm CLADDING 03-R-35 CONCRETE MID FLOOR NON REBATED - 9mm CLADDING 04- R-35 CONCRETE GROUND FLOOR NON REBATED - 9mm CLADDING 05-R-35 CONCRETE GROUND FLOOR FULLY REBATED - 9mm CLADDING 06-R-35 TIMBER GROUND FLOOR FULLY REBATED - 9mm CLADDING 01-B-45 TIMBER MID FLOOR NON REBATED - 19mm CLADDING 02-B-45 TIMBER MID FLOOR SEMI REBATED - 19mm CLADDING 03-B-45 CONCRETE MID FLOOR NON REBATED - 19mm CLADDING CONCRETE GROUND FLOOR NON REBATED - 19mm CLADDING 04- B-45 05- B-45 CONCRETE GROUND FLOOR FULLY REBATED - 19mm CLADDING 06-B-45 TIMBER GROUND FLOOR FULLY REBATED - 19mm CLADDING 01- G-60 TIMBER MID FLOOR NON REBATED - 35mm CLADDING 02- G-60 TIMBER MID FLOOR SEMI REBATED - 35mm CLADDING 03- G-60 CONCRETE MID FLOOR NON REBATED - 35mm CLADDING 04- G-60 CONCRETE GROUND FLOOR NON REBATED - 35mm CLADDING 05- G-60 CONCRETE GROUND FLOOR FULLY REBATED - 35mm CLADDING 06- G-60 TIMBER GROUND FLOOR FULLY REBATED - 35mm CLADDING 01- Y-65 TIMBER MID FLOOR NON REBATED - BRICK CLADDING 02- Y-65 TIMBER MID FLOOR SEMI REBATED - BRICK CLADDING 03- Y-65 CONCRETE FLOOR NON REBATED - BRICK CLADDING 04- Y-65 JAMB DETAIL - BRICK CLADDING 05- Y-65 CONCRETE GROUND FLOOR FULLY REBATED - BRICK CLADDING 06- Y-65 TIMBER GROUND FLOOR FULLY REBATED - BRICK CLADDING





Get **WORKING**SPEC from Apple App Store/Google Play

#### 1 November 2017

#### **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.

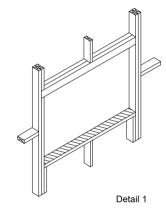
#### Step P1 – Preliminary Check

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 underlav.

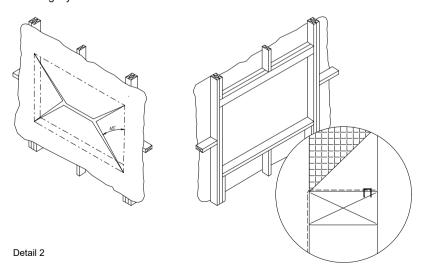
Amend 5 Aug 2011 9.1.5 Wall underlays to wall openings Prior to window or door installation: Flexible wall underlay shall be cut and dressed into all sides of openings as per Figure 72A and B,

1 November 2017

To achieve this, follow these steps;

- a. Cut the building underlay at 45° away from each corner.
- b. 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.

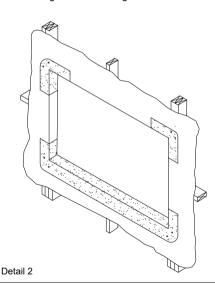
- b) Flexible flashing tape shall be applied to head and sill framing as shown in Figures 72A and 72B. Flexible flashing tape shall:
- i) Comply with parts 3.2 and 4 of ICBO Acceptance Criteria AC148, and ii) be compatible with the wall underlay

#### COMMENT:

Dressing the wall underlay around the Amend 5 | Dressing use wan undersay a series and providing a flexible air seal limits airflow around the window reveal.

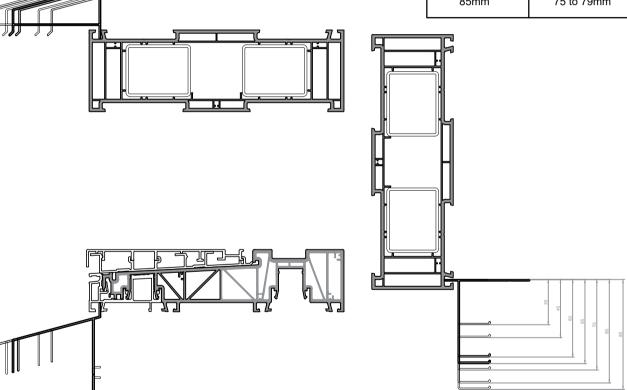
> The flexible flashing tape keeps any water that does get past the cladding, or through the joinery, from direct contact with the

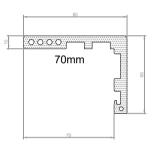
- b. Fit the tape, as described in the manufacturers literature, with the inner edge of the tape flush with the inside line of the framing, so that it extends a minimum of 100mm up each jamb ensuring timber framing is covered.
- c. Ensure the tape is securely adhered to the underlay on all surfaces and 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.



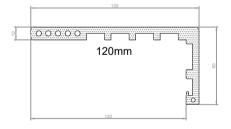
Note: Ensure all exposed timber is covered, particularily in the corners. This may mean the tape has to extend further than nominated.

FLASHING KITS	RECOMMENDED CLADDING DIMs	SOME TYPICAL APPLICATIONS
35mm	25 to 29mm	19 Cavity & 9mm Sheet -OR- 19 Cavity & Folded Metal Cladding
45mm	35 to 39mm	19 Cavity & 19mm Sheet -OR- 19 Cavity & Rusticated Weatherboard
60mm	50 to 54mm	19 Cavity & Bevel-Back Weatherboard -OR- 45 Cavity & 9mm Sheet
65mm	55 to 59mm	50 Cavity & 70 Brick -OR- 45 Cavity & Folded Metal Cladding
70mm	60 to 69mm	45 Cavity & 19mm Sheet -OR- 45 Cavity & Rusticated Weatherboard
80mm	70 to 74mm	19 Cavity & Bevel-Back Weatherboard with Facings
85mm	75 to 79mm	45 Cavity & Bevel-Back Weatherboard





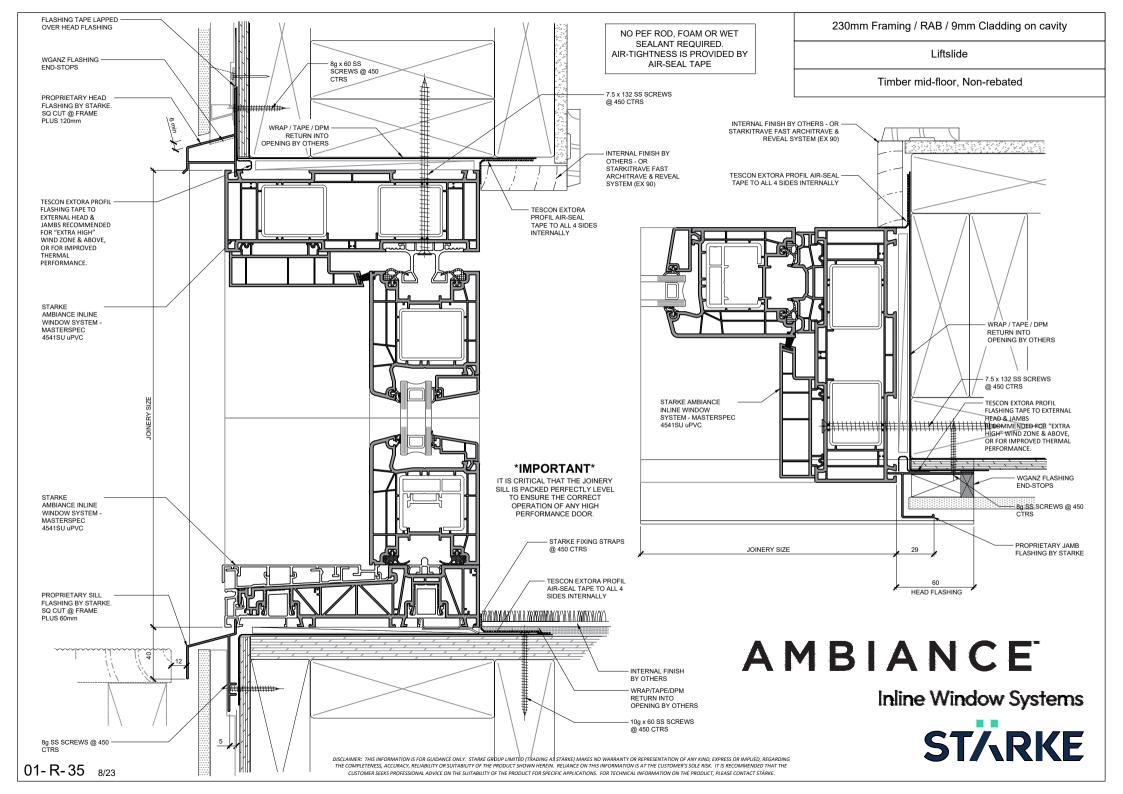


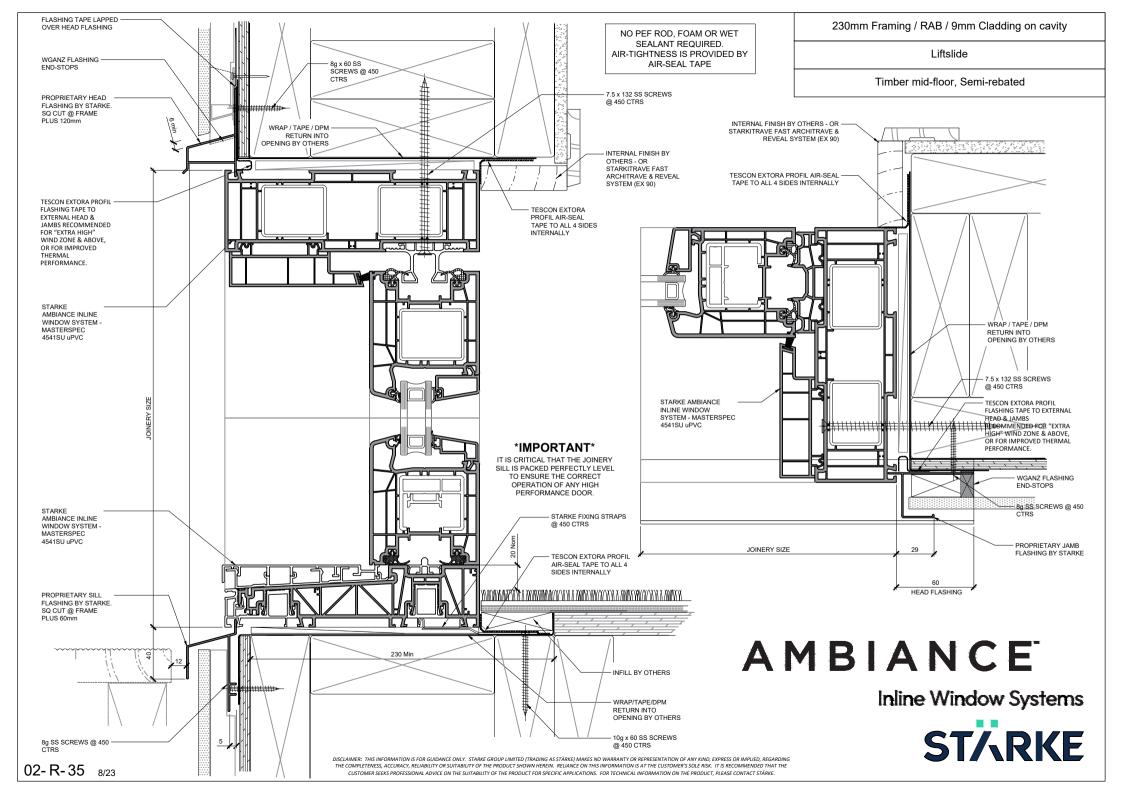


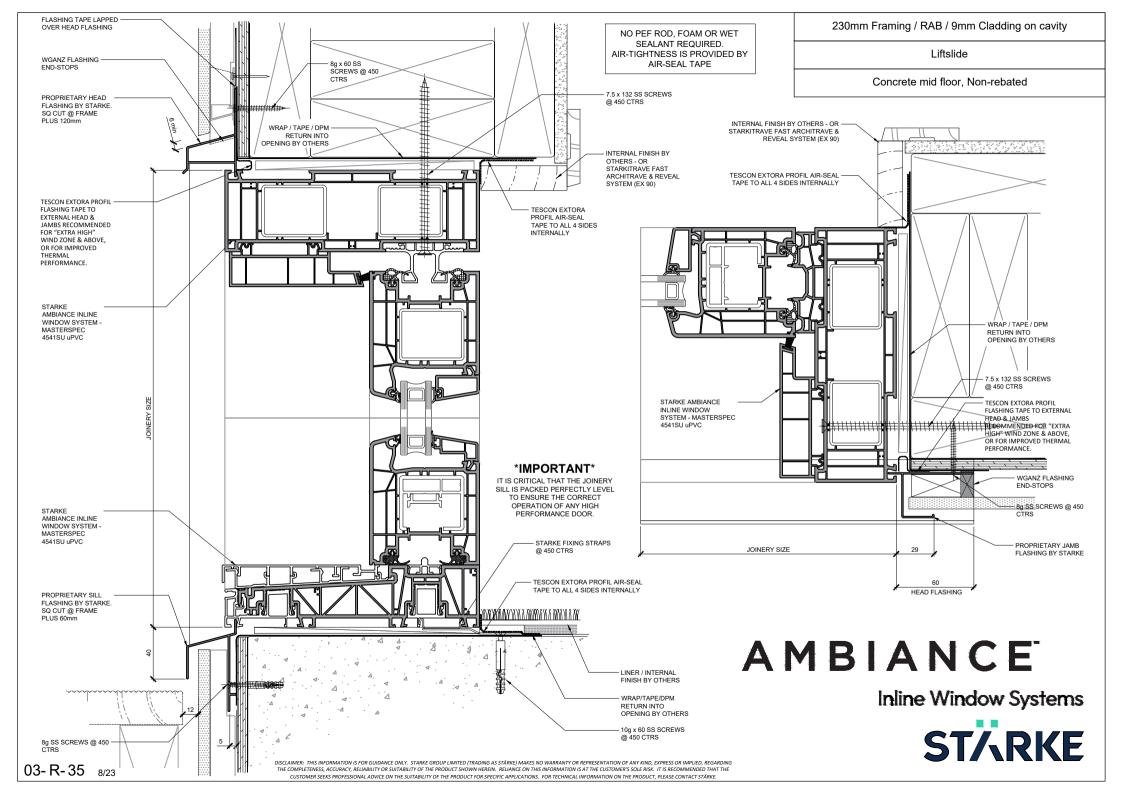
### AMBIANCE

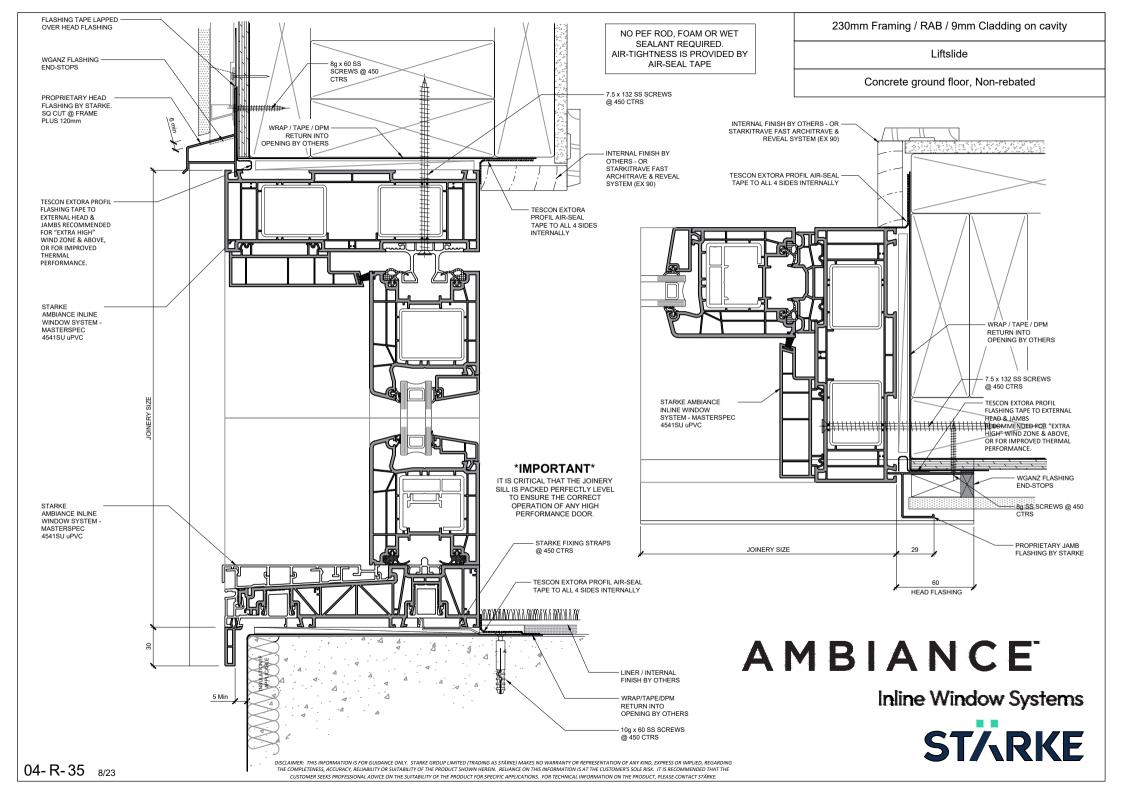
Inline Window Systems

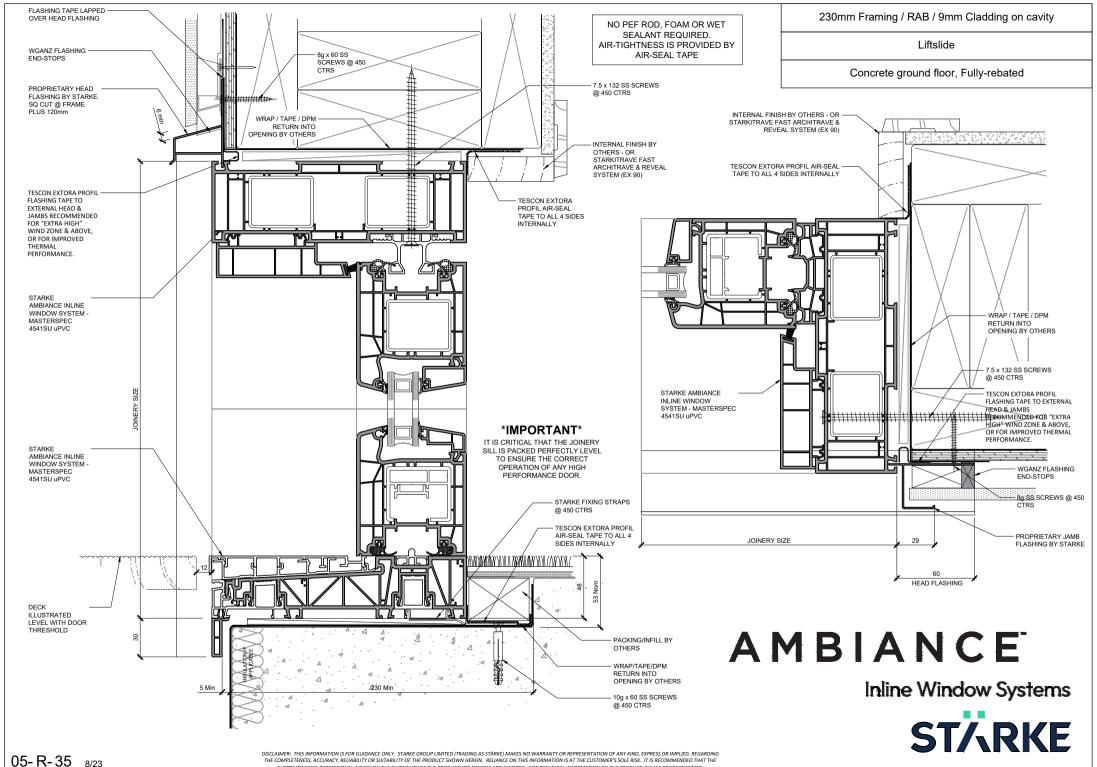


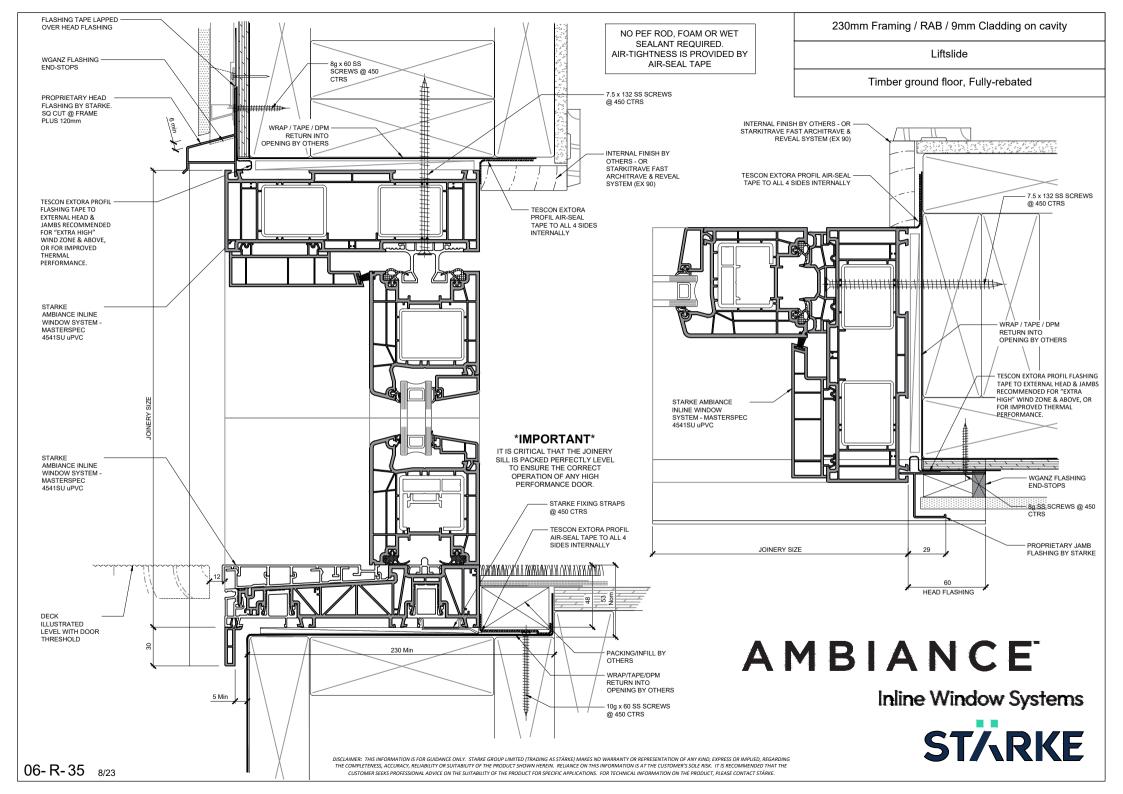


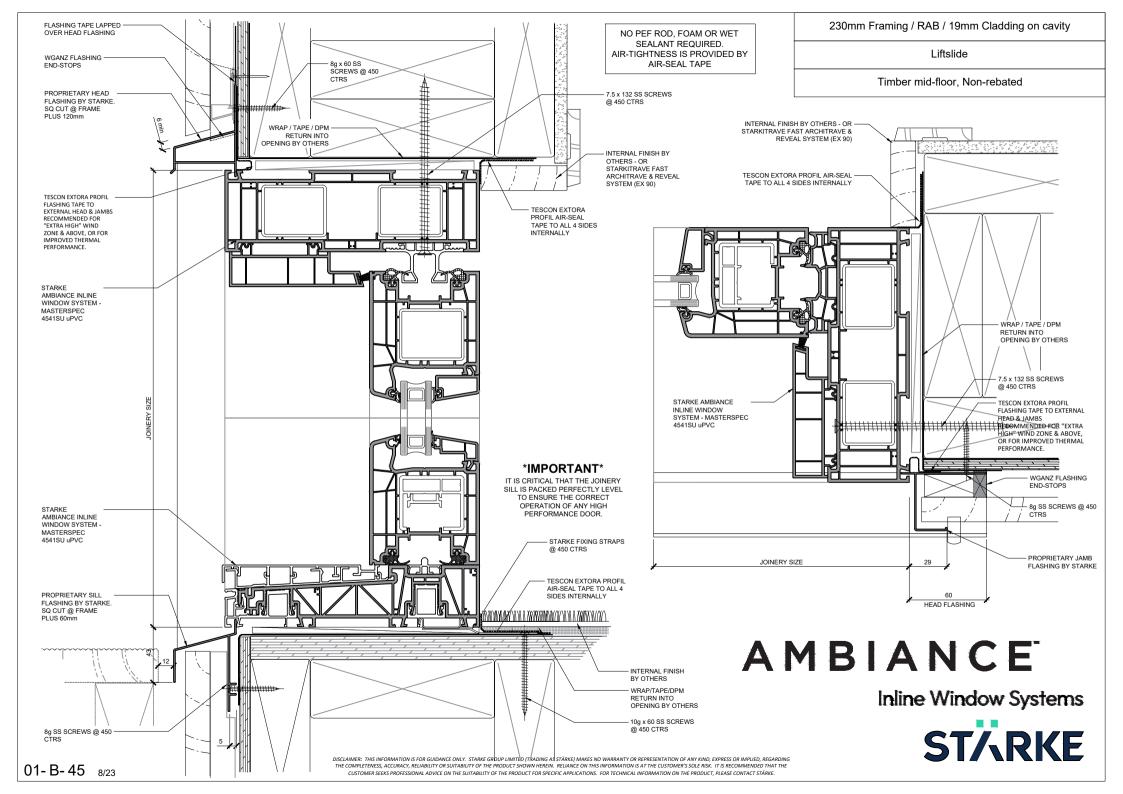


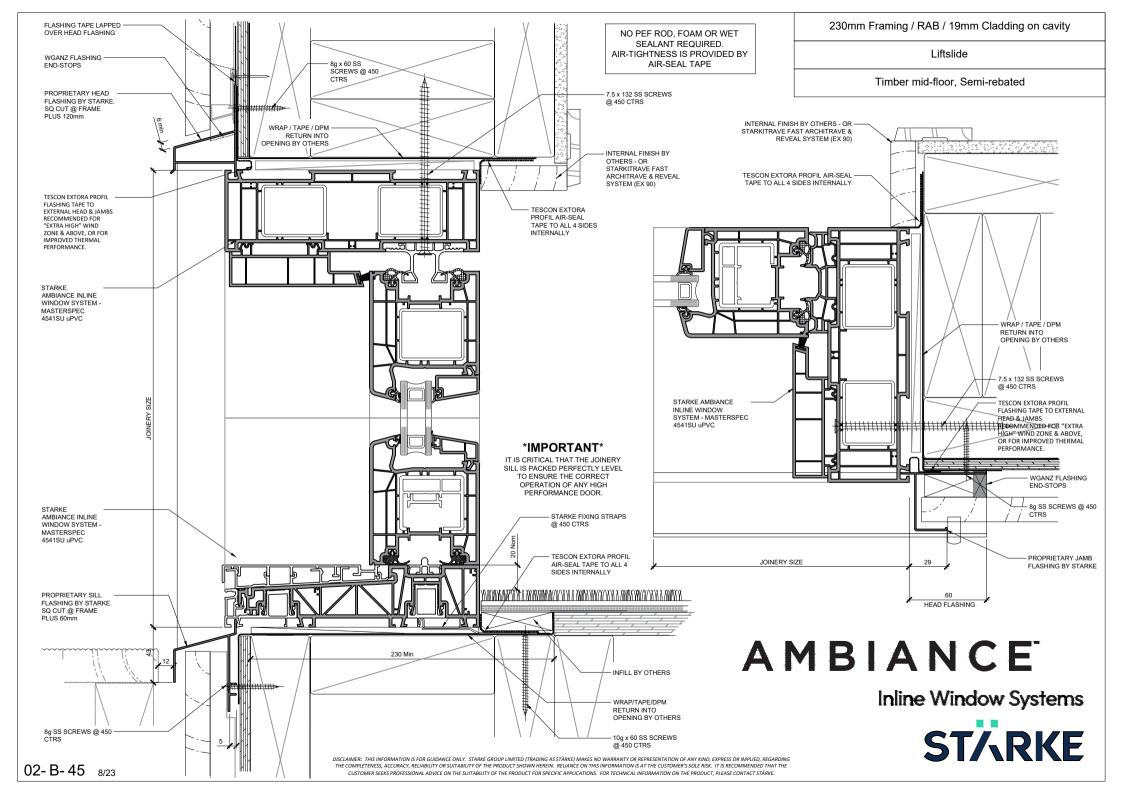


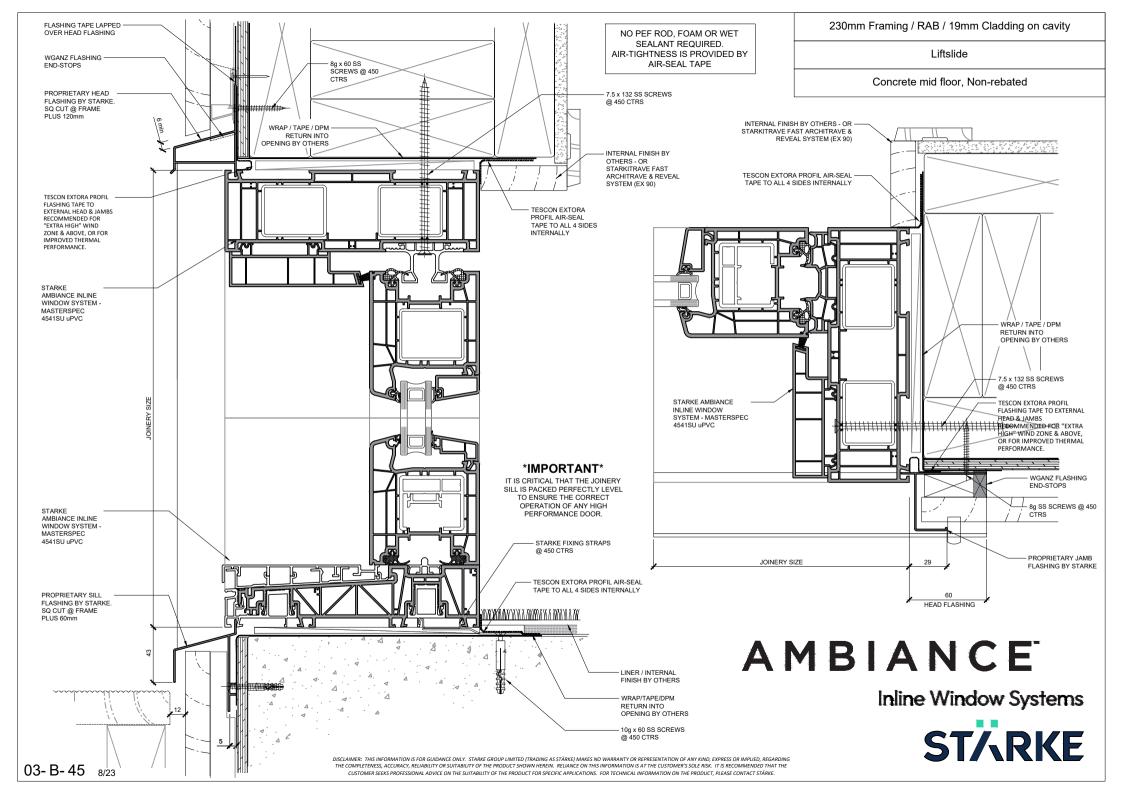


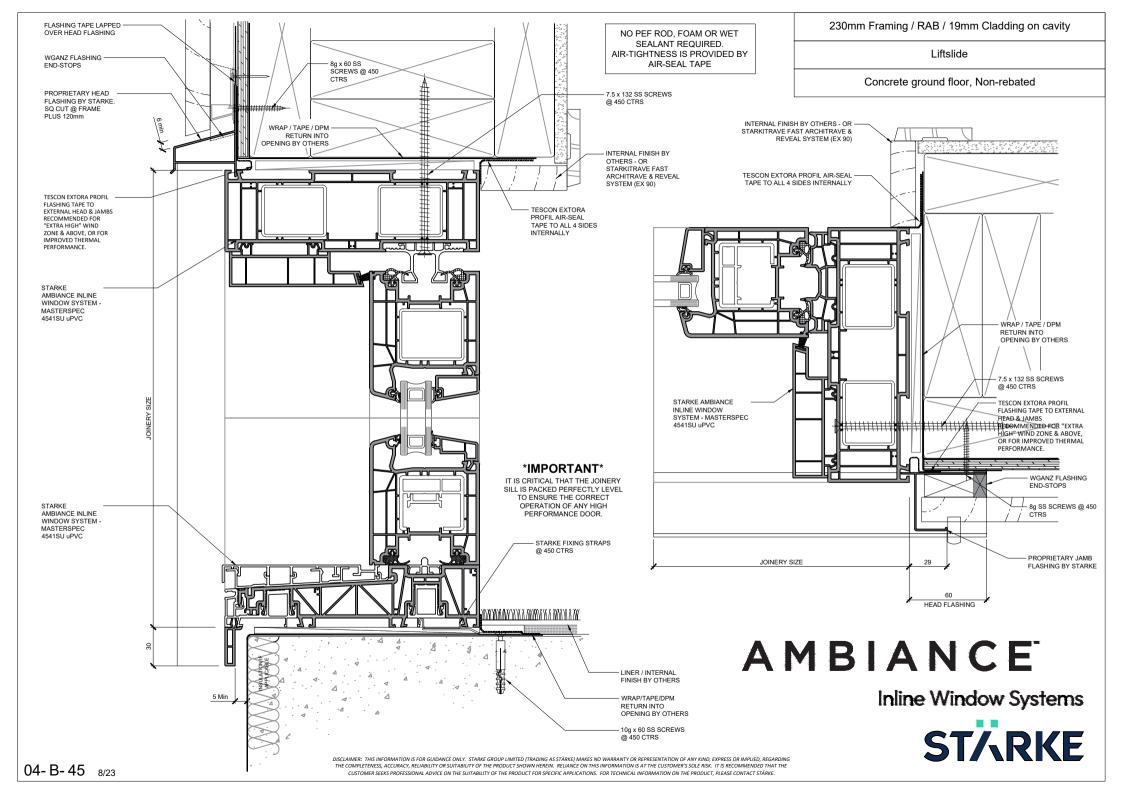


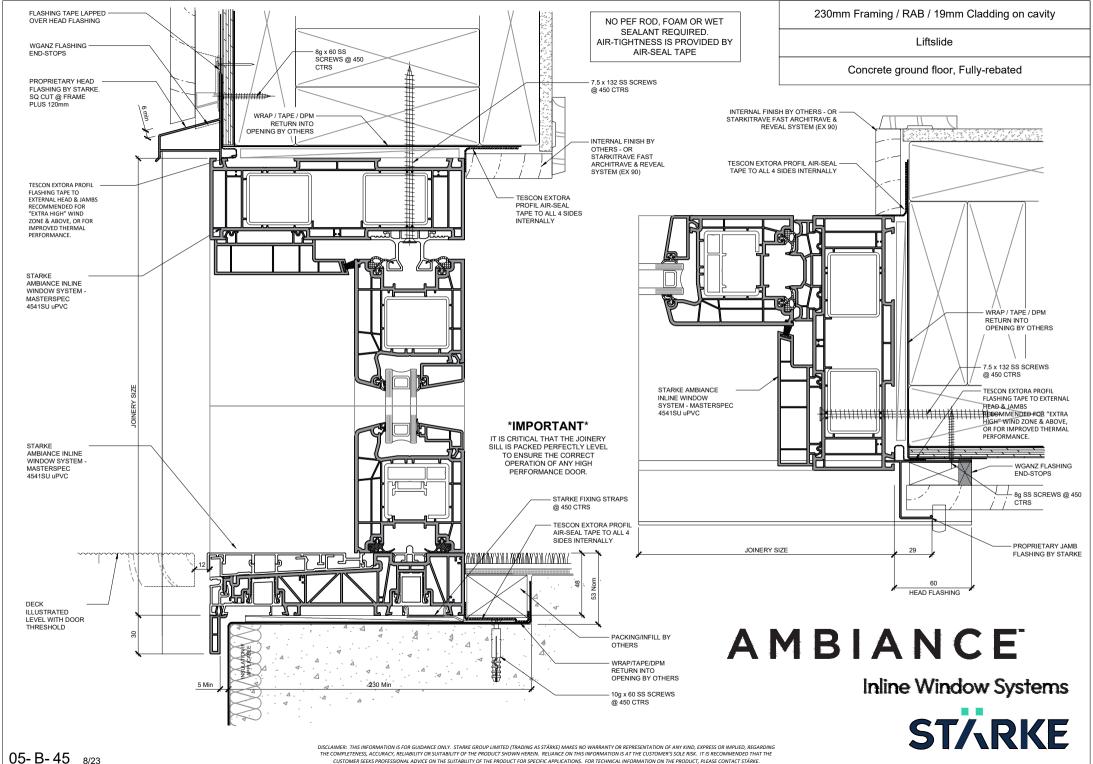


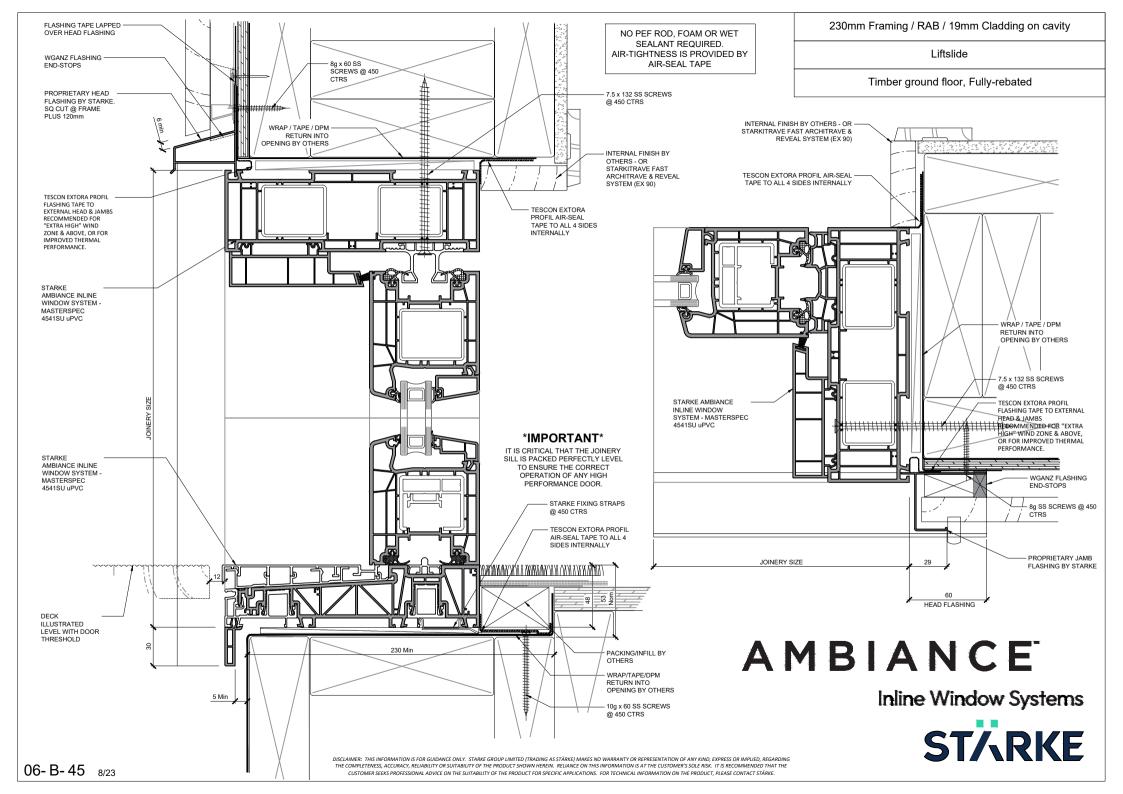


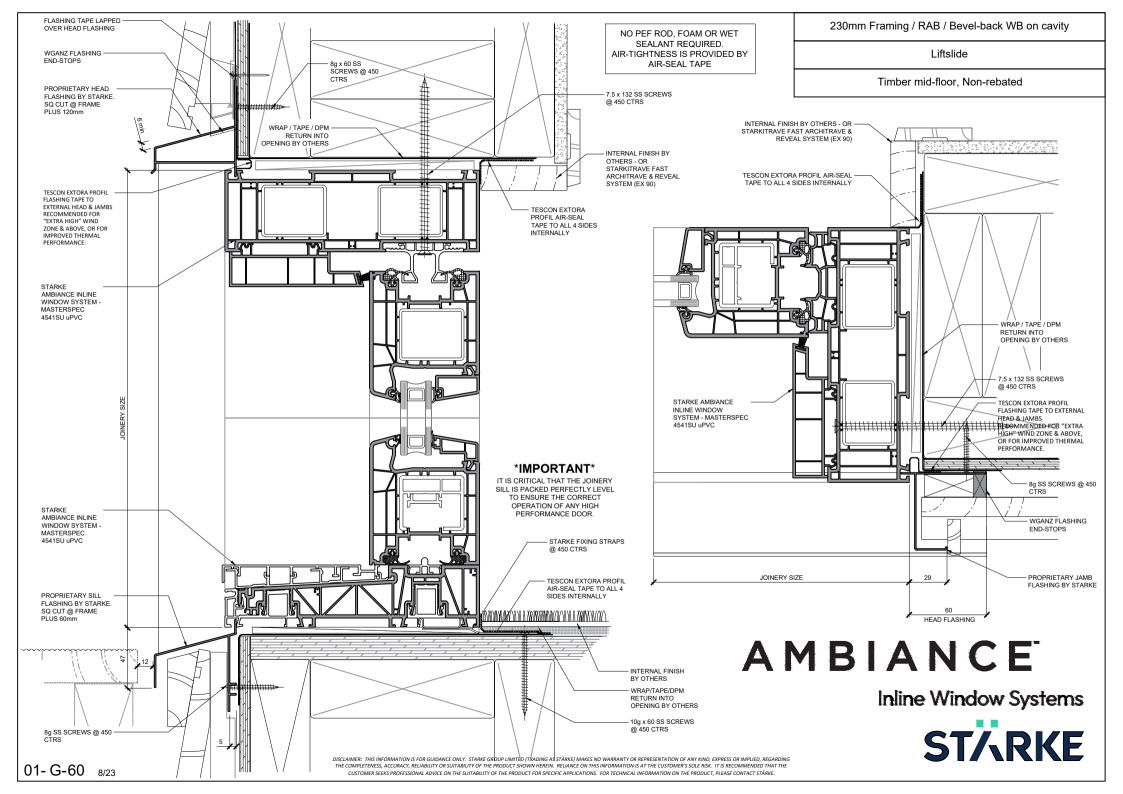


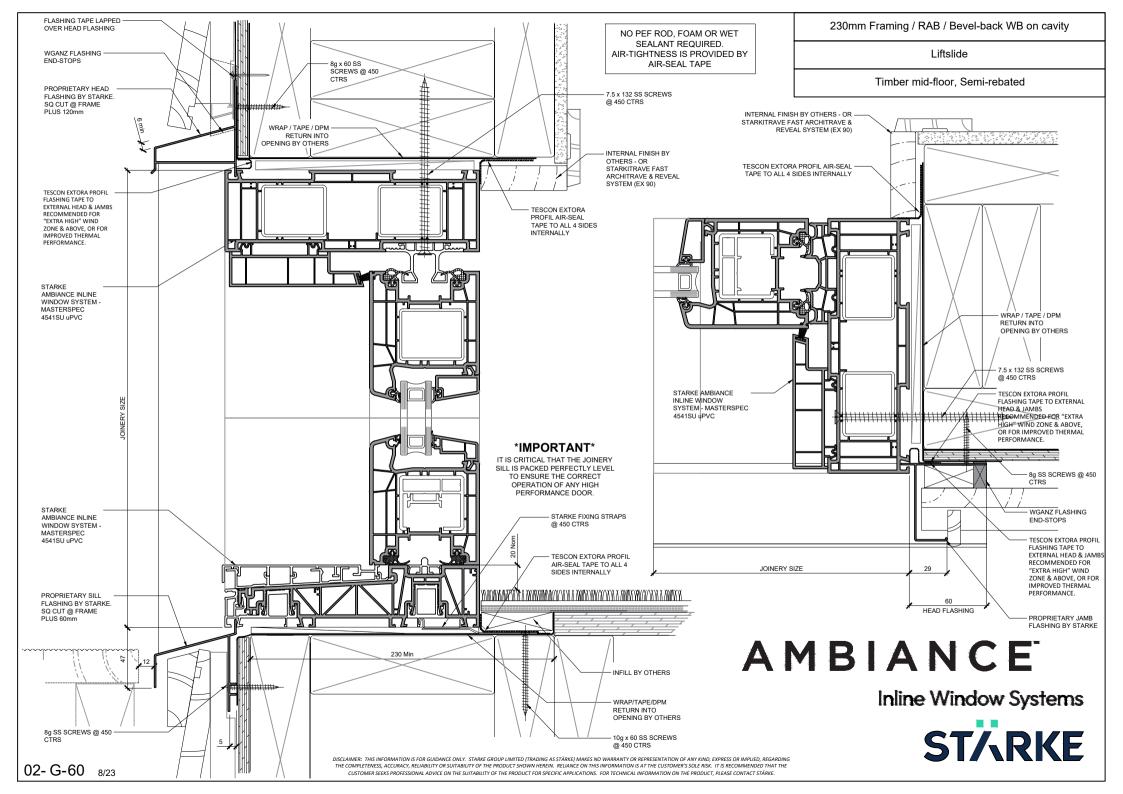


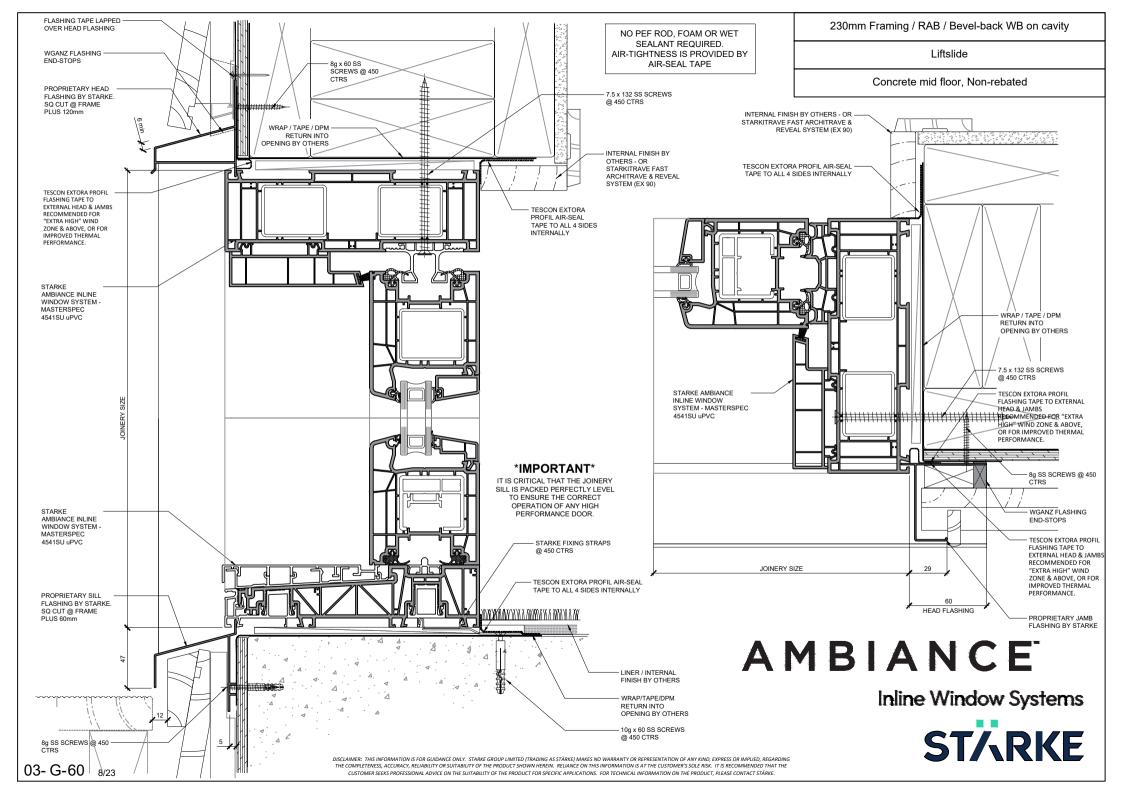


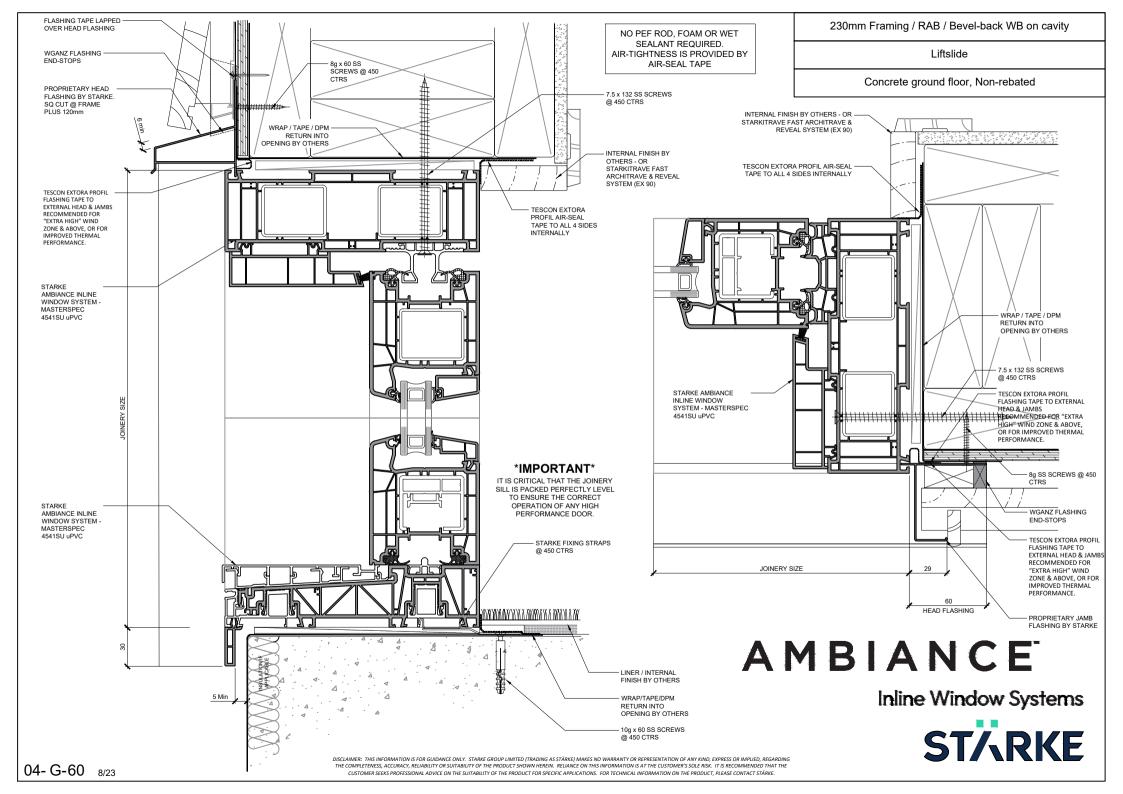


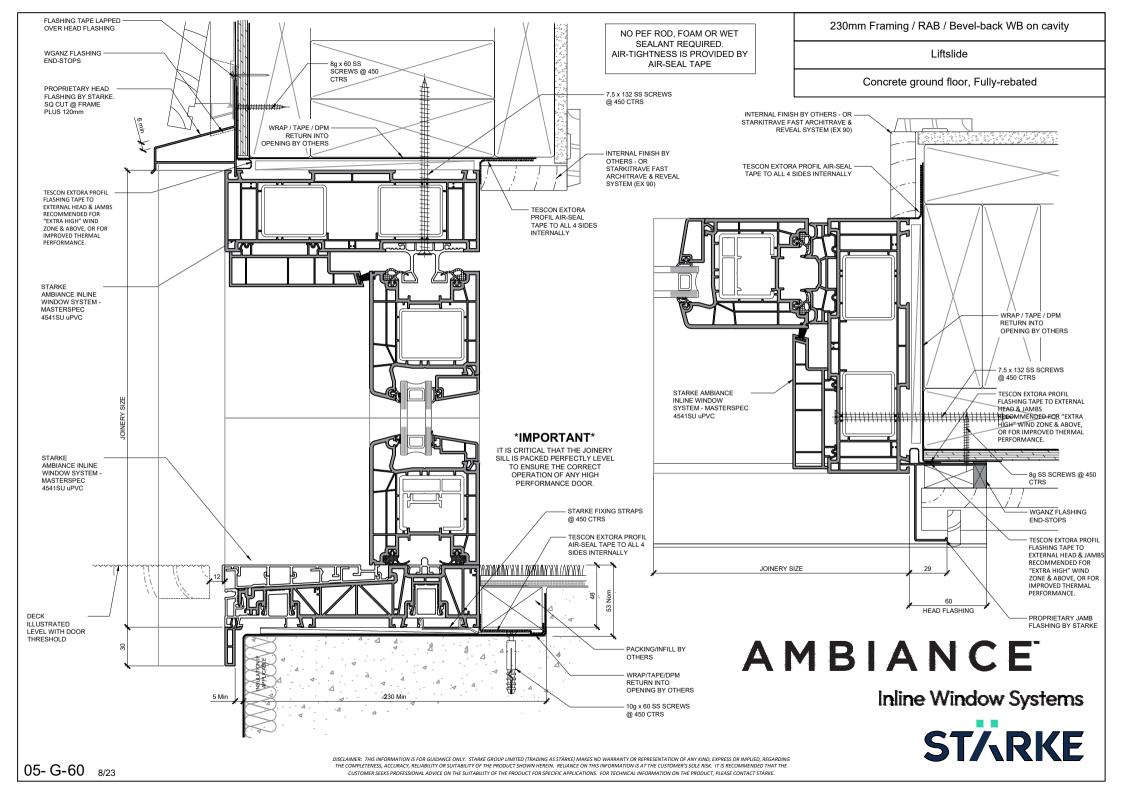


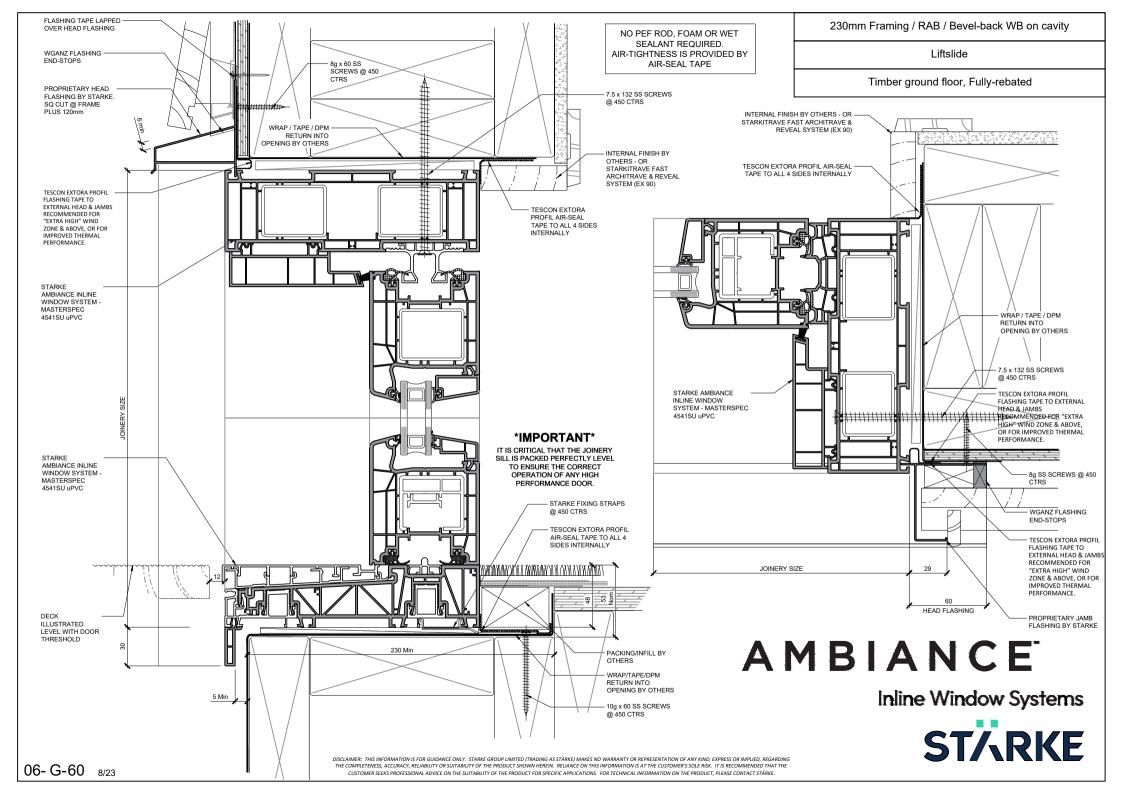


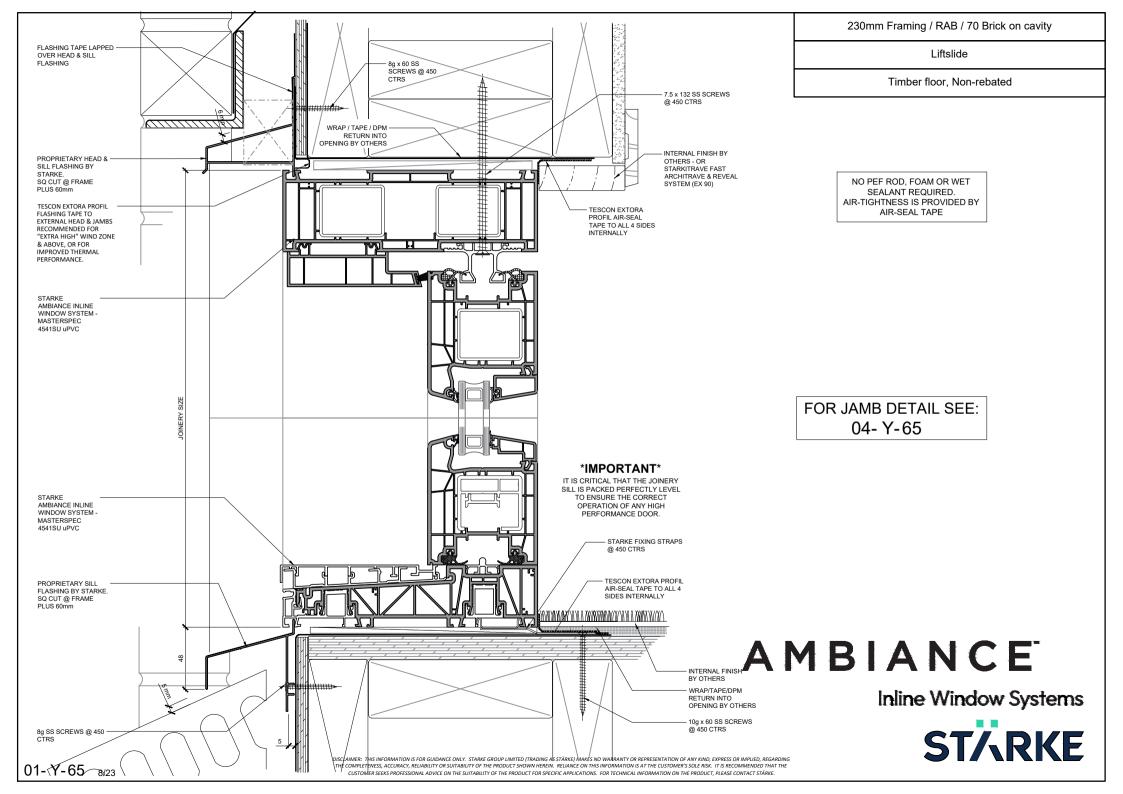


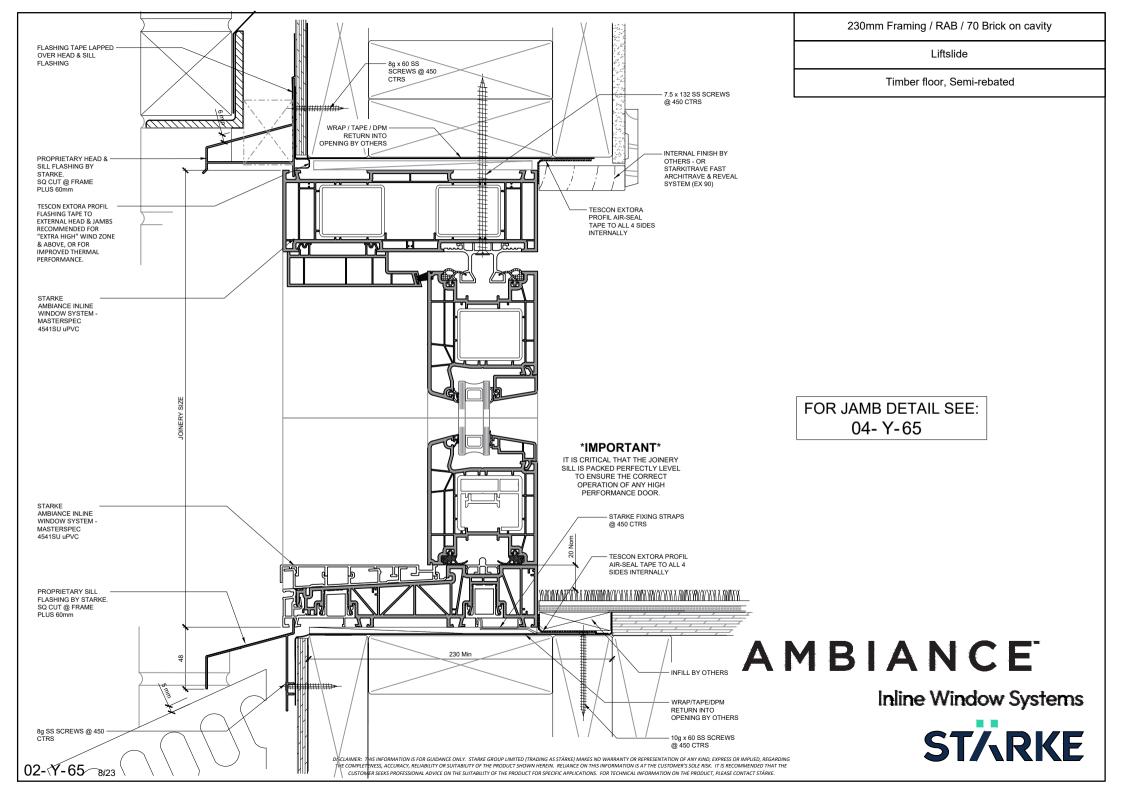


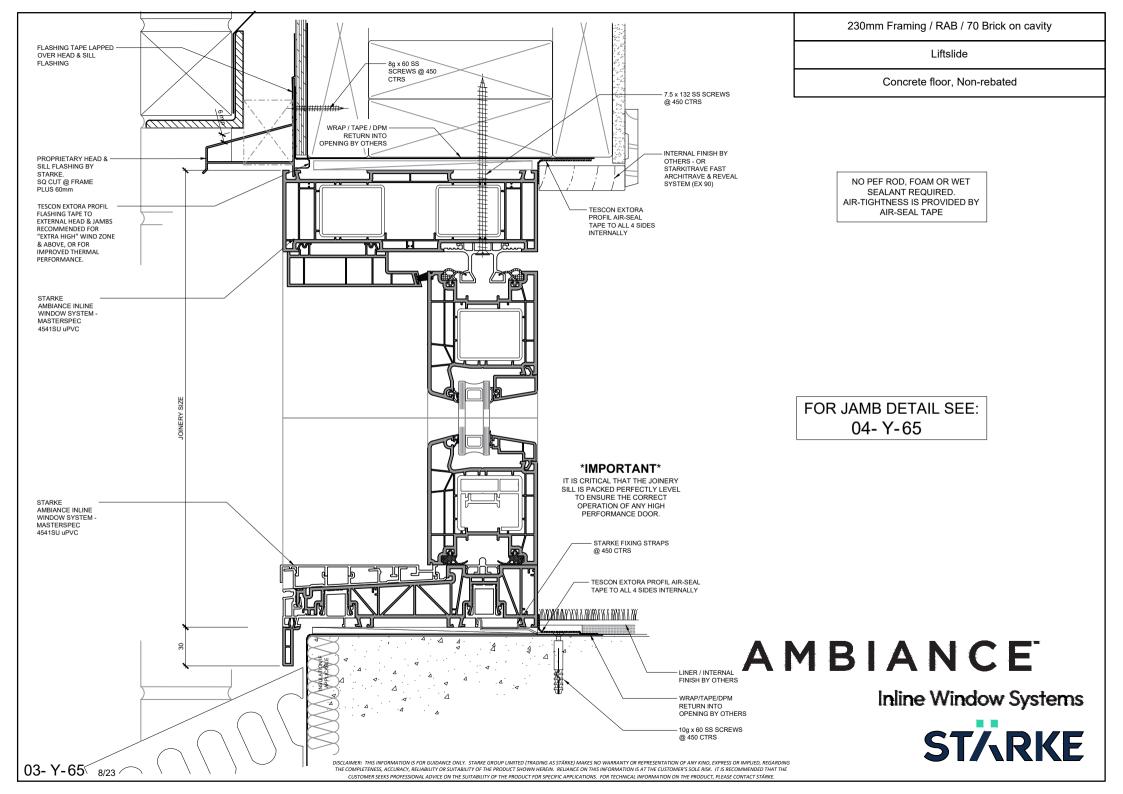










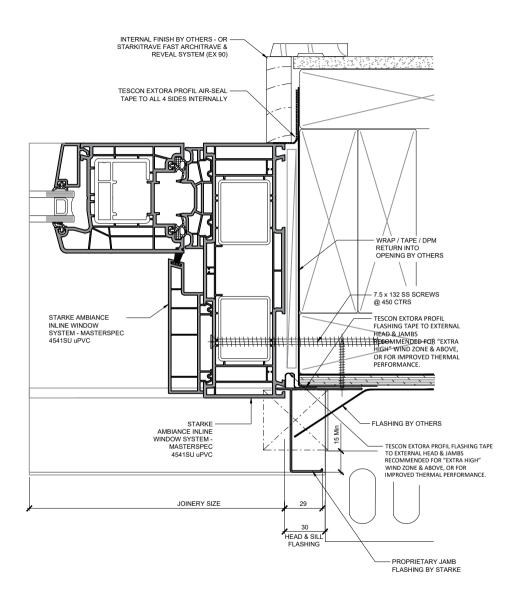


230mm Framing / RAB / 70 Brick on cavity

Liftslide

Timber floor, Non-rebated

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



## AMBIANCE

Inline Window Systems



