SIPS WALL FRAMING 45mm CAVITY METAL CLADDING

E7-G-60

AMBIANCE

Inline Window Systems

S 1	R	K	E

F1	FLASHINGS
A1-G-60	FIXED-LITE WINDOW
A2-G-60	AWNING OPEN OUT WINDOW
A3-G-60	OPEN-IN / TILT & TURN WINDOW
A4-G-60	SLIDING WINDOW
B1-G-60	TIMBER FLOOR NON REBATED - FULL HEIGHT FIXED-LITE
B2-G-60	TIMBER FLOOR NON REBATED - HINGED DOOR OPEN OUT
B3-G-60	TIMBER FLOOR NON REBATED - HINGED DOOR OPEN IN
B4-G-60	TIMBER FLOOR NON REBATED - SLIDING DOOR
B5-G-60	TIMBER FLOOR NON REBATED - STACKER DOOR
B6-G-60	TIMBER FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN OUT
B7-G-60	TIMBER FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN IN
E1-G-60	CONCRETE GND FLOOR NON REBATED - FULL HEIGHT FIXED-LITE
E2-G-60	CONCRETE GND FLOOR NON REBATED - HINGED DOOR OPEN OUT
E3-G-60	CONCRETE GND FLOOR NON REBATED - HINGED DOOR OPEN IN
E4-G-60	CONCRETE GND FLOOR NON REBATED - SLIDING DOOR
E5-G-60	CONCRETE GND FLOOR NON REBATED - STACKER DOOR
F6-G-60	CONCRETE GND FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN OUT

CONCRETE GND FLOOR NON REBATED - LOW PROFILE HINGED DOOR OPEN IN



interactive assembly

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

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.

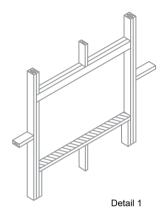
Step P1 – Preliminary Check

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:

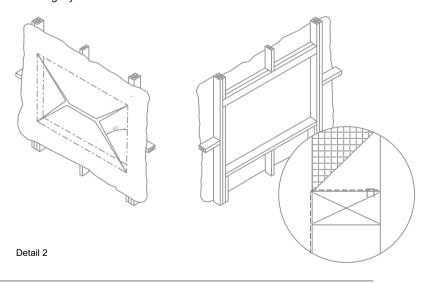
Flexible wall underlay shall be cut and dressed into all sides of openings as per Figure 72A and B,

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.

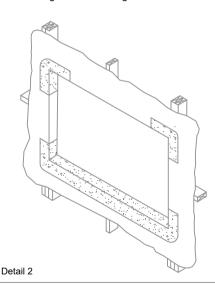
- b) Flexible flashing tape shall be applied to head and sill framing as shown in Figures 72A and 72B. Flexible flashing tape shall:
- i) Comply with parts 3.2 and 4 of ICBO
 Acceptance Criteria AC148, and
 ii) be compatible with the wall underlay

COMMENT:

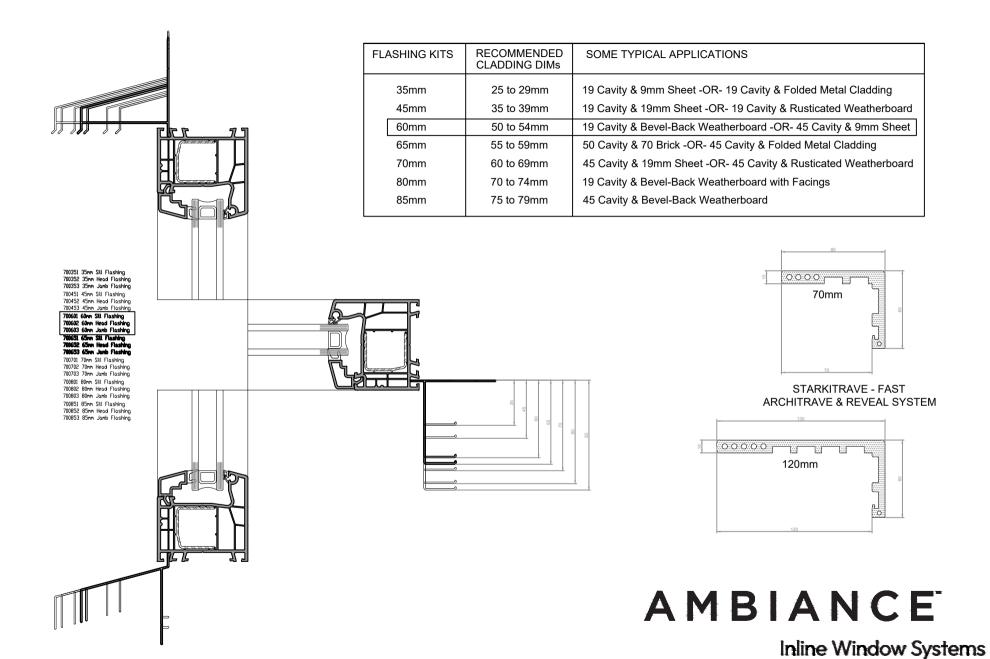
Amend 5 | Dressing the wall underlay around the framing timber and providing a flexible air seal limits airflow around the window reveal

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.

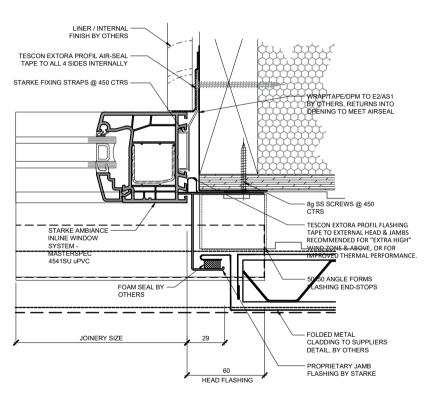


STARKE



Fixed Lite

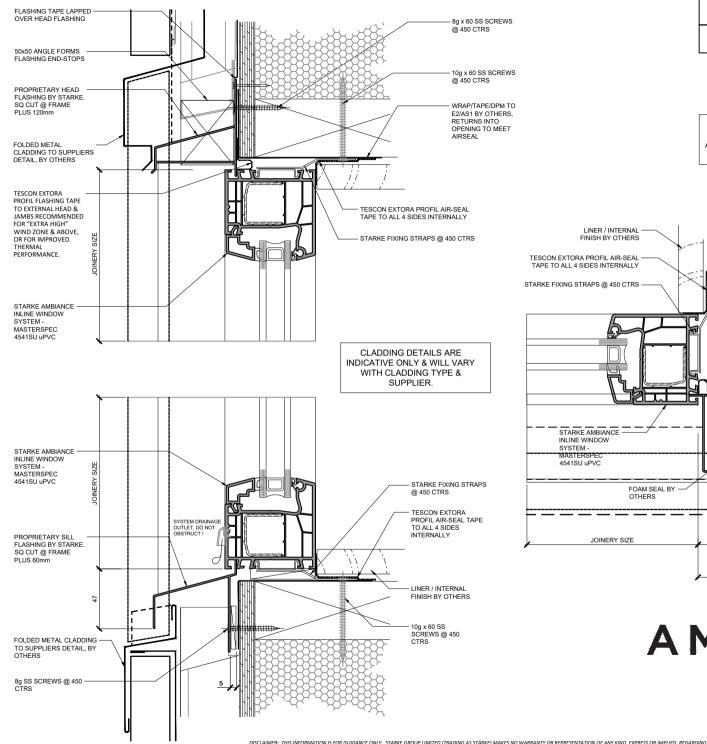
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

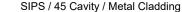
Inline Window Systems





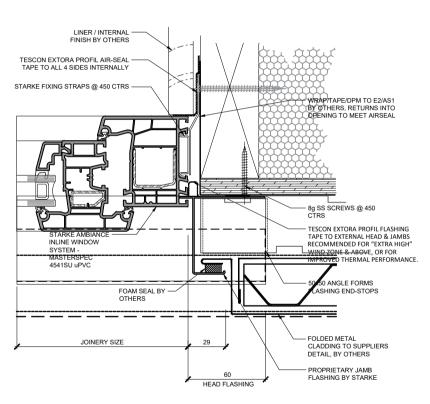
THE COMPLETENESS, ACCURACY, RELIABILITY OR SUITABILITY OF THE PRODUCT SHOWN HEREIN. RELIANCE ON THIS INFORMATION IS AT THE CUSTOMER'S SOLE RISK. IT IS RECOMMENDED THAT THE

CUSTOMER SEEKS PROFESSIONAL ADVICE ON THE SUITABILITY OF THE PRODUCT FOR SPECIFIC APPLICATIONS. FOR TECHNICAL INFORMATION ON THE PRODUCT, PLEASE CONTACT STÄRKE.



Awning Window

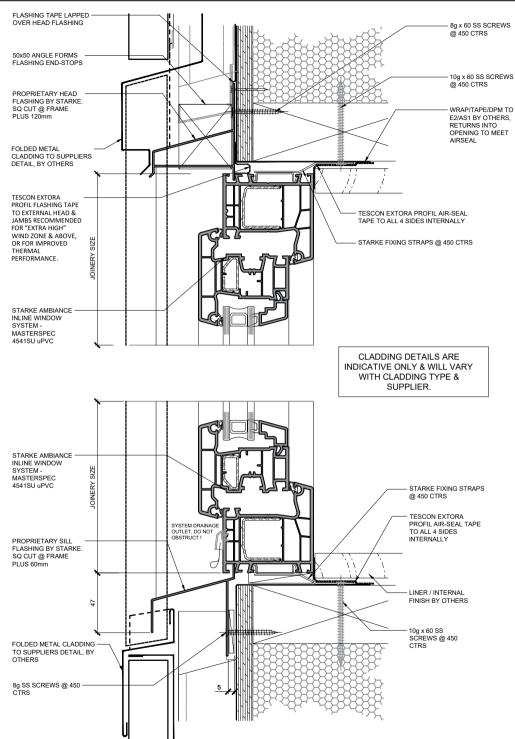
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems



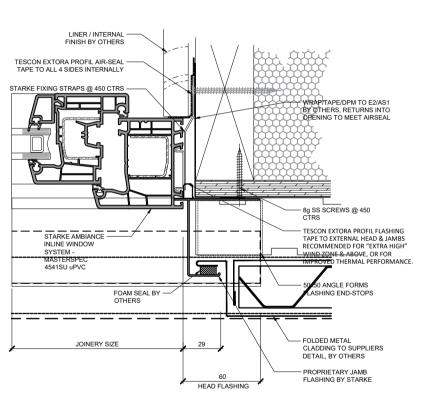


DISCLAIMER: THIS INFORMATION IS FOR GUIDANCE ONLY. STARKE GROUP LIMITED (TRADING AS STÄRKE) MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, REGARDING
THE COMPLETENESS, ACCURACY, RELIABILITY OR SUITABILITY OF THE PRODUCT SHOWN HEREIN. RELIANCE ON THIS INFORMATION IS AT THE CUSTOMER'S SOLE RISK. IT IS RECOMMENDED THAT THE

CUSTOMER SEEKS PROFESSIONAL ADVICE ON THE SUITABILITY OF THE PRODUCT FOR SPECIFIC APPLICATIONS. FOR TECHNICAL INFORMATION ON THE PRODUCT, PLEASE CONTACT STÄRKE.

Tilt & Turn

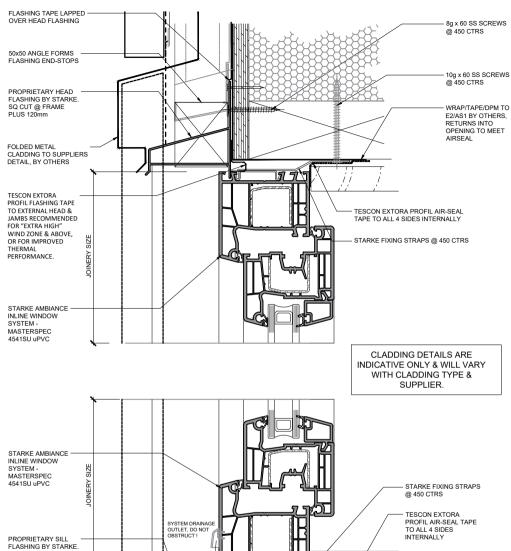
NO PEF ROD, FOAM OR WET SEALANT REQUIRED. AIR-TIGHTNESS IS PROVIDED BY AIR-SEAL TAPE



AMBIANCE

Inline Window Systems





0

LINER / INTERNAL FINISH BY OTHERS

10g x 60 SS

SCREWS @ 450 CTRS

DISCLAIMER: THIS INFORMATION IS FOR GUIDANCE ONLY. STARKE GROUP LIMITED (TRADING AS STÄRKE) MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, REGARDING
THE COMPLETENESS, ACCURACY, RELIABILITY OR SUITABILITY OF THE PRODUCT SHOWN HEREIN. RELIANCE ON THIS INFORMATION IS AT THE CUSTOMER'S SOLE RISK. IT IS RECOMMENDED THAT THE

CUSTOMER SEEKS PROFESSIONAL ADVICE ON THE SUITABILITY OF THE PRODUCT FOR SPECIFIC APPLICATIONS. FOR TECHNICAL INFORMATION ON THE PRODUCT, PLEASE CONTACT STÄRKE.

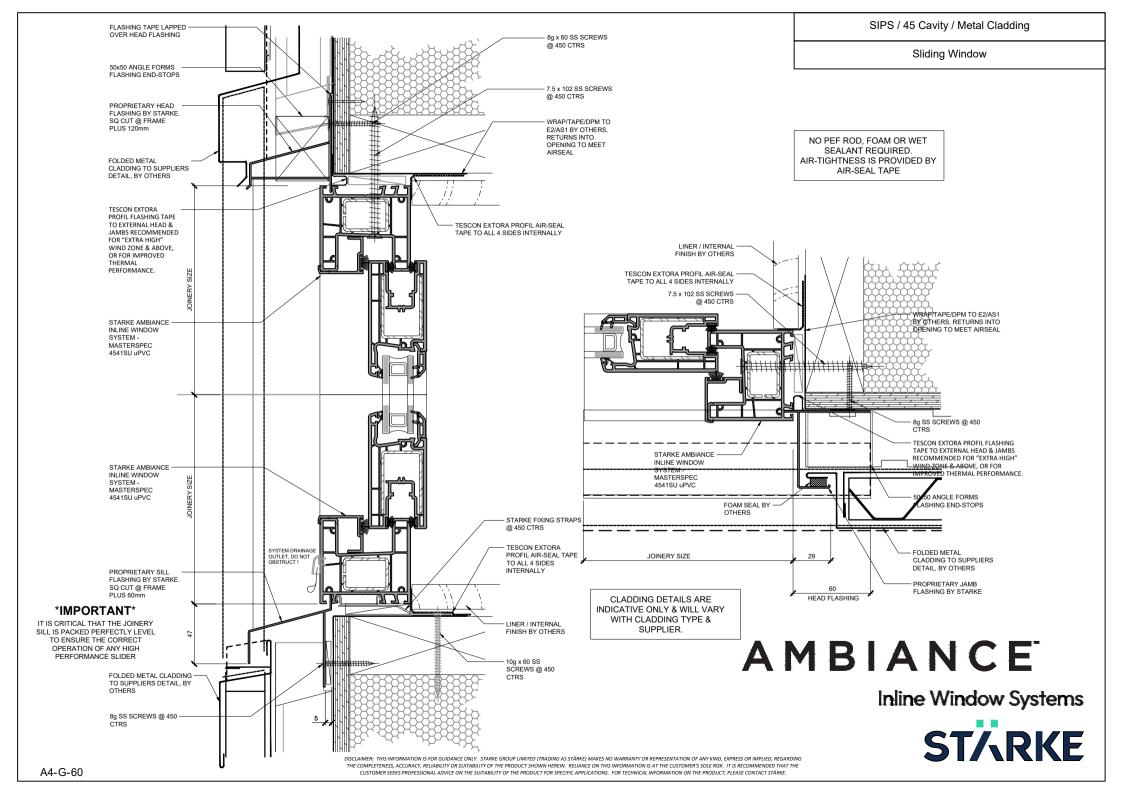
SQ CUT @ FRAME

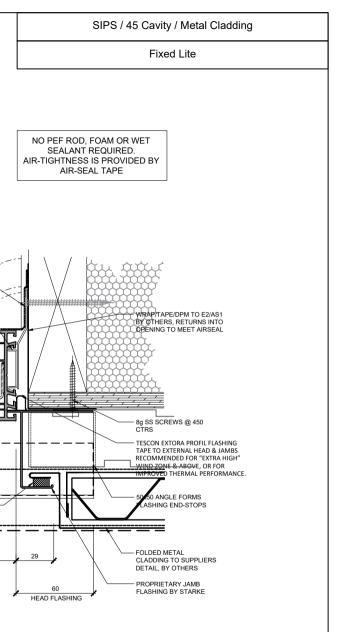
FOLDED METAL CLADDING TO SUPPLIERS DETAIL, BY

8g SS SCREWS @ 450 CTRS

PLUS 60mm

OTHERS





AMBIANCE

LINER / INTERNAL

FINISH BY OTHERS

STARKE AMBIANCE

FOAM SEAL BY

OTHERS

JOINERY SIZE

INLINE WINDOW

SYSTEM -

DISCLAIMER: THIS INFORMATION IS FOR GUIDANCE ONLY. STARKE GROUP LIMITED (TRADING AS STÄRKE) MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, REGARDING THE COMPLETENESS, ACCURACY, RELIABILITY OR SUITABILITY OF THE PRODUCT SHOWN HEREIN. RELIANCE ON THIS INFORMATION IS AT THE CUSTOMER'S SOLE RISK. IT IS RECOMMENDED THAT THE

CUSTOMER SEEKS PROFESSIONAL ADVICE ON THE SUITABILITY OF THE PRODUCT FOR SPECIFIC APPLICATIONS. FOR TECHNICAL INFORMATION ON THE PRODUCT, PLEASE CONTACT STÄRKE.

Inline Window Systems



