PURe® FOLD

PURe® FOLD

INLINE Cleat Manual 2017

PURe® FOLD – INLINE Cleat

Introduction

The Company

Senior Architectural Systems are a group of companies based in the United Kingdom who operate through a network of regional Service Centres.
Its' operations include the main business of stockholding in both systemized and standard aluminium extrusions. Mill finish, anodised (natural and bronze), and powder coated sections are all available, along with all of the necessary accessories for manufacture. The incorporation of new or modified sections, system compatible, is carried out when required.
The emphasis is on service to our clients, with response speed being very much of the essence. Deliveries are made on dedicated vehicles in our own livery, into all areas of the country on a regular basis - collections can be easily arranged for direct release (ex. works) to our clients' instructions. Short notice collections can also be arranged in the event of the occasional, and inevitable 'emergency'.

The Product Ranges

Available from Senior Architectural Systems include:-
The PURe® product range comprising: Folding Sliding Doors, Inline Sliding Door, Lift & Slide Doors, Casement and Tilt Turn Open In.
Also available from Senior Architectural Systems include: -
The Aluminium product range comprising: Curtain Wall, Casements, Tilt Turn Open In, Reversible Overswing, Horizontal/Vertical Pivot, Mid-Rise Commercial Windows, Patent Glazing, Standard Angles and Rectangular Tubes, Residential Windows, Commercial Doors, Residential Doors and Secondary Glazing.
Also available from Senior Hybrid Systems include: -
The HYBRID product range comprising: Casement, Tilt Turn Open In, Reversible Overswing, Residential Doors - Open In / Open Out, Lift and Slide Door, Folding Sliding Door, and a Curtain Wall system.

Quality Assurance

We are committed to the aims of ISO 9001 Quality Assurance.

In the event of questions or queries concerning the contents of this manual or any other product on offer from Senior Architectural Systems, please do not hesitate to contact your Regional Service Centre:

Senior Architectural Systems Head Office	***01709 772600***
Senior Architectural Systems Scotland	***01506 407640***
Senior Architectural Systems South	***01633 277880***

Senior Architectural Systems operate a policy of continuing development and reserve the right to amend and improve their products without notification. Every effort will however be made to ensure that up-dates are circulated to our clients for information as deemed necessary.

All items contained in this manual are subject to our normal terms and conditions, a copy of which is available on request. Whilst we make every effort to ensure the accuracy of the drawings and measurements contained in this manual, we neither warrant nor guarantee the accuracy and you should undertake your own measurements and not place any reliance on or act in consequence of the contents herein.

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Scope
This specification covers the materials, sections and accessories generally available from stock through the Senior Architectural Systems group of companies. It illustrates typical recommendations for extending the frame head and threshold of our PURe FOLD Outward & Inward Opening Folding Sliding Door system to achieve the maximum door leaf width. The sections and fittings described in this manual are definitive and exclusive in application and show typical assemblies using standard materials and accessories therein.

Construction
The outer frame head and threshold of our PURe FOLD Outward & Inward Opening Folding Sliding Door systems may be extended within the given limitations. This may be achieved using mechanical inline cleats with support chevron and fixing screws as shown in this manual. A proprietary sealant to protect against water entry, and aluminium glue should be used on all metal-to-metal joints and cleat insertion points at assembly. At all times good working practices should be employed.

Accessories
*All accessories shown in this manual are deemed to be both typical, and suitable for, the application intended. They are generally standard items which carry with them the manufacturers guarantees and are components which are held in stock unless informed otherwise by * in this manual.*

Testing
Refer to the PURe FOLD Outward & Inward Opening Folding Sliding Door system manuals for test information.

Please note that currently any door option that incorporates the PUR235NT Low Threshold cannot be extended by methods shown in this manual.

Separate figures are available for Thermal U-values depending on preferred option, overall size of frame including the proposed glazing specification.

Materials
Extruded aluminium is Aluminium Alloy 6063.T6 to BS EN 755 part 9:2008.
Refer also to our PURe FOLD Outward & Inward Opening Folding Sliding Door system manuals.

Glazing
Refer also to our PURe FOLD Outward & Inward Opening Folding Sliding Door system manuals.

Site Installation
Site fixing of finished frames should take into account all applicable standards with regard to both the method employed and safe working practices.
Frame fixings should be suitable for the purpose given the extended outer frame, site conditions and materials into which the installation is to be made. If in doubt, please check with your fixings supplier regarding type and method to be used.

Size Limitations
Due to extruded profile lengths restricting the maximum overall frame width to 6000mm, the method within this manual allows the maximum door widths to be achieved . Please refer to the relevant deduction pages in section 'D' of our PURe FOLD Outward & Inward Opening Folding Sliding Door manuals.

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Manual Update

Page No	Update Description	Date	By	App'd

Manual Update

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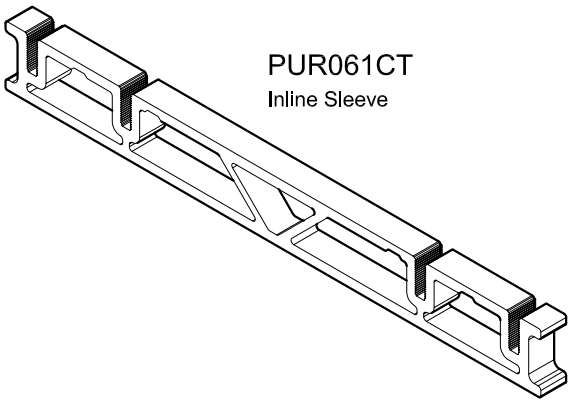
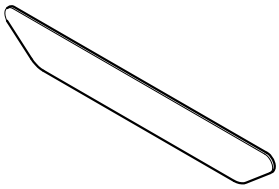
Accessories

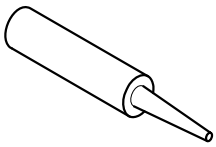


PUR061CT
Inline Sleeve

SW4FL15
Inline Chevron



SFSSH0412
M4 x 12mm Csk
Stainless Steel
Skt Hd Screw



3COS0073
Cosmopur 819
Aluminium Glue

Outerframe Head & Threshold Preparation Details

Fully Framed with PUR230231

PURe.E.01
07.17

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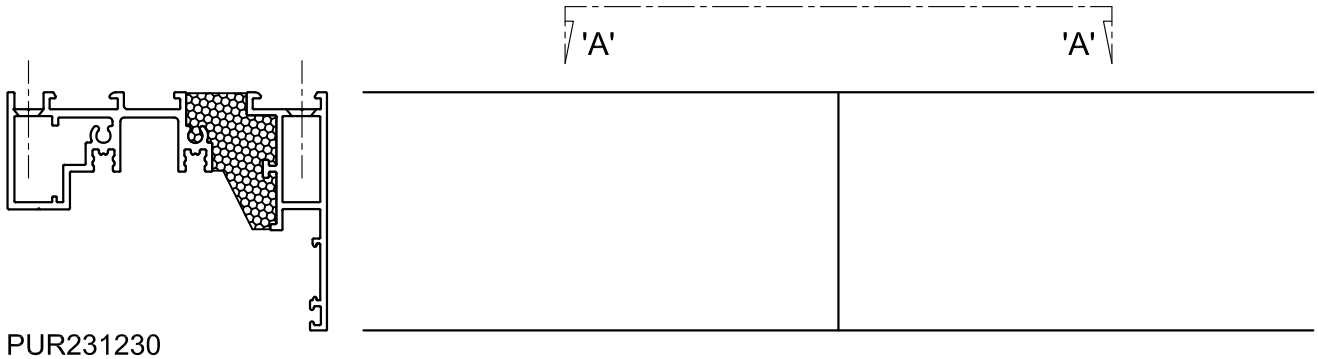
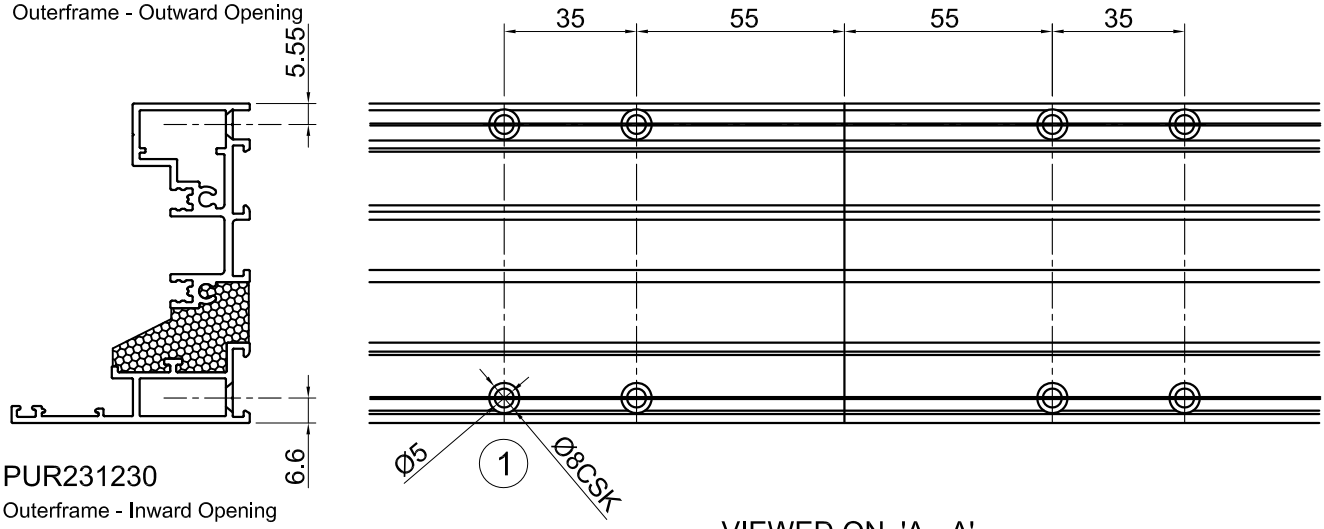
PUR230231 Outerframe - Head Preparation



PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

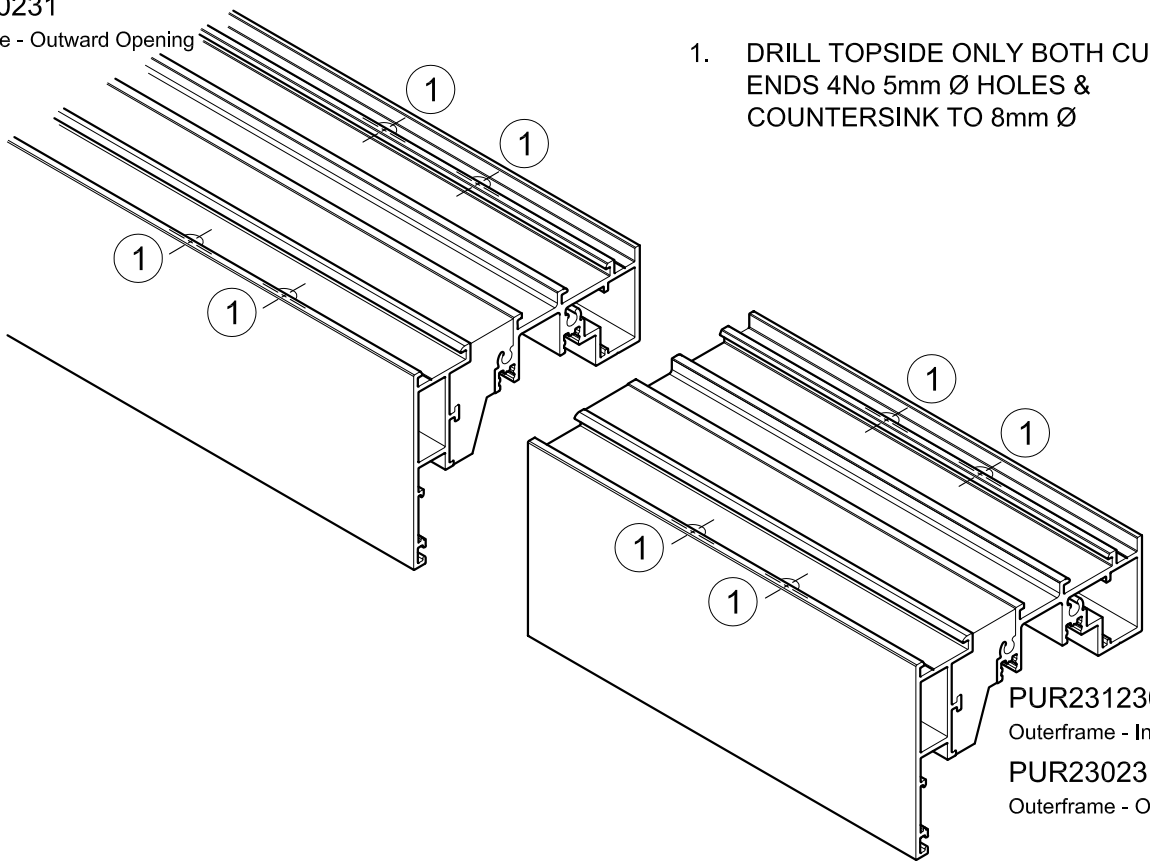


PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

VIEWED ON 'A - A'

1. DRILL TOPSIDE ONLY BOTH CUT ENDS 4No 5mm Ø HOLES & COUNTERSINK TO 8mm Ø



PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

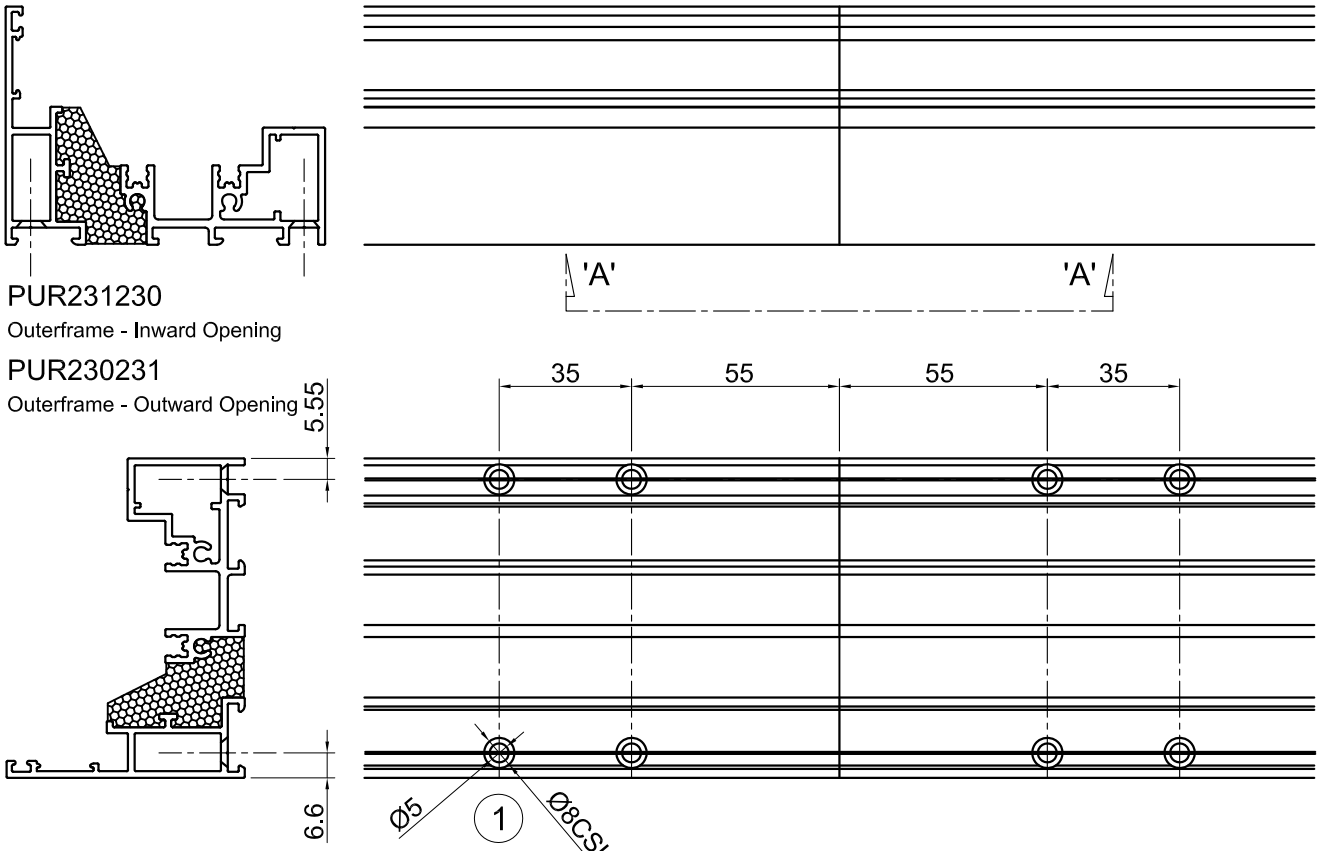
SENIOR ARCHITECTURAL SYSTEMS

PURe® FOLD - INLINE Cleat

PURe.E.02

07.17

PUR230231 Outerframe - Threshold Preparation



PUR231230
Outerframe - Inward Opening

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VIEWED ON 'A - A'

PUR231230
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PUR230231
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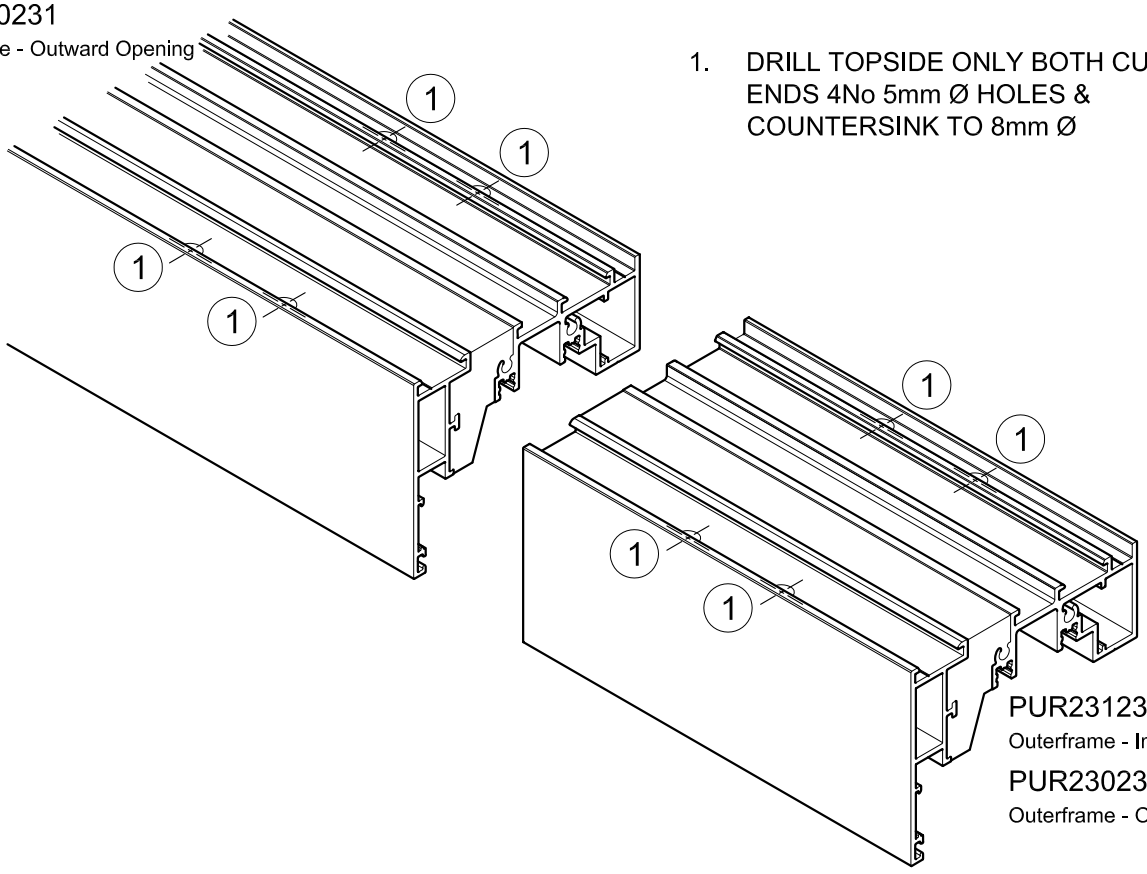
1. DRILL TOPSIDE ONLY BOTH CUT ENDS 4No 5mm Ø HOLES & COUNTERSINK TO 8mm Ø



PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

CCAS REGISTERED ISO 9001 • 14001 • OHSAS 18001 UKAS MANAGEMENT SYSTEMS 055

SAS SENIOR ARCHITECTURAL SYSTEMS

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Outerframe Head & Threshold Assembly Details

Fully Framed with PUR230231

CCAS REGISTERED ISO 9001 • 14001 • OHSAS 18001
UKAS MANAGEMENT SYSTEMS 055

SAS SENIOR ARCHITECTURAL SYSTEMS

PURe.F.01

07.17

PURe® FOLD - INLINE Cleat

PUR230231 Outerframe - Head Assembly

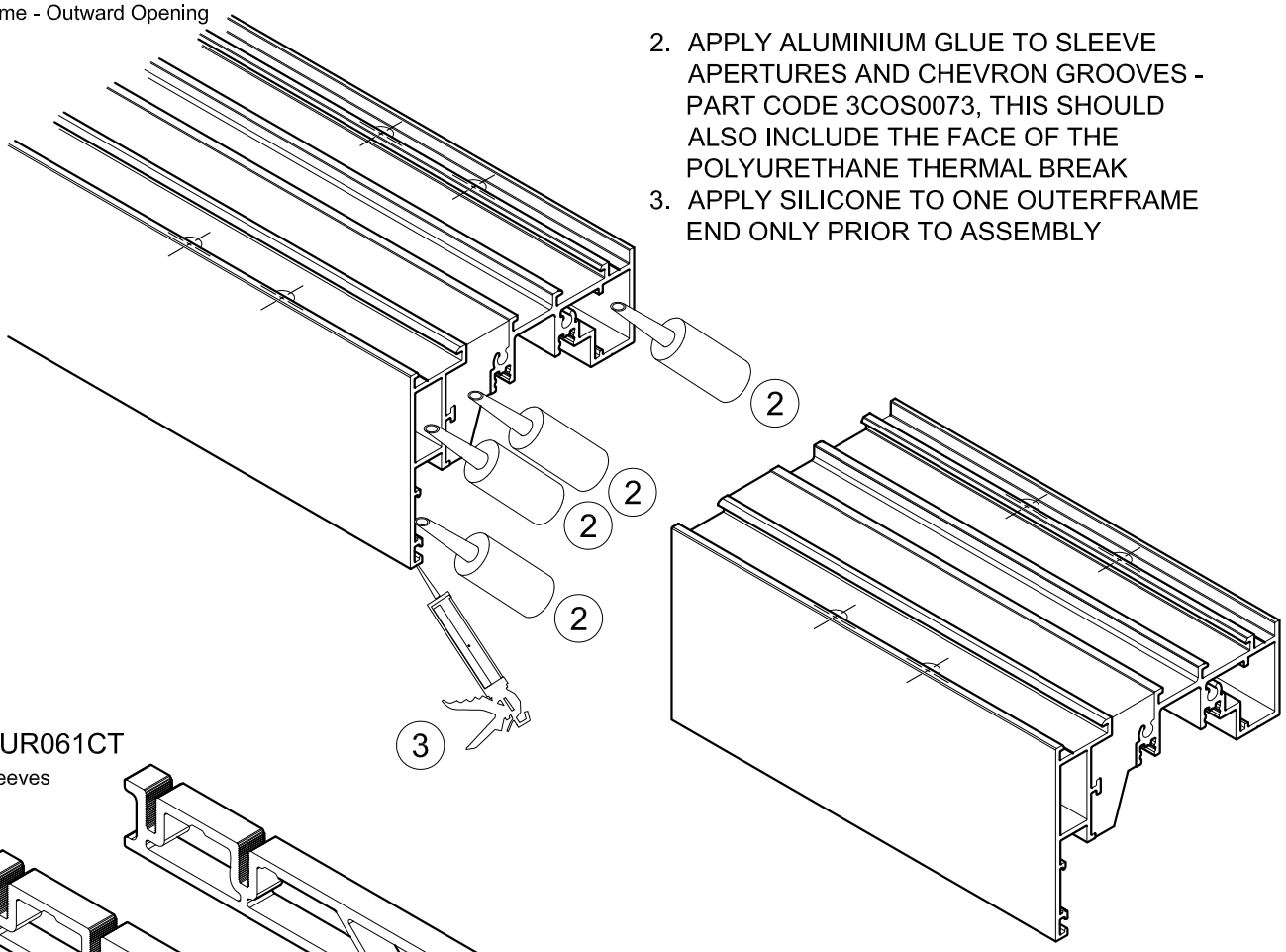
PUR231230

Outerframe - Inward Opening

PUR230231

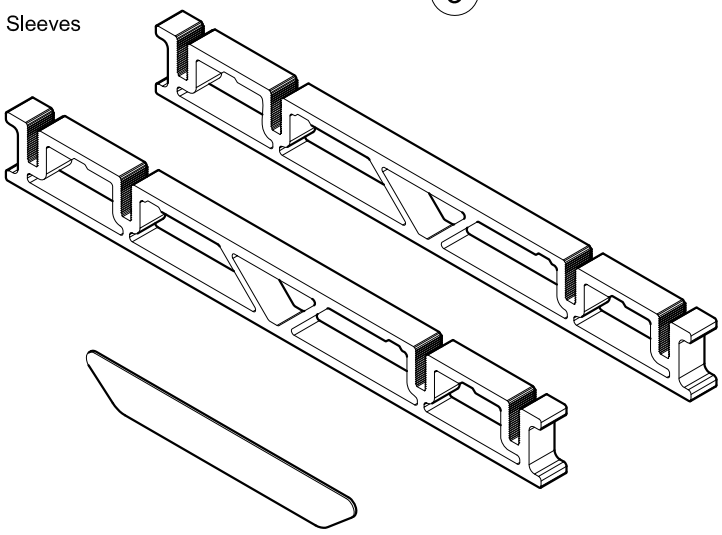
Outerframe - Outward Opening

2. APPLY ALUMINIUM GLUE TO SLEEVE APERTURES AND CHEVRON GROOVES - PART CODE 3COS0073, THIS SHOULD ALSO INCLUDE THE FACE OF THE POLYURETHANE THERMAL BREAK
3. APPLY SILICONE TO ONE OUTERFRAME END ONLY PRIOR TO ASSEMBLY



2No PUR061CT

Inline Sleeves



1No SW4FL15

Inline Chevron

PUR231230

Outerframe - Inward Opening

PUR230231

Outerframe - Outward Opening

PURe® FOLD - INLINE Cleat

PURe.F.02

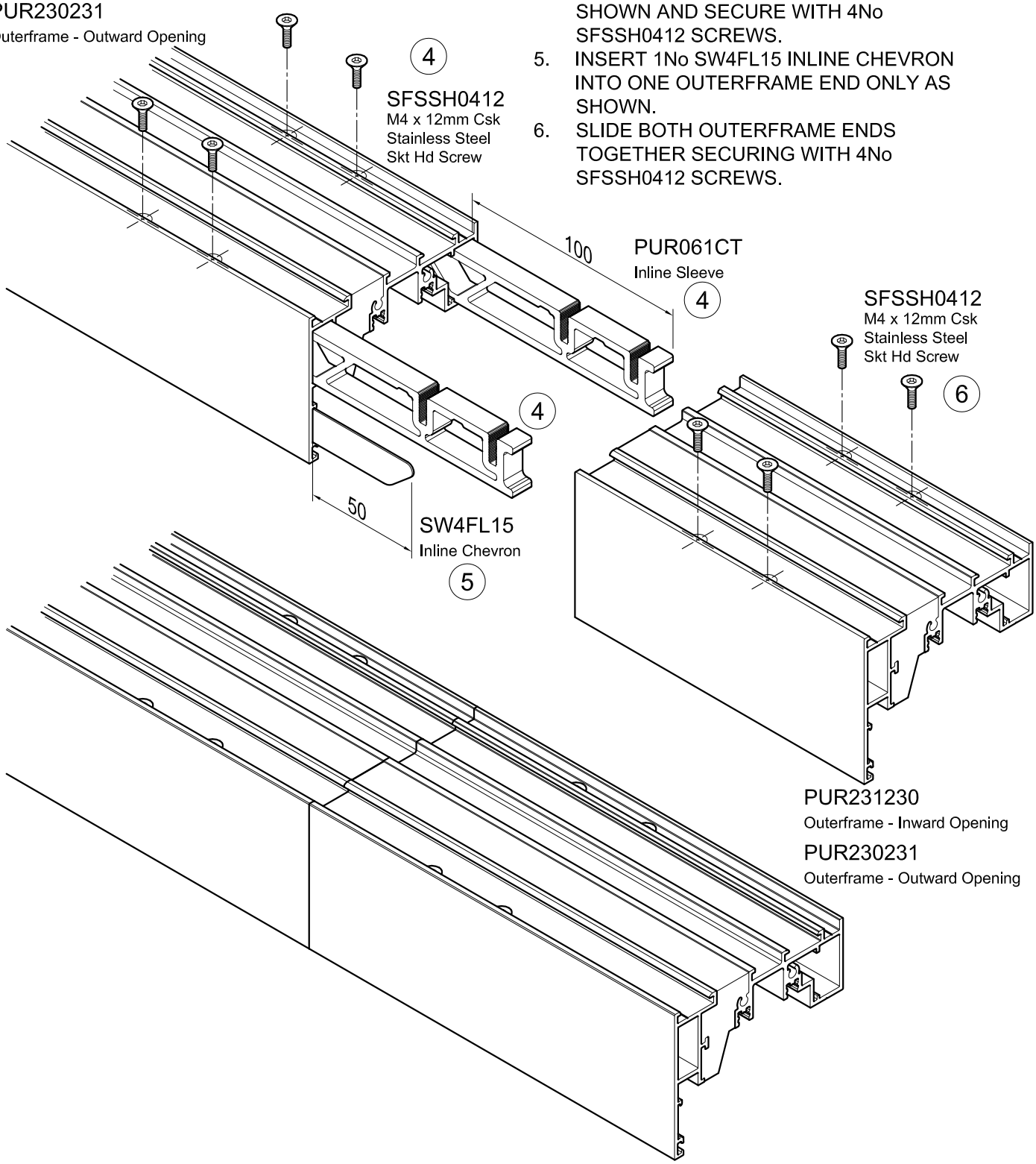
07.17

PUR230231 Outerframe - Head Assembly

PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

4. INSERT 2No PUR061CT INLINE SLEEVES INTO ONE OUTERFRAME END ONLY AS SHOWN AND SECURE WITH 4No SFSSH0412 SCREWS.
5. INSERT 1No SW4FL15 INLINE CHEVRON INTO ONE OUTERFRAME END ONLY AS SHOWN.
6. SLIDE BOTH OUTERFRAME ENDS TOGETHER SECURING WITH 4No SFSSH0412 SCREWS.



PURe.F.03
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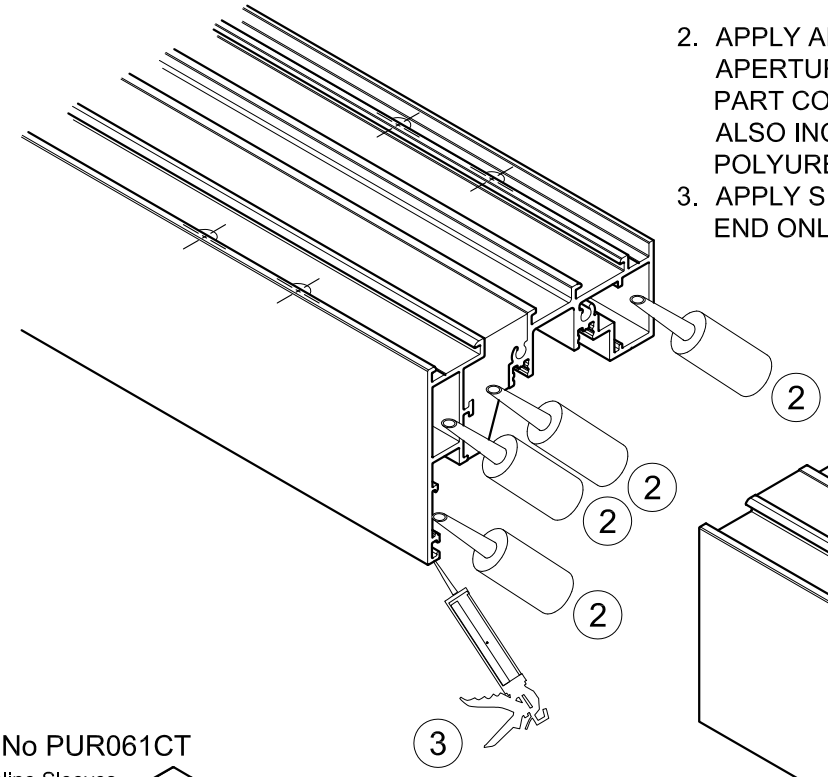
PURe® FOLD - INLINE Cleat

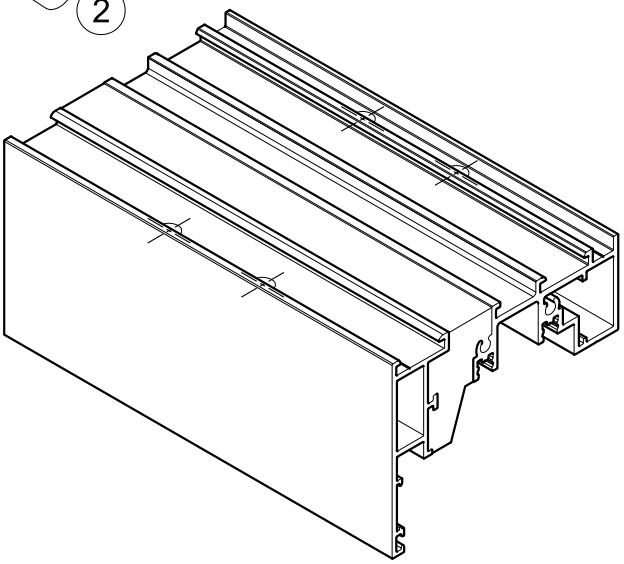
PUR230231 Outerframe - Threshold Assembly

PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

2. APPLY ALUMINIUM GLUE TO SLEEVE APERTURES AND CHEVRON GROOVES - PART CODE 3COS0073, THIS SHOULD ALSO INCLUDE THE FACE OF THE POLYURETHANE THERMAL BREAK
3. APPLY SILICONE TO ONE OUTERFRAME END ONLY PRIOR TO ASSEMBLY

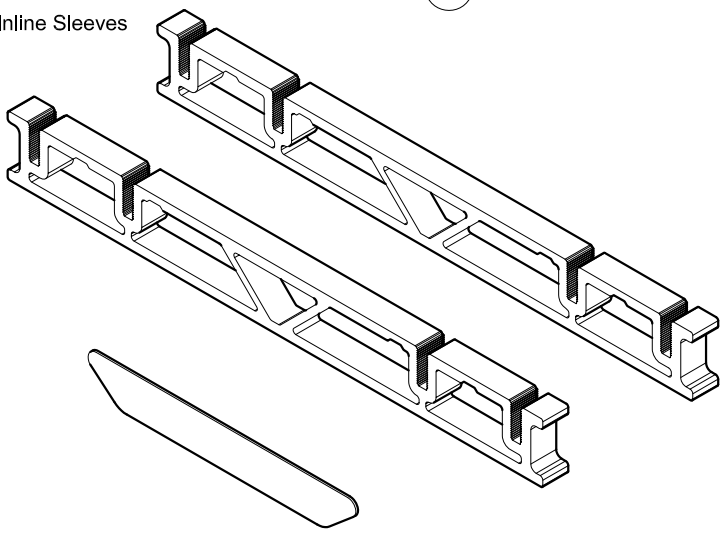




PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

2No PUR061CT
Inline Sleeves



1No SW4FL15
Inline Chevron

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PURe.F.04

07.17

PUR230231 Outerframe - Threshold Assembly

PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening

4. INSERT 2No PUR061CT INLINE SLEEVES INTO ONE OUTERFRAME END ONLY AS SHOWN AND SECURE WITH 4No SFSSH0412 SCREWS.
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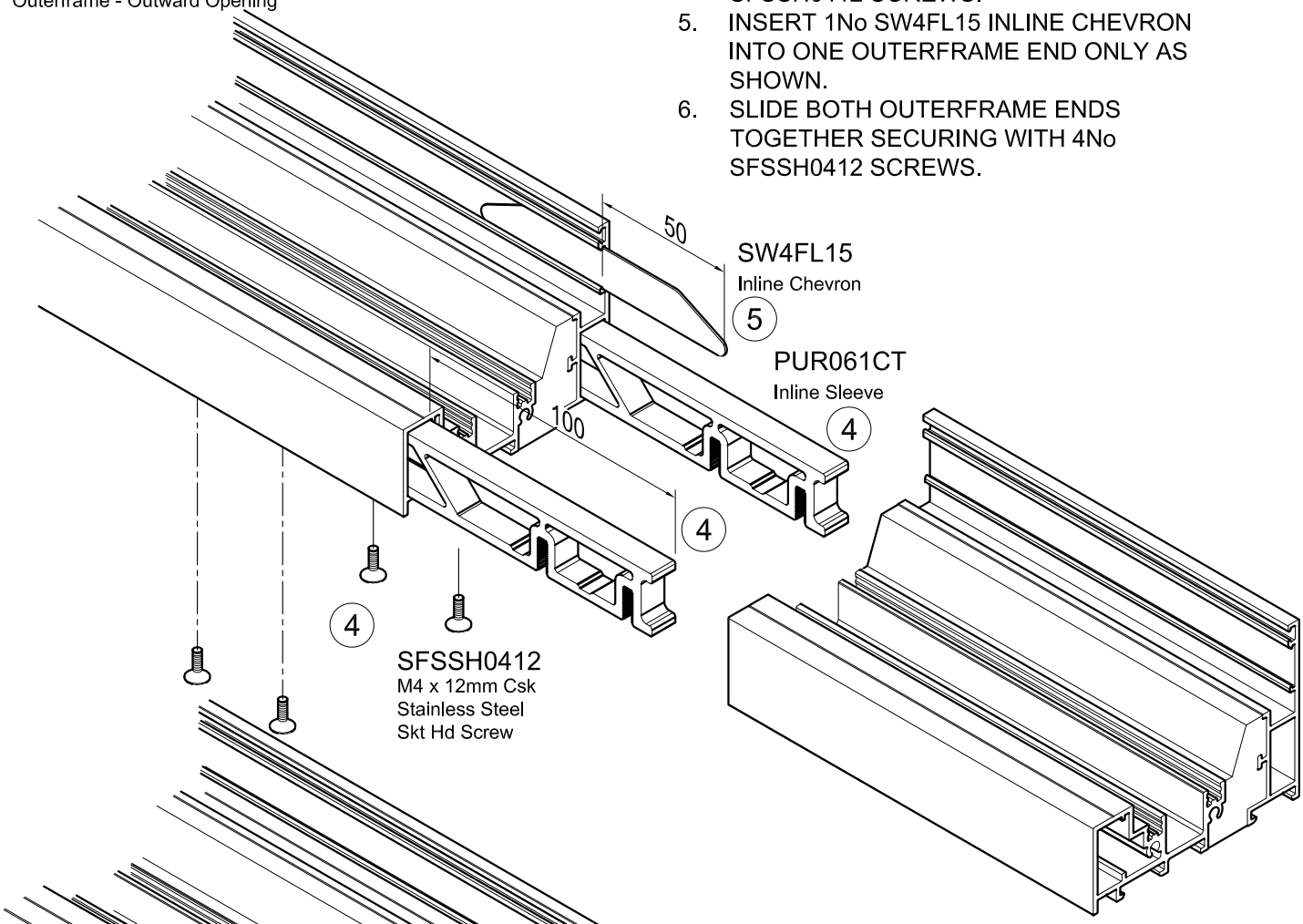


SW4FL15
Inline Chevron
5

PUR061CT
Inline Sleeve
4

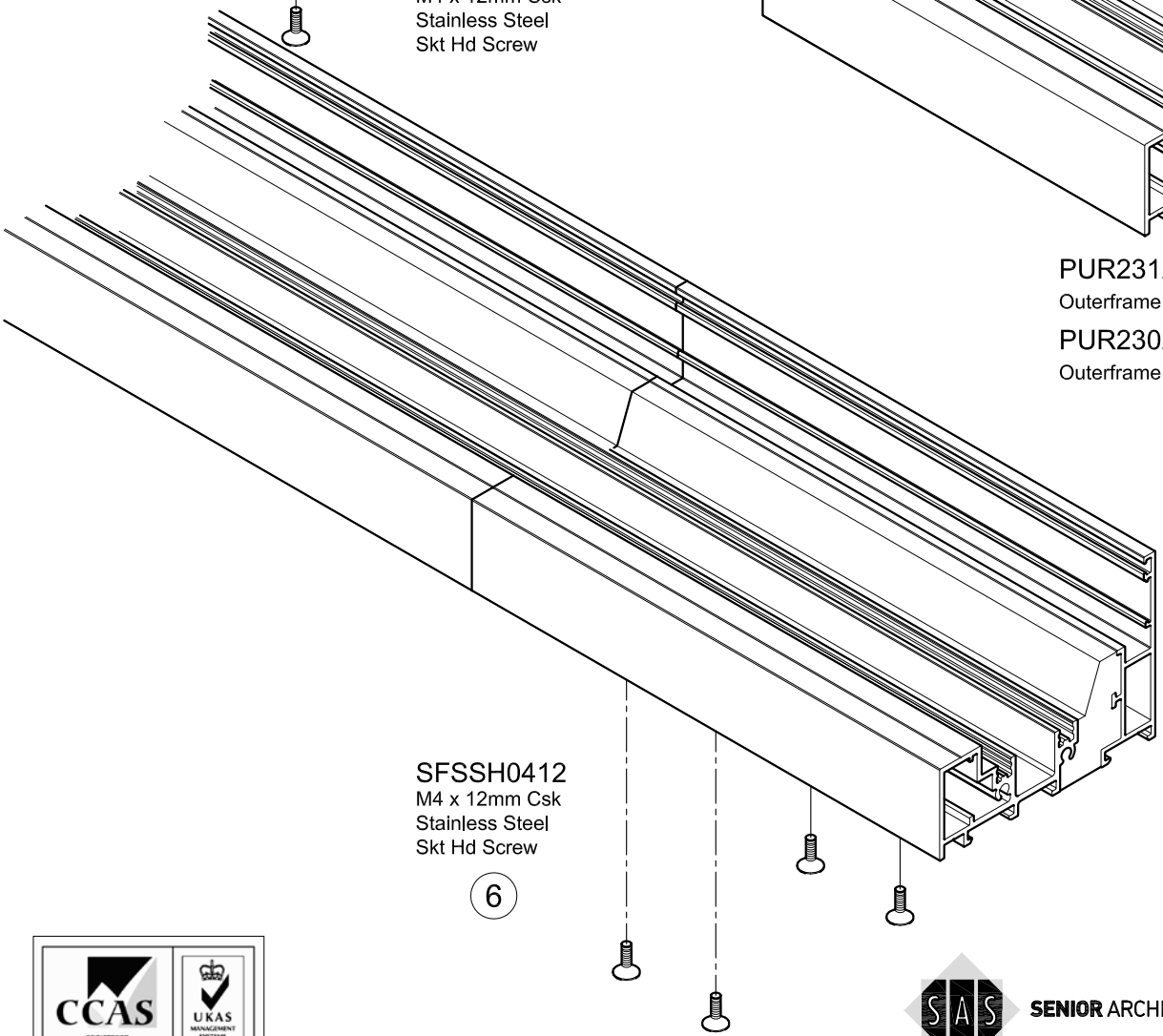
4

4

SFSSH0412
M4 x 12mm Csk
Stainless Steel
Skt Hd Screw

PUR231230
Outerframe - Inward Opening

PUR230231
Outerframe - Outward Opening



SFSSH0412
M4 x 12mm Csk
Stainless Steel
Skt Hd Screw

6

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