

ALLURA
INSPIRED BY DESIGN



INSPIRING DESIGNS.
INSPIRED BY DESIGN.

ALLURA
INSPIRED BY DESIGN

PRODUCT INFORMATION

ALLURA
BY
SWISSTEK.
INSPIRING
YOU
WITH THE
ARCHITECTURE
OF LIGHT.



ALUMINIUM

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TECHNICAL SPECIFICATIONS

RAW MATERIAL ALUMINIUM

(BS EN 515:1993, BS EN 573 – Part 1 – 4, BS EN 12020-1:2008, BS EN 12020-2:2008, BS EN 755 – Part 1 – 9, SLS 1410:2011)

Raw material chemical composition will be according to the alloy standard EN AW 6063. This material has excellent resistance to atmospheric conditions, is readily machinable, and is weldable by the MIG or TIG process. It responds well to polishing, chemical brightening, anodizing and electro colouring.

TEMPERS AVAILABLE : T1, T4, T5, T6

T1 - Cooled from hot working and naturally aged (at room temperature)
T4 - Solution heat treated and naturally aged
T5 - Cooled from hot working and artificially aged (at elevated temperature)
T6 - Solution heat treated and artificially aged

MECHANICAL PROPERTIES

Temper	- T5
Tensile Strength Rm, Min	- 175 Nmm-2
0.2% Proof Stress Rp 0.2, Min	- 130 Nmm-2
Elongation (A), Min	- 8%
Elongation (A50, mm), Min	- 6%
Brinell Hardness, HBW Typical Value	- 65

ANODIZING

(BS EN 12373-1:2001, EN ISO 2360:2003, BS EN ISO 7599:2010 & SLS 1410:2011)
Anodizing Chemicals: Products of internationally renowned manufacturers are used.

POWDER COATING

(BS 6496:1984 & SLS 1411:2011)
Polyester powder (PE) from world renowned manufacturers is used.

PROFILE MEASUREMENTS

All dimensions and thicknesses will be as indicated in this handbook under individual profile details. The dimensions are subject to permissible manufacturing tolerances. Standard lengths: 3.65m, 6.10m, 6.50m (Roller shutter: 12ft, 14ft, 16ft, 18ft, 20ft)

SURFACE FINISHES

MILL FINISHED

(Without surface treatment)

NATURAL ANODIZED

(Natural aluminium colour)
Anodic oxidation coating thickness
10 - 15 microns
15 - 20 microns
20 - 25 microns (Special request only)

DARK BRONZE ANODIZED

(As per colour presently available in the market)
Anodic oxidation coating thickness
10 - 15 microns
15 - 20 microns (Special request only)
20 - 25 microns (Special request only)

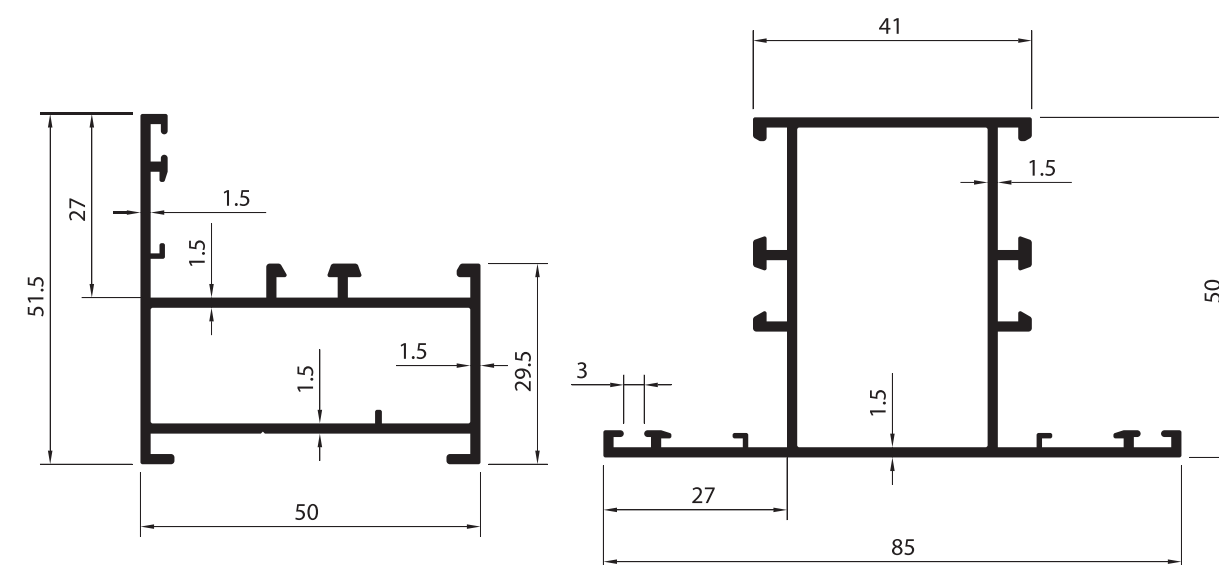
Champagne, Medium Bronze, Black
(Available on request)

POWDER COATED

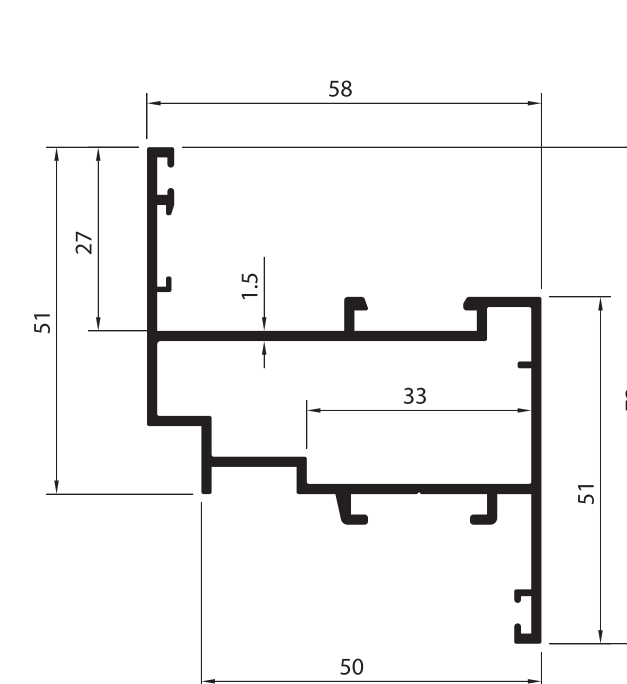
(Polyester PE Coating)
Film thickness: 60 - 80 microns

WOOD FINISHED

Product range: Mahogany, Teak, Jatoba, Walnut, Eucalyptus



Profile No. - SA-1002
Est. Weight - 1.115 kg/m

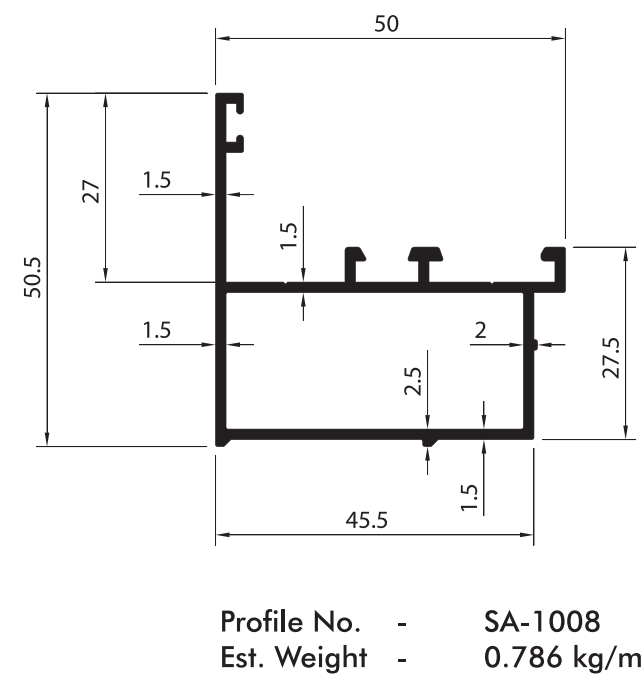
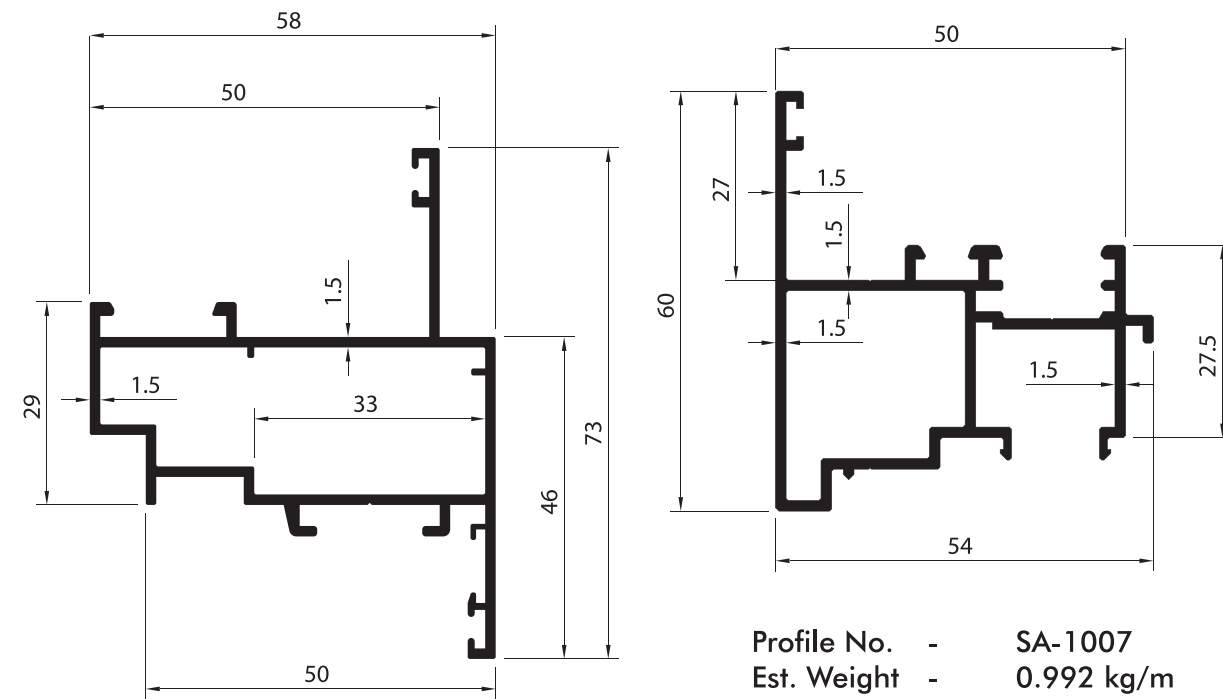


Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in millimeters. The part has a total height of 26.5 mm, a top width of 15 mm, and a bottom width of 1.5 mm. A sloped side face is indicated with a 1.2 mm dimension.

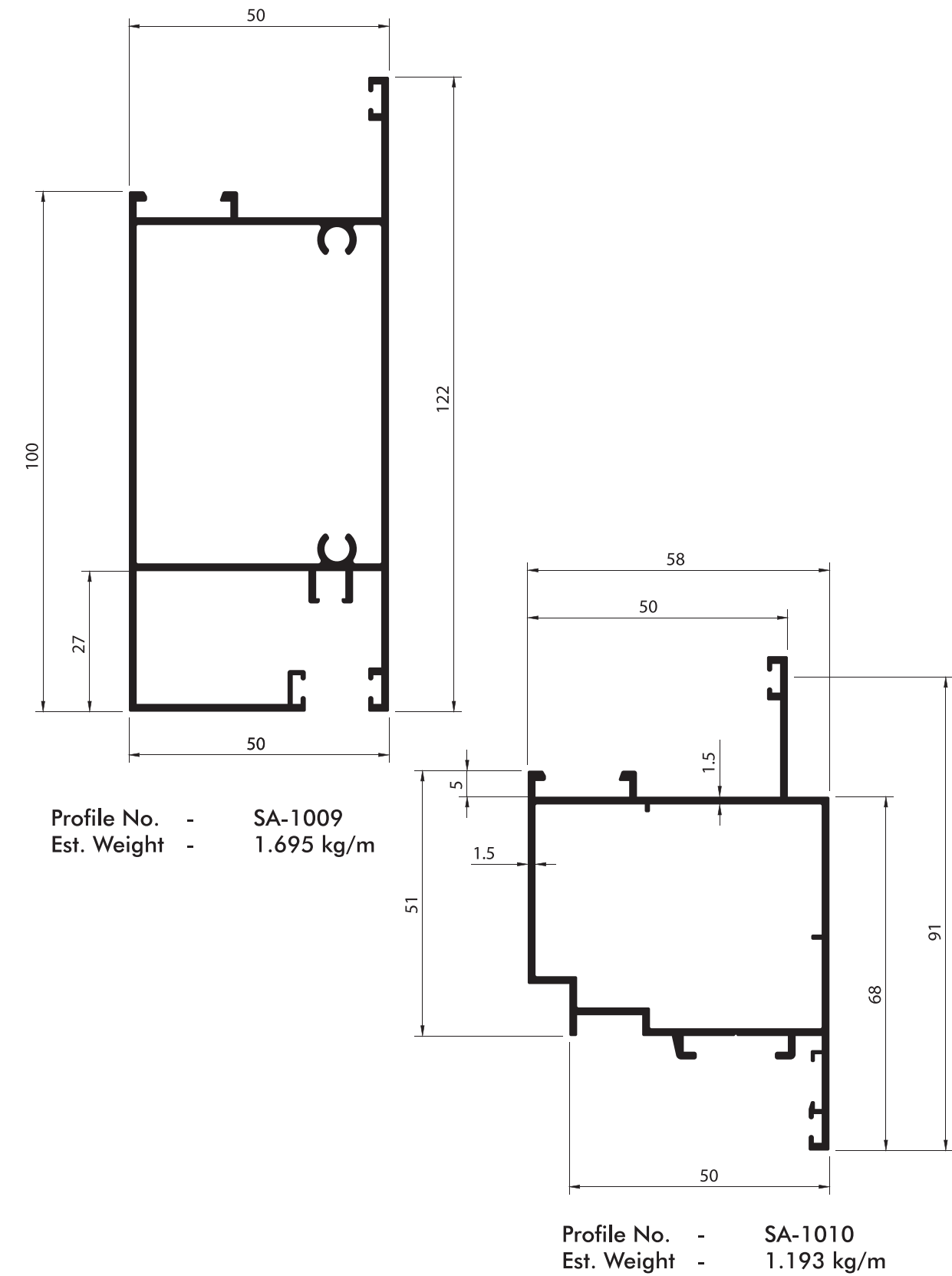
Technical drawing of a mechanical part with dimensions: 34, 1.5, 26.5, 1.2, 1.5, and 22.

Profile No. - SA-1005
Est. Weight - 0.373 kg/m

"C" Groove Casement Window (Single and Double Glazing)

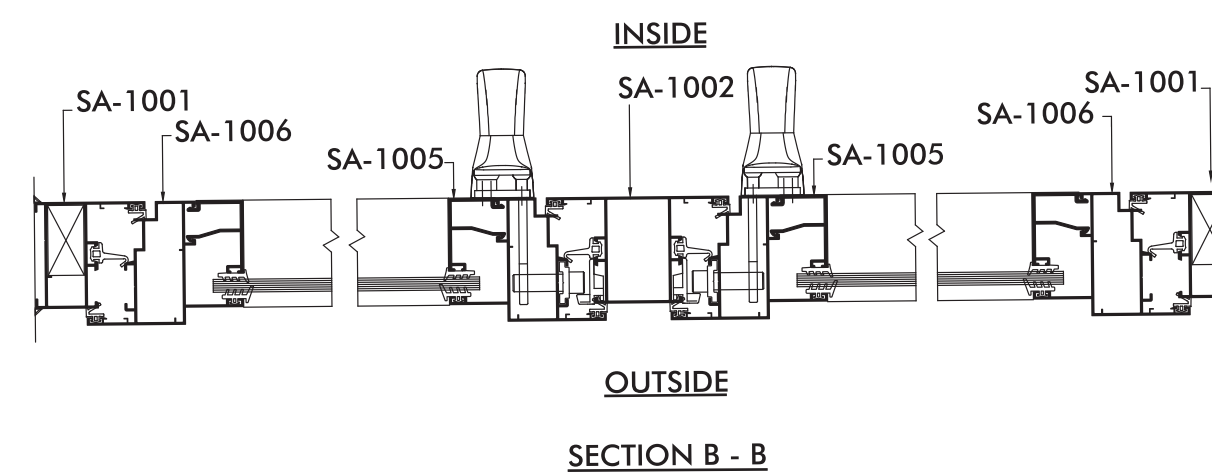
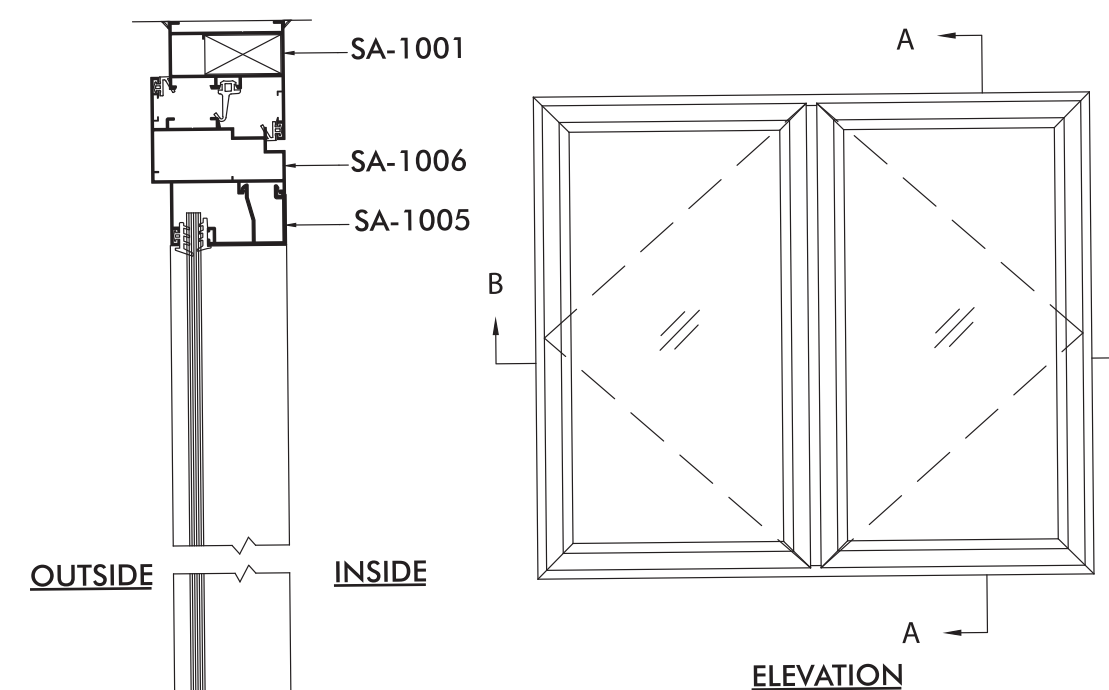


"C" Groove Casement Window (Single and Double Glazing)

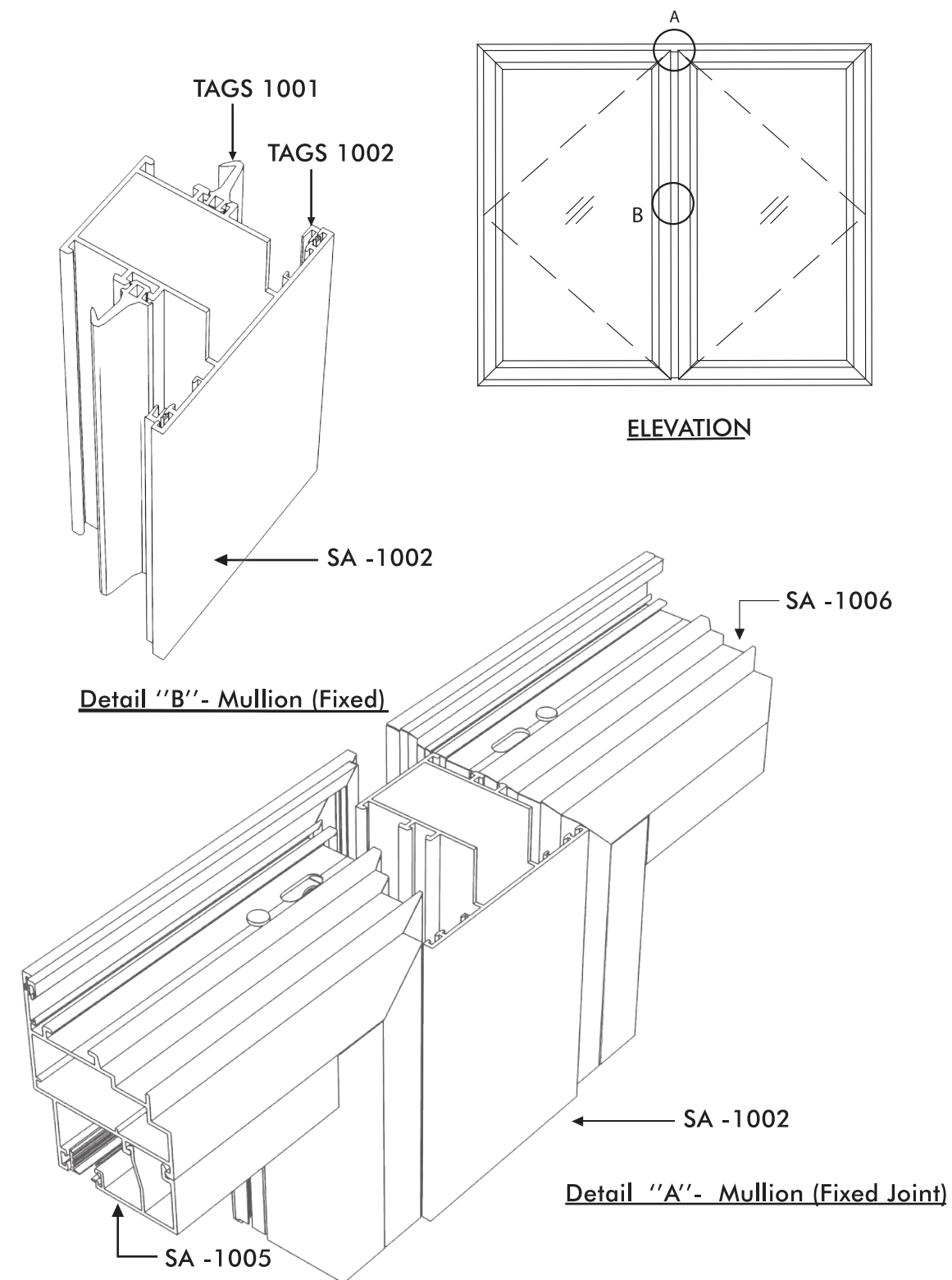




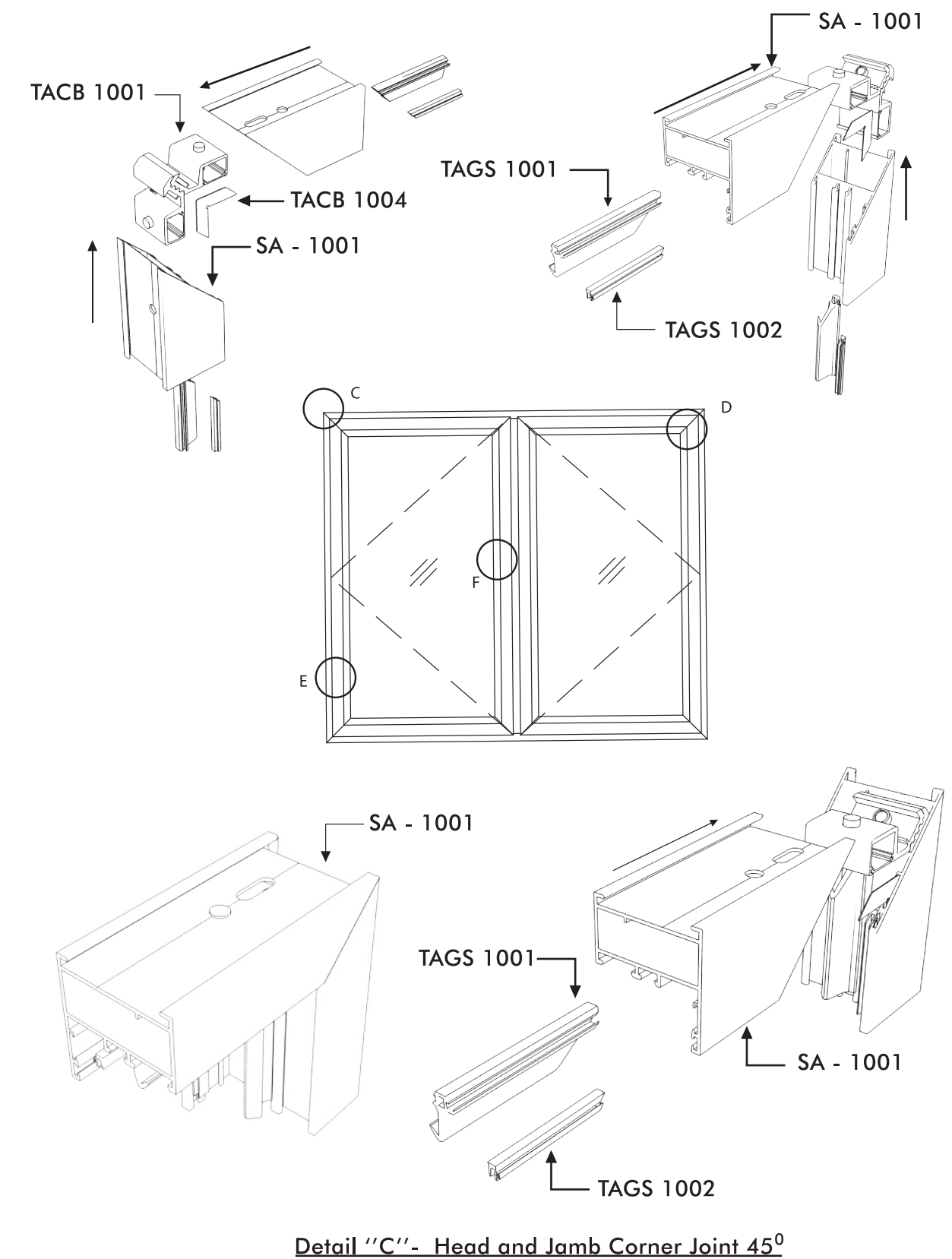
50mm Casement Window



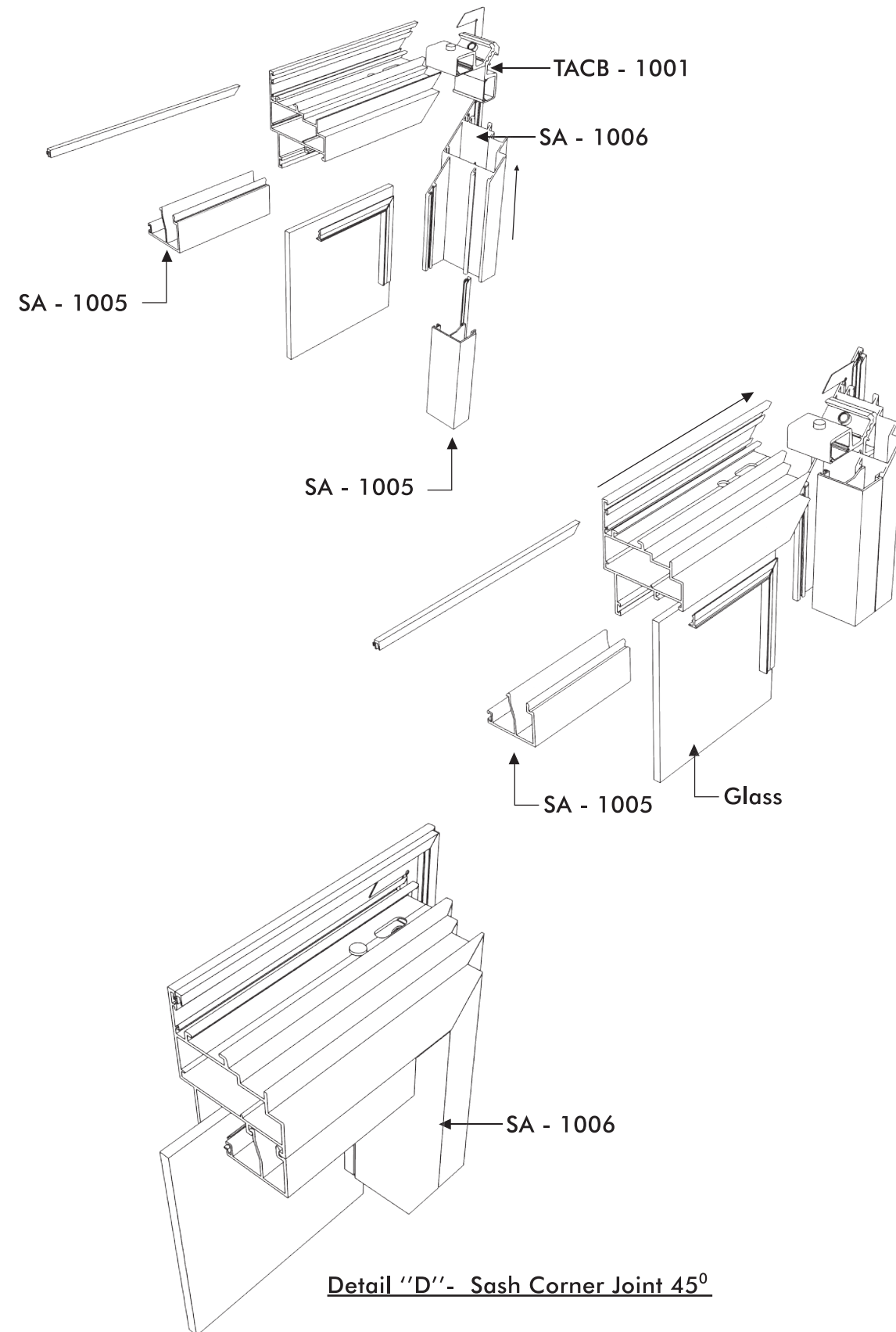
3D Assembly Detail - 50mm Casement Window



3D Assembly Detail - 50mm Casement Window



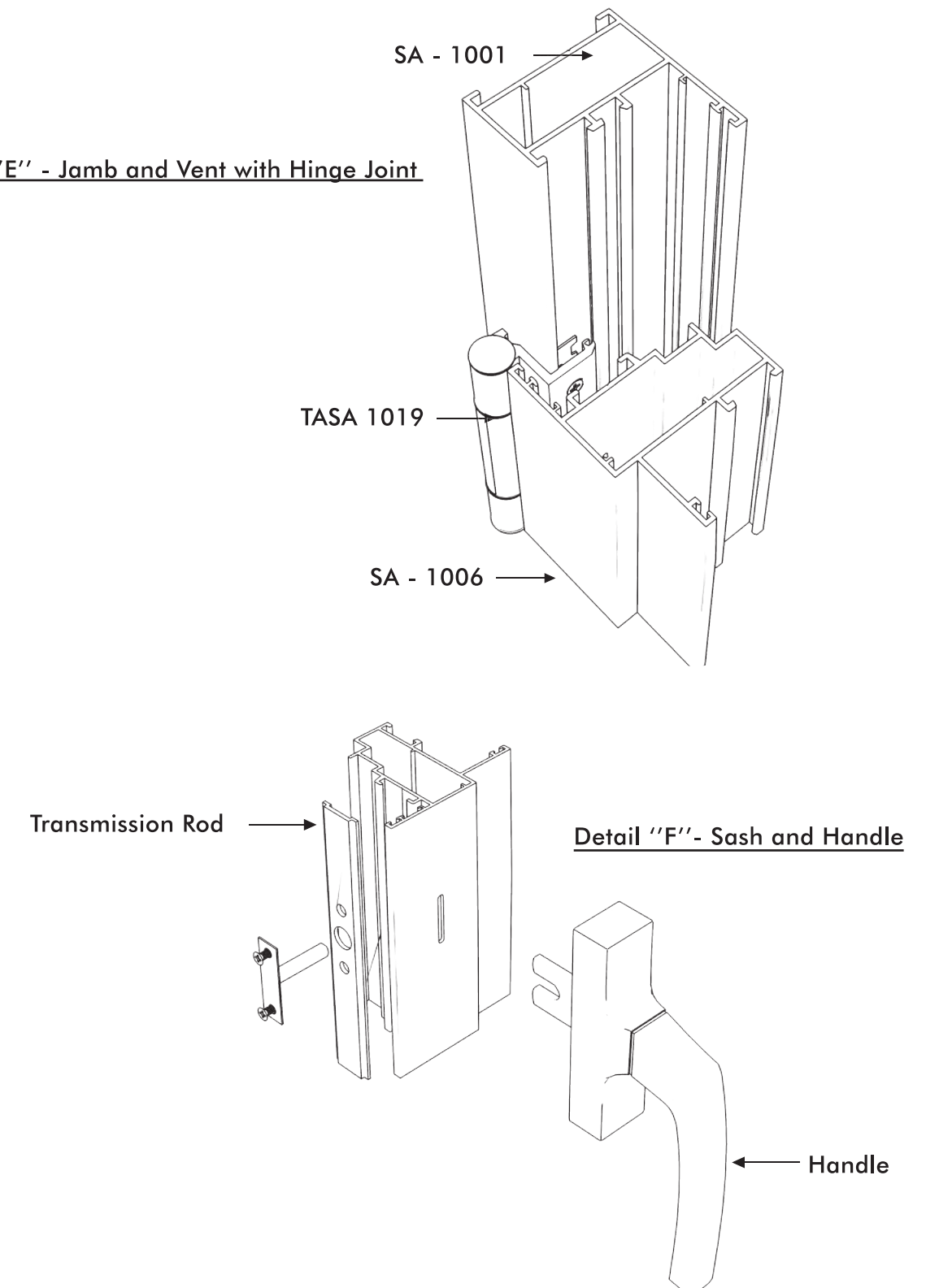
3D Assembly Detail - 50mm Casement Window



Detail "D" - Sash Corner Joint 45°

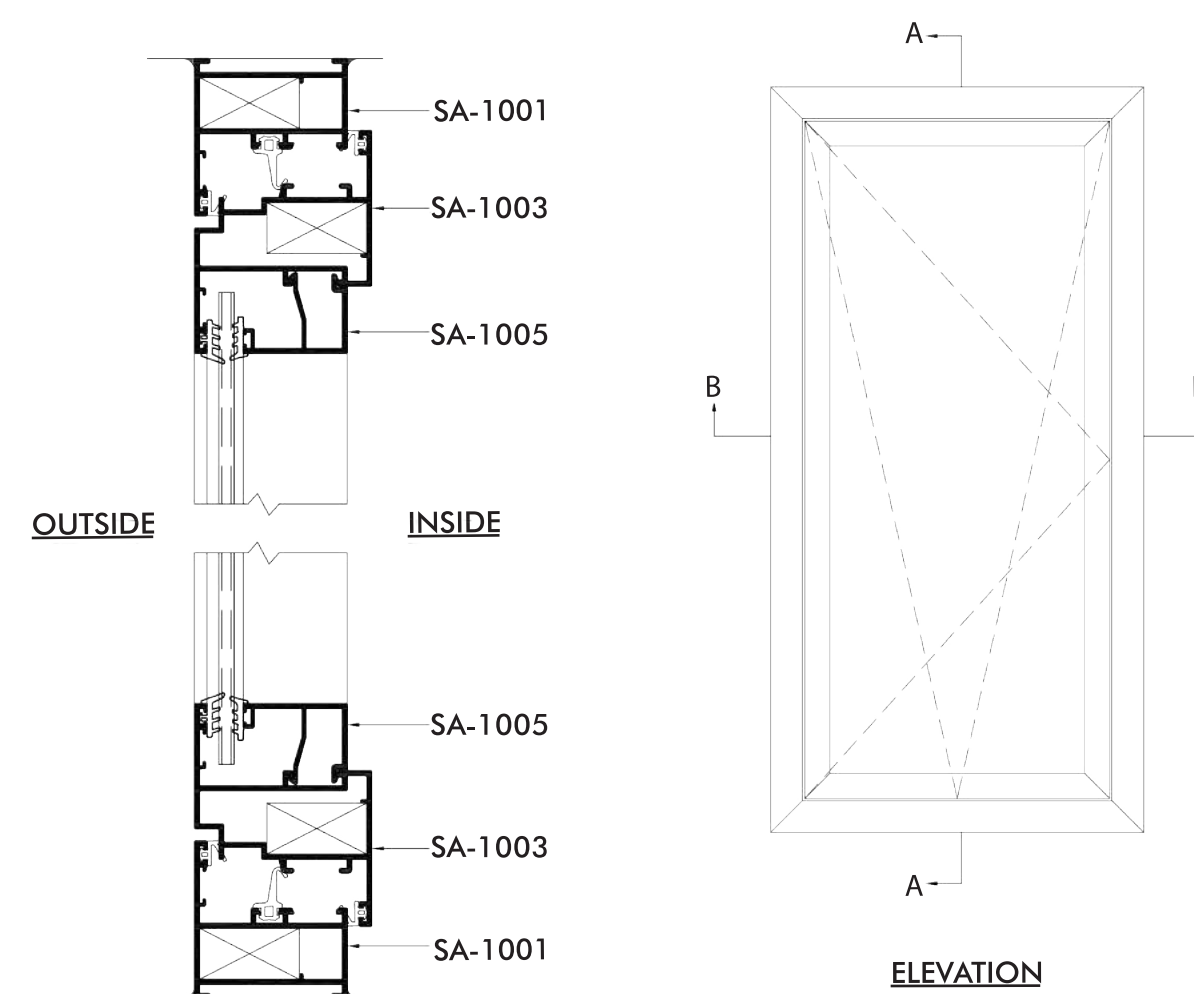
3D Assembly Detail - 50mm Casement Window

Detail "E" - Jamb and Vent with Hinge Joint

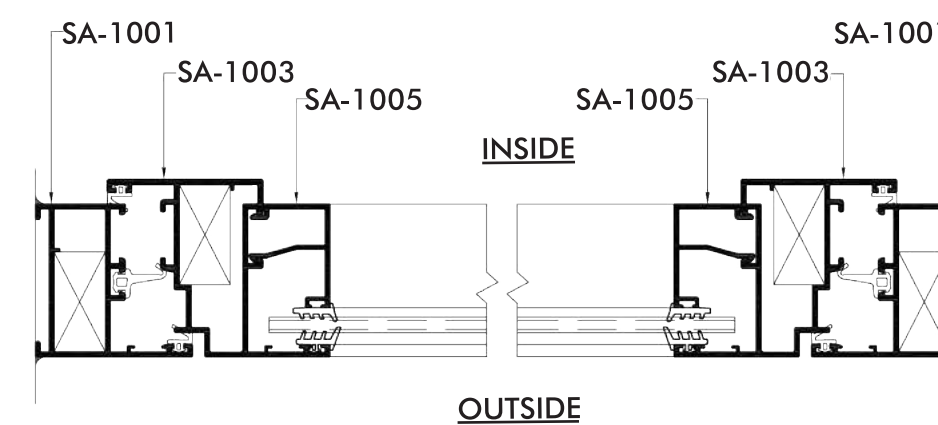


Detail "F" - Sash and Handle

50mm Tilt and Turn Window



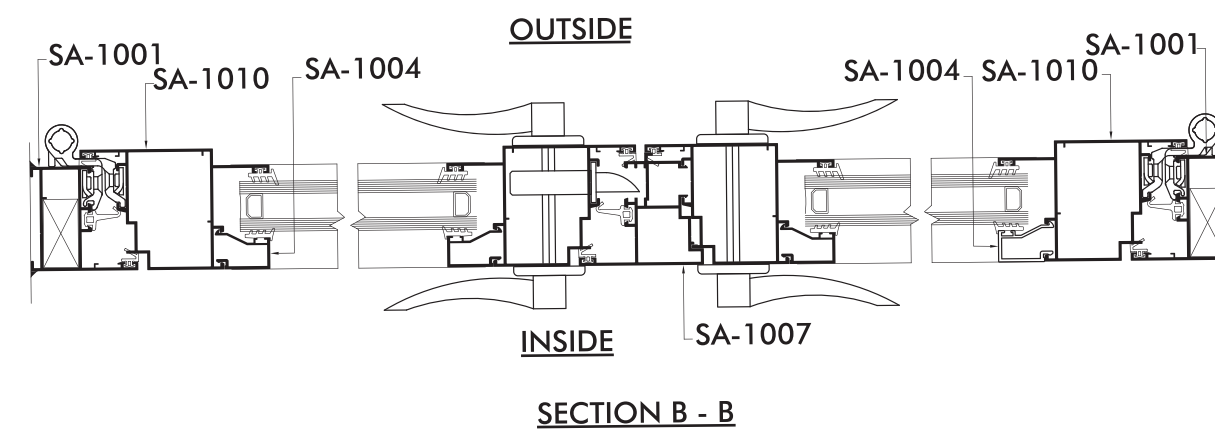
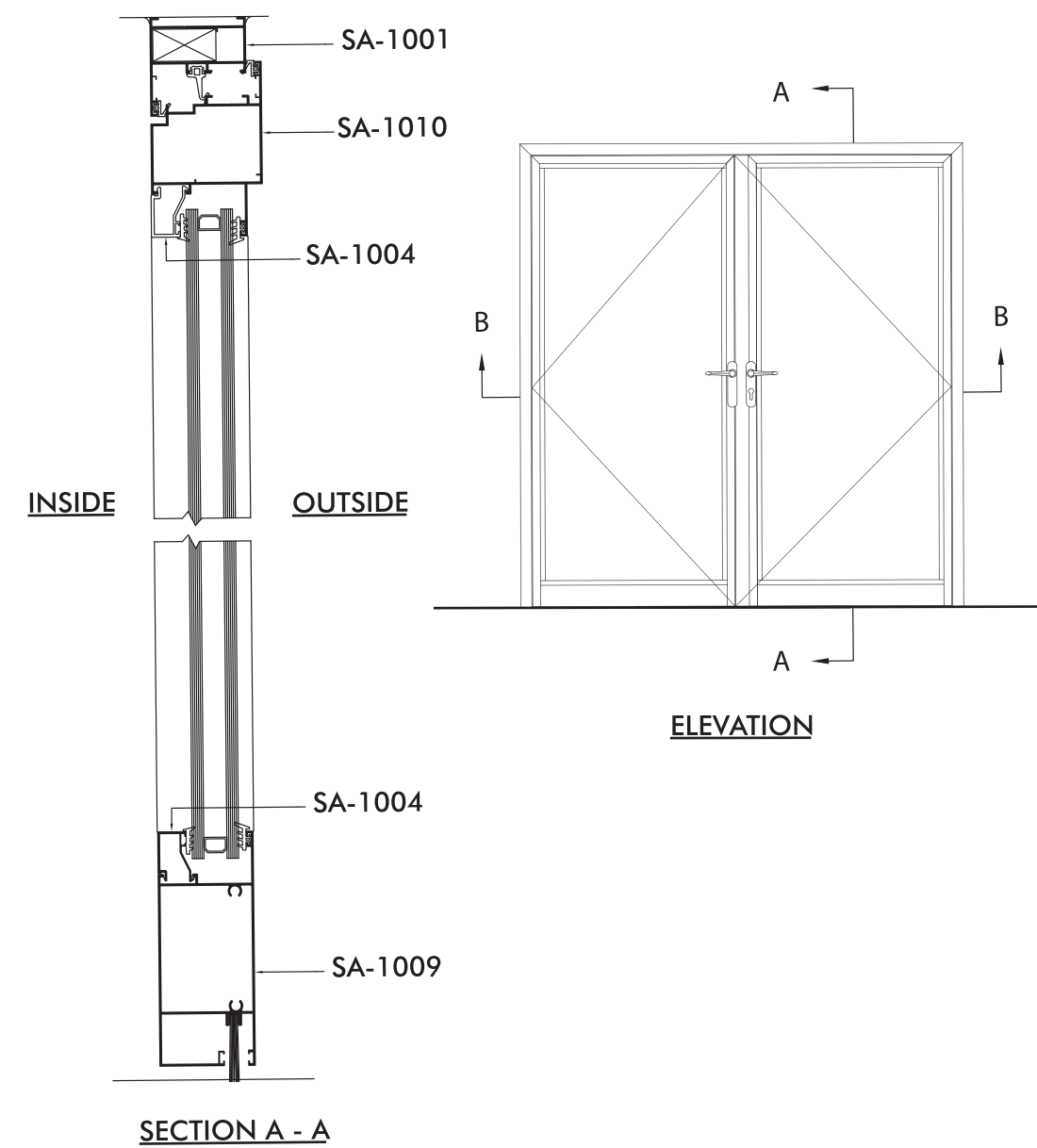
SECTION A - A



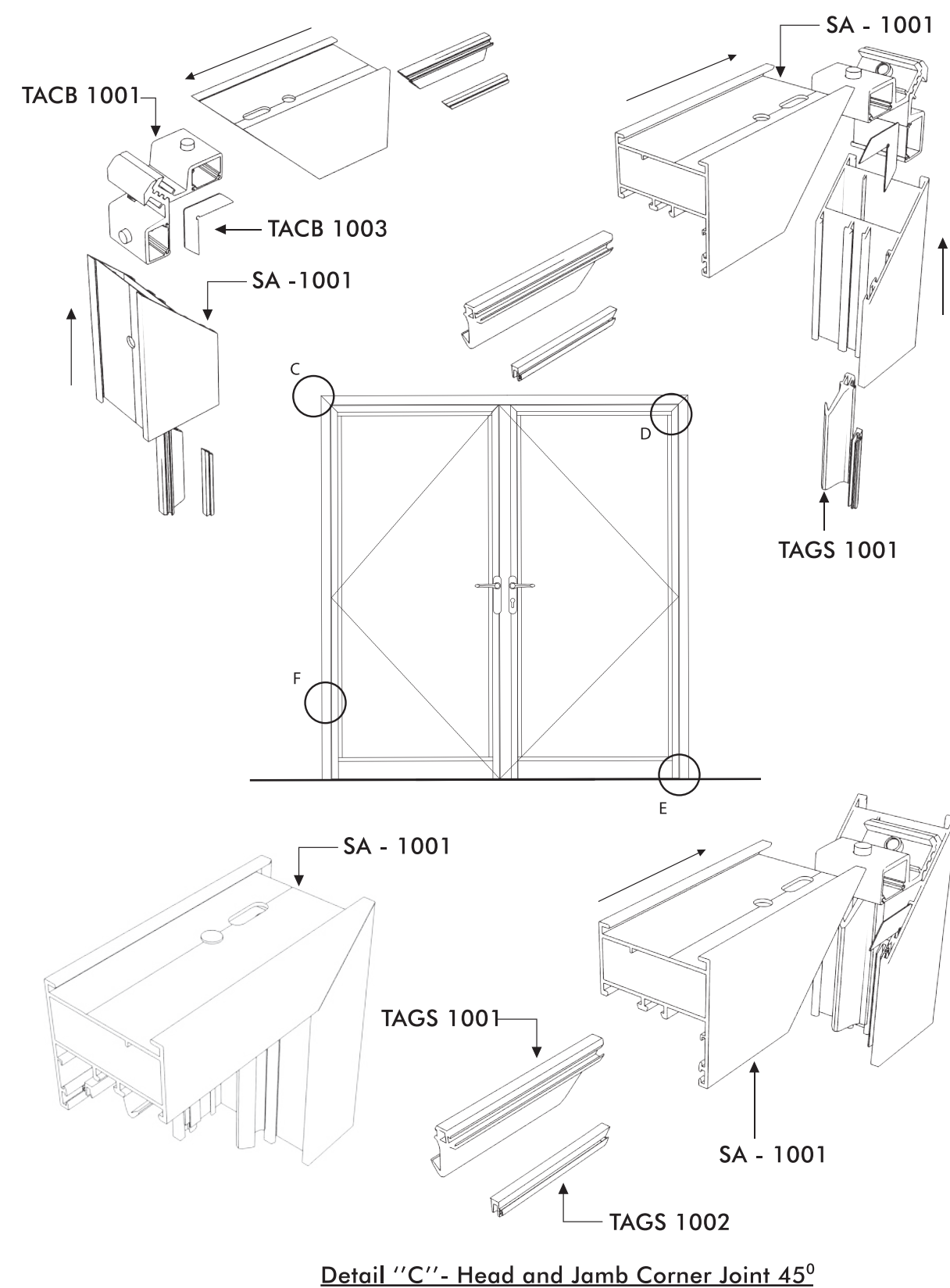
SECTION B - B



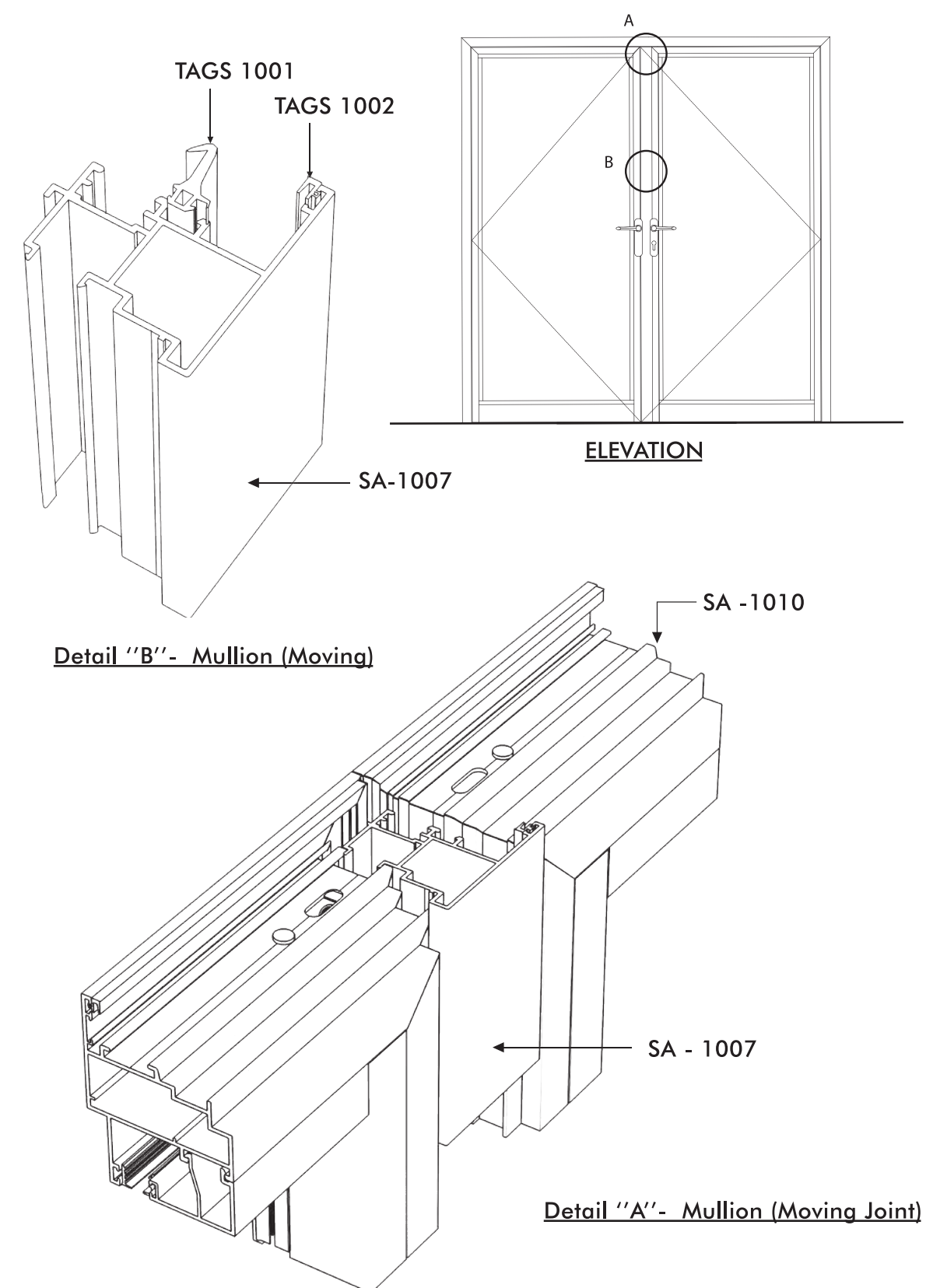
50mm Swing Door



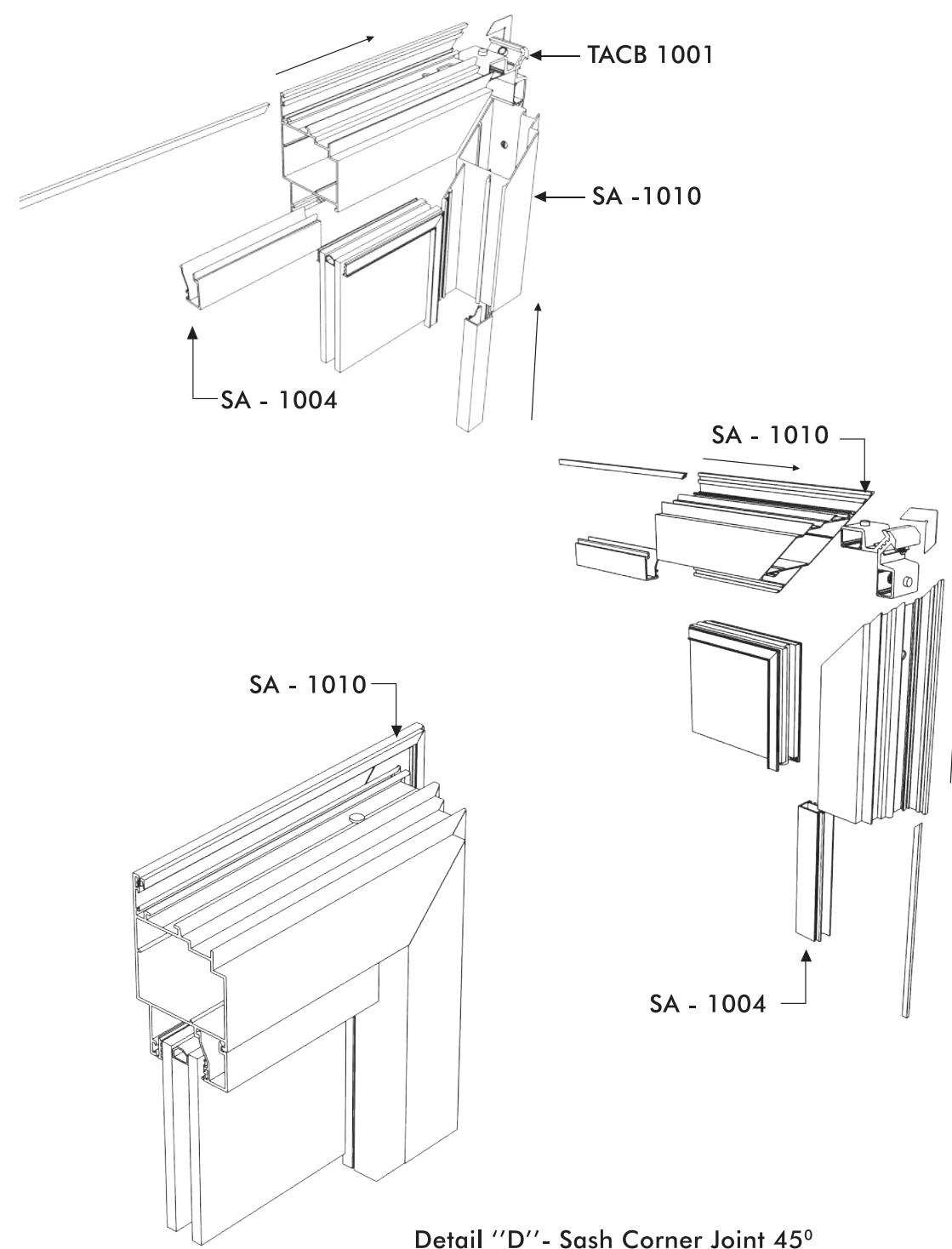
3D Assembly Detail - 50mm Swing Door



3D Assembly Detail - 50mm Swing Door

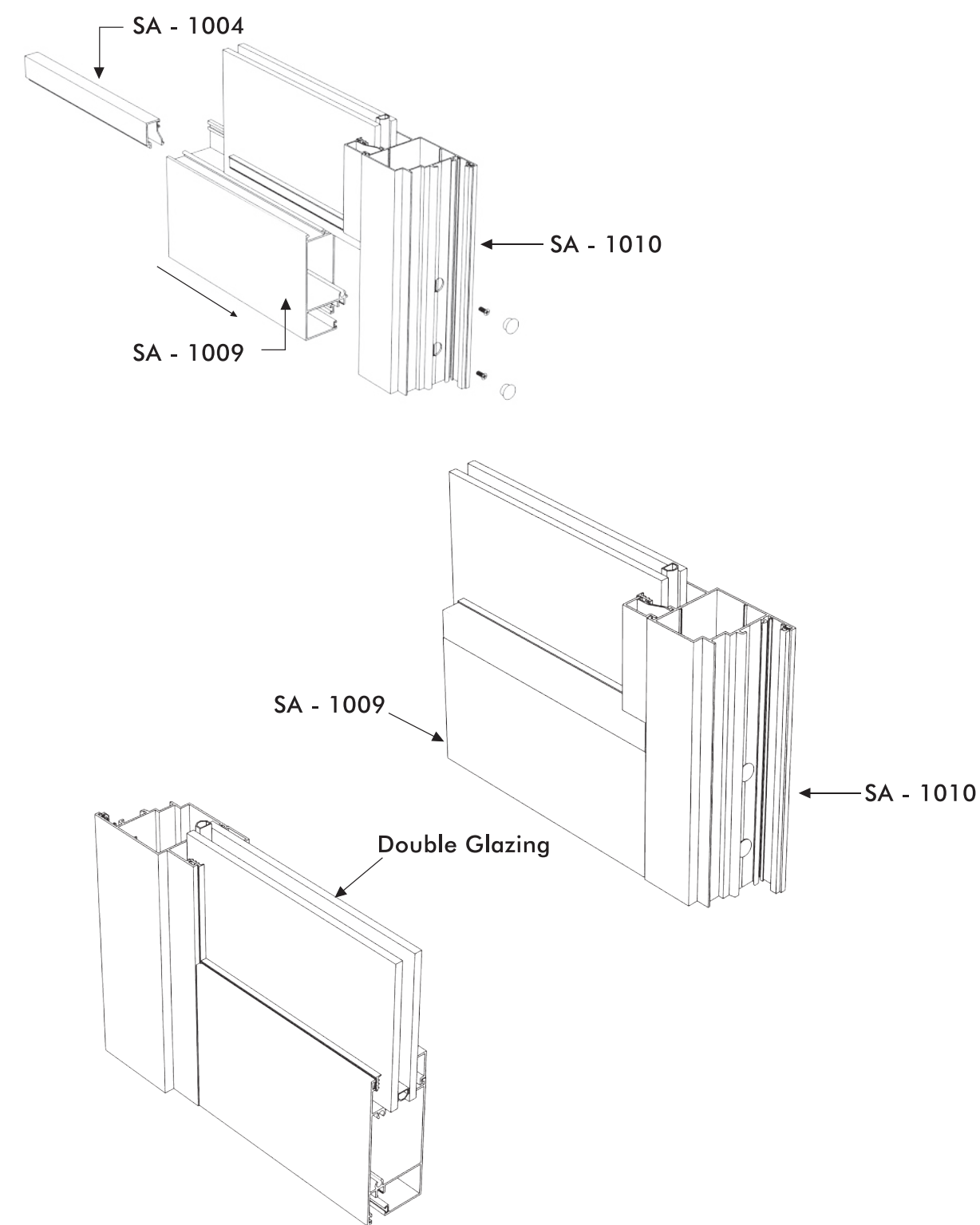


3D Assembly Detail - 50mm Swing Door



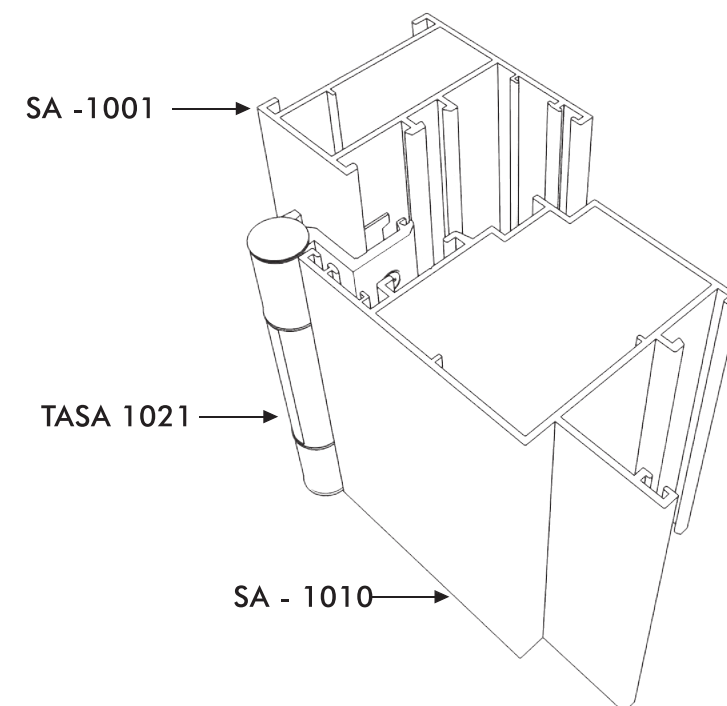
Detail "D"- Sash Corner Joint 45°

3D Assembly Detail - 50mm Swing Door

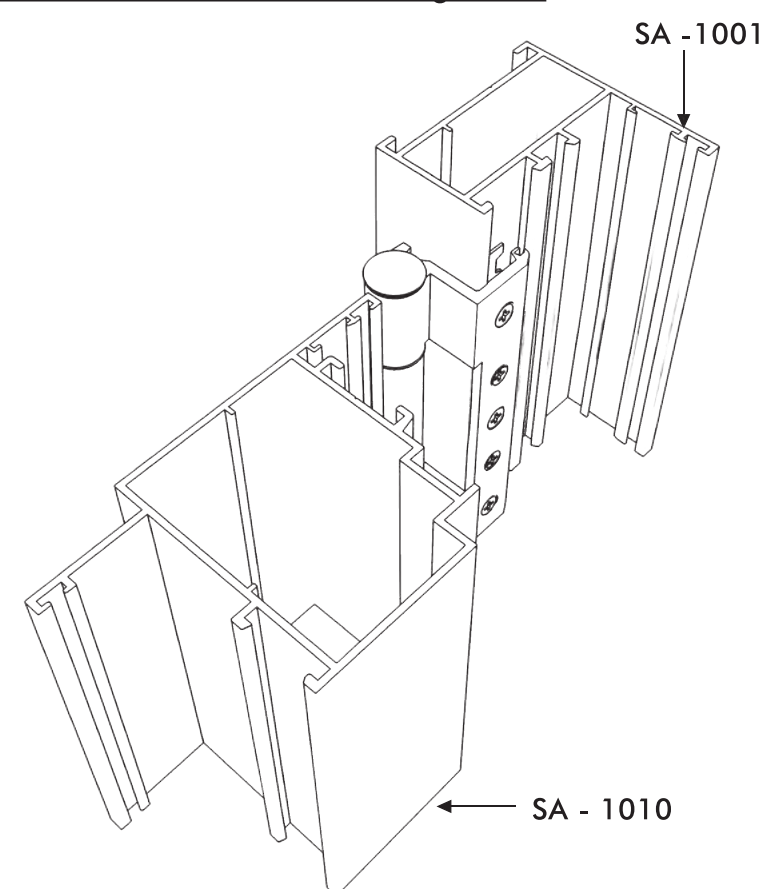


Detail "E"- Sash Corner Joint 90°

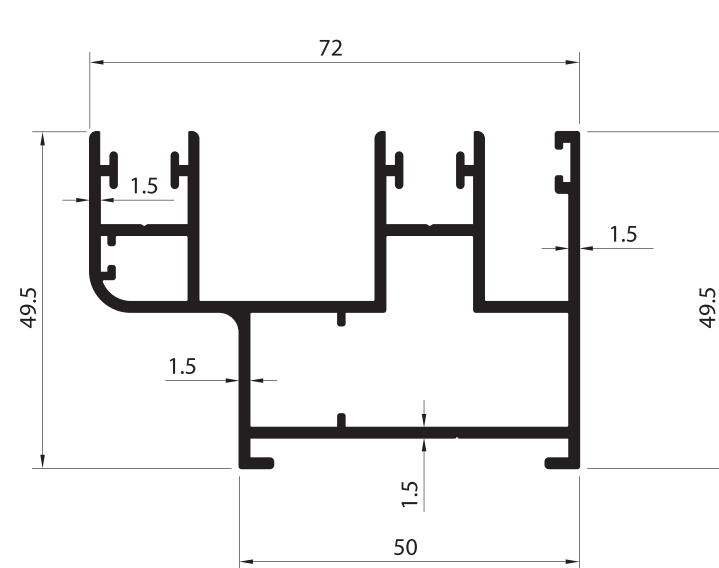
3D Assembly Detail - 50mm Swing Door



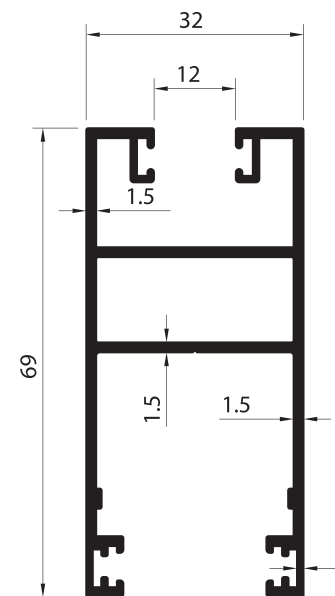
Detail "F" - Jamb and Vent with Hinge Joint



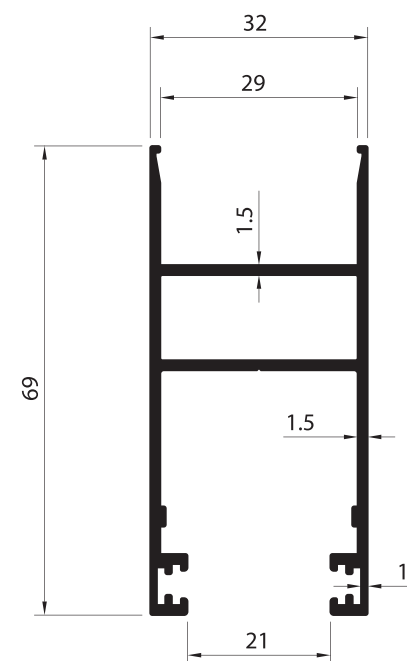
72mm Sliding Window (Single and Double Glazing)



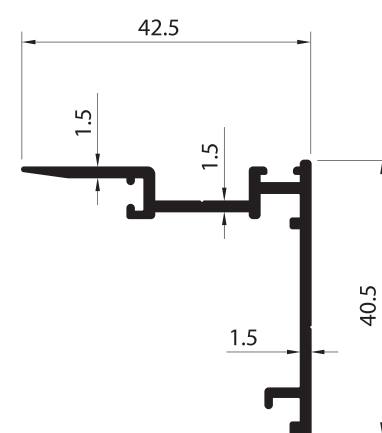
Profile No. - SA-2001
Est. Weight - 1.364 kg/m



Profile No. - SA-2002
Est. Weight - 1.017 kg/m

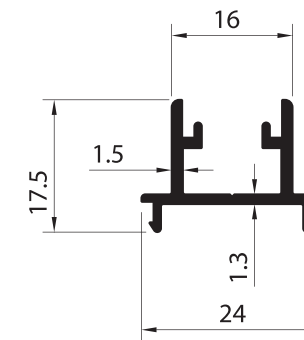


Profile No. - SA-2003
Est. Weight - 0.878 kg/m

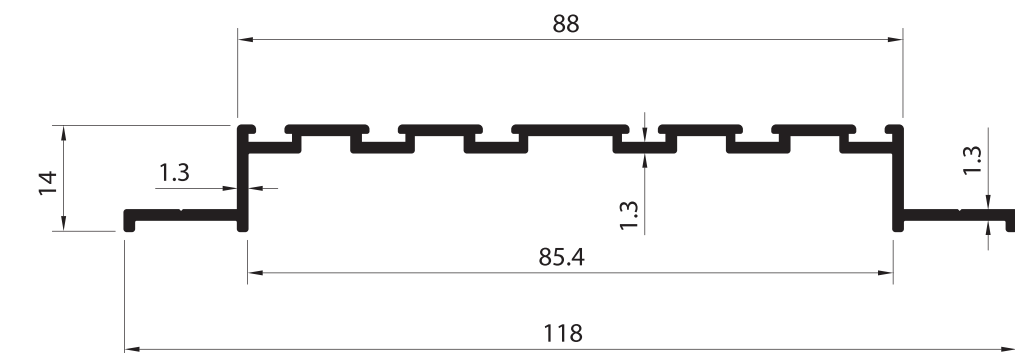


Profile No. - SA-2004
Est. Weight - 0.423 kg/m

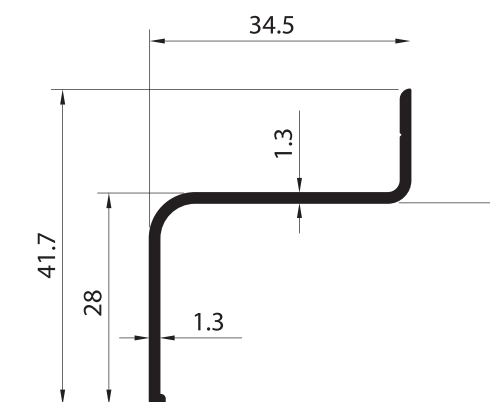
72mm Sliding Window (Single and Double Glazing)



Profile No. - SA-2005
Est. Weight - 0.230 kg/m

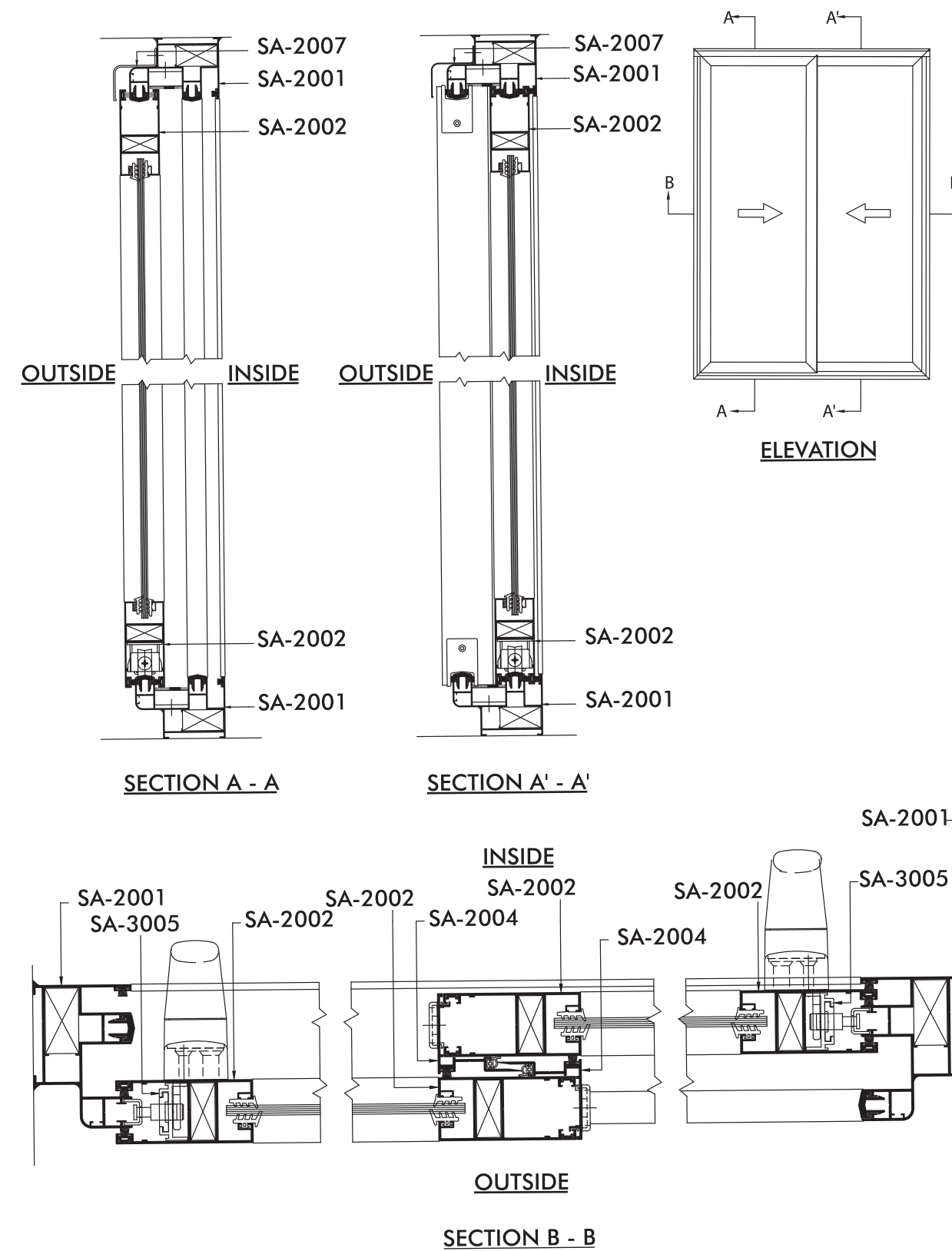


Profile No. - SA-2006
Est. Weight - 0.615 kg/m

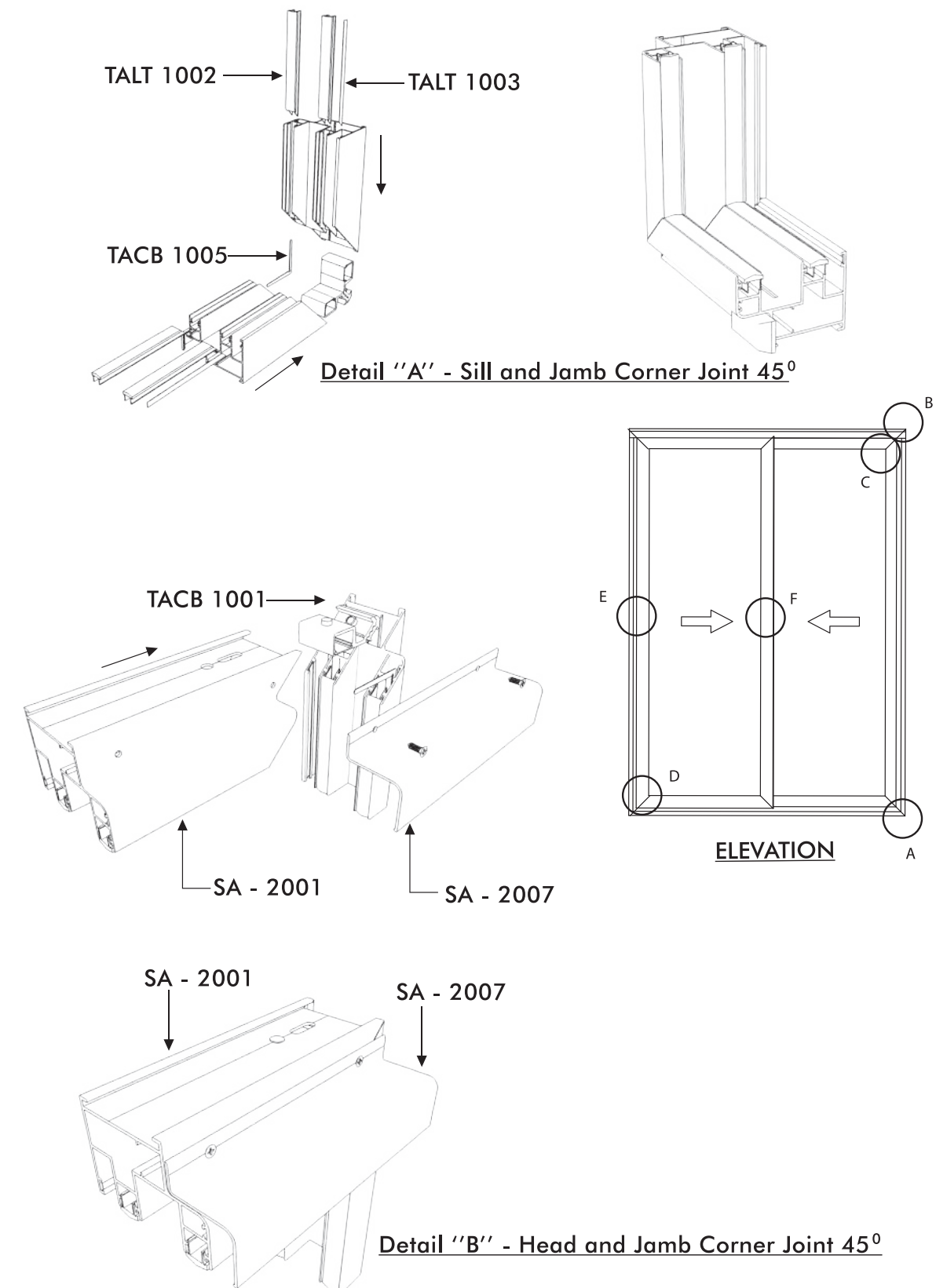


Profile No. - SA-2007
Est. Weight - 0.253 kg/m

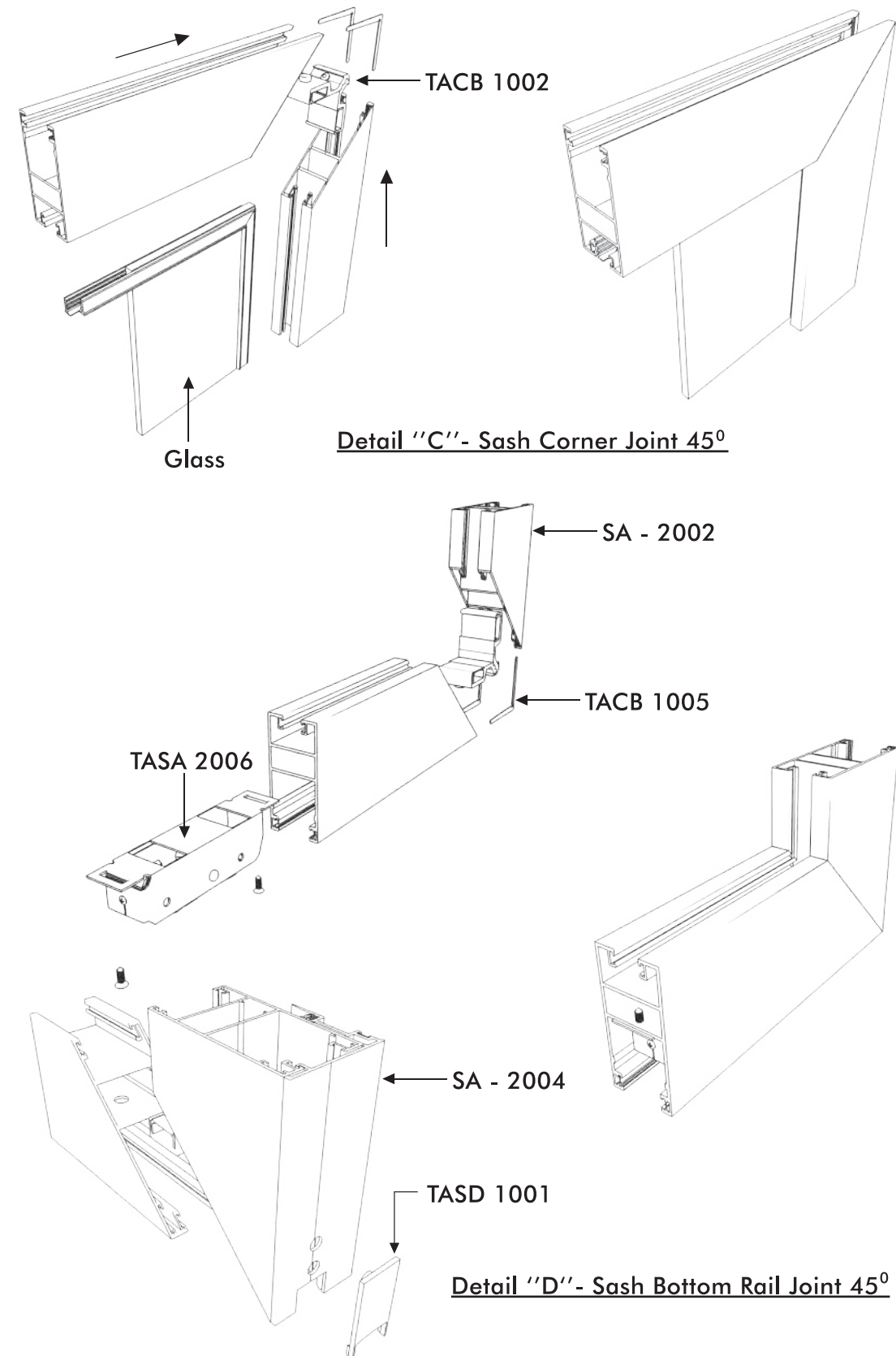
72mm Sliding Window (Single and Double Glazing)



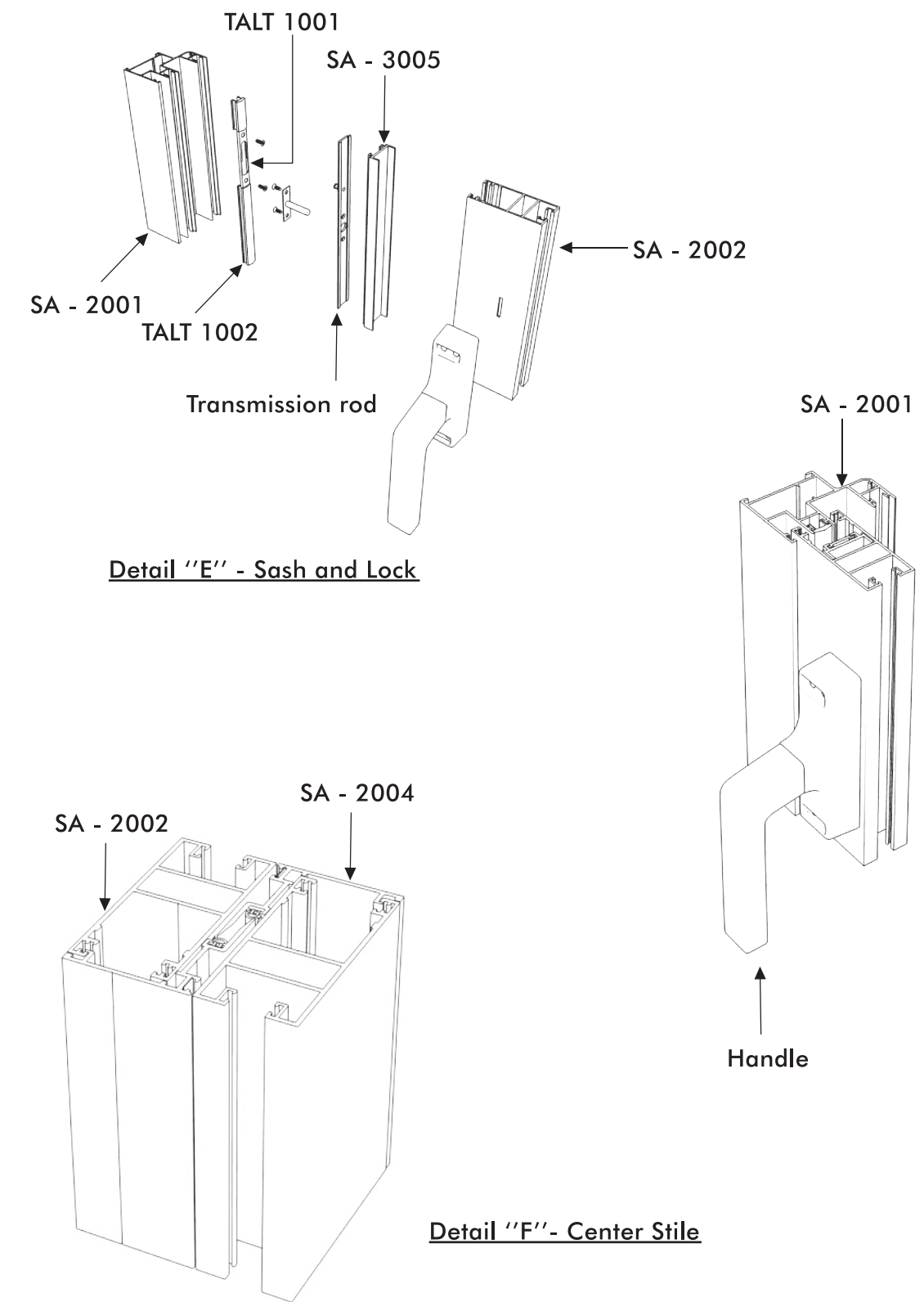
3D Assembly Detail - 72mm Sliding Window



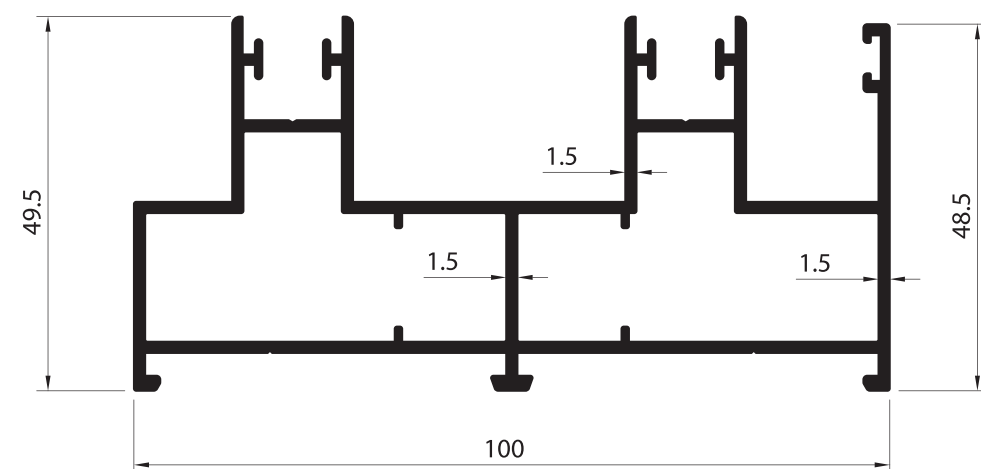
3D Assembly Detail - 72mm Sliding Window



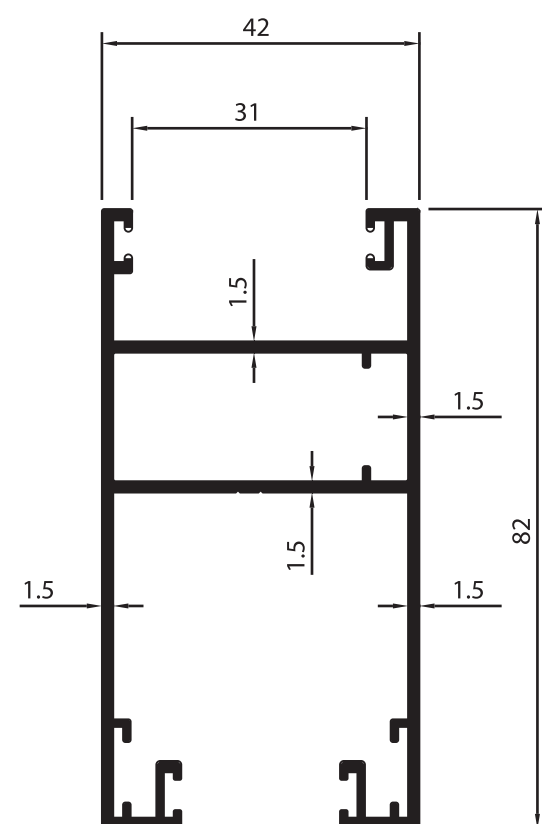
3D Assembly Detail - 72mm Sliding Window



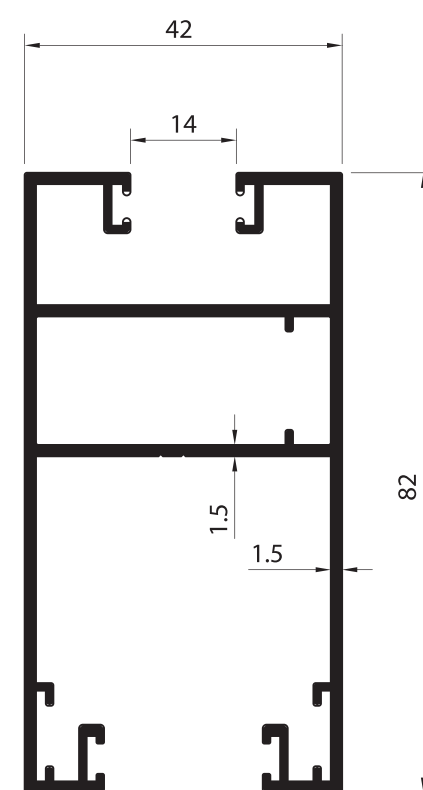
100mm Sliding Door (Single and Double Glazing)



Profile No. - SA-3001
Est. Weight - 1.720 kg/m

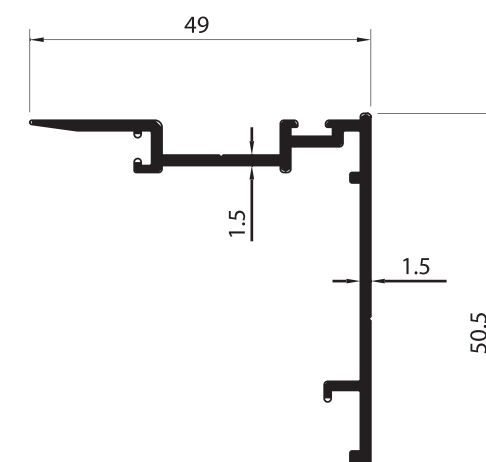


Profile No. - SA-3003
Est. Weight - 1.249 kg/m

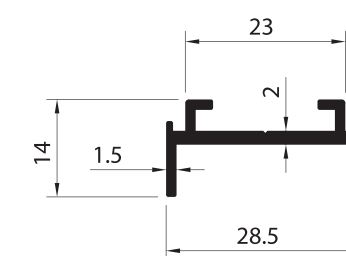


Profile No. - SA-3002
Est. Weight - 1.332 kg/m

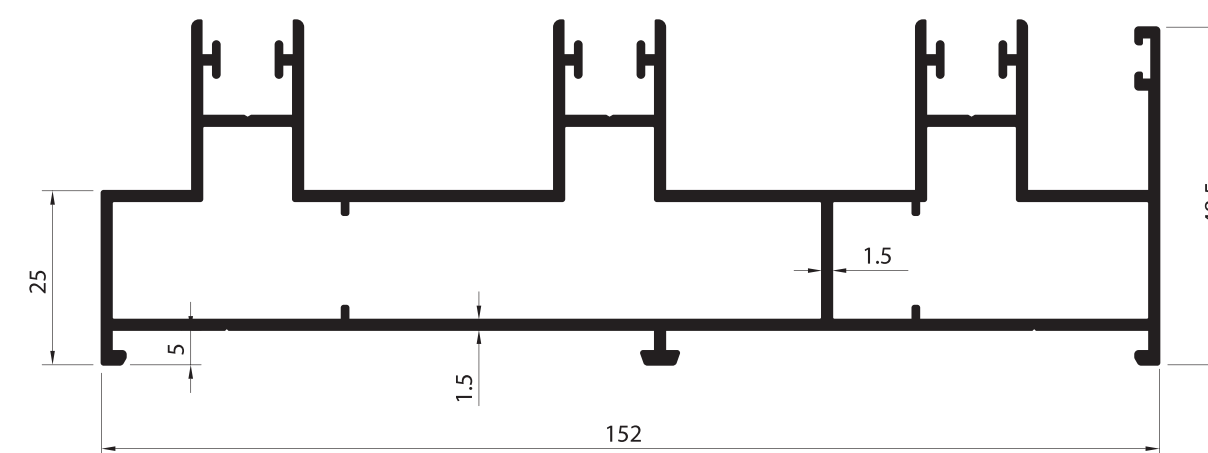
100mm Sliding Door (Single and Double Glazing)



Profile No. - SA-3004
Est. Weight - 0.499 kg/m

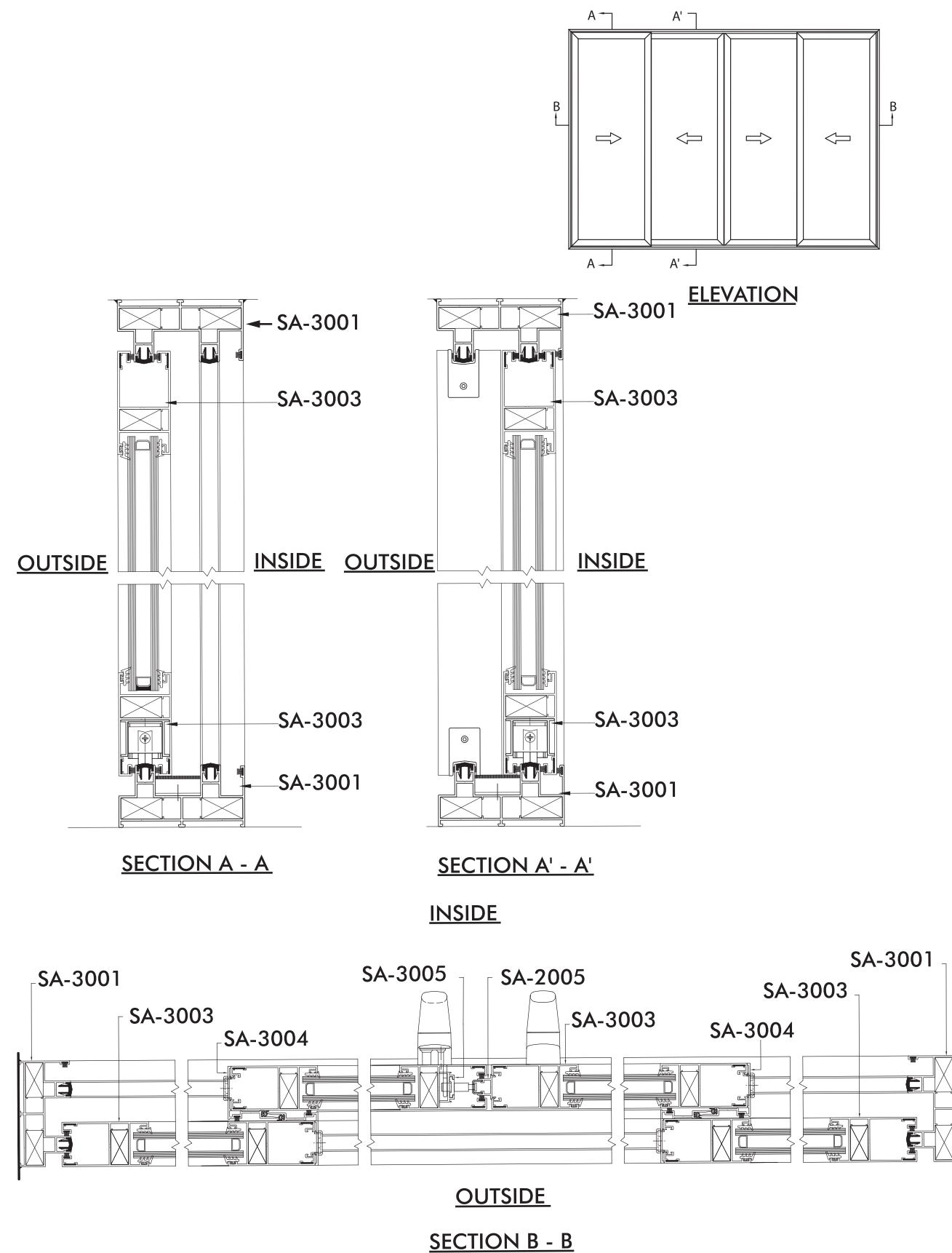


Profile No. - SA-3005
Est. Weight - 0.279 kg/m

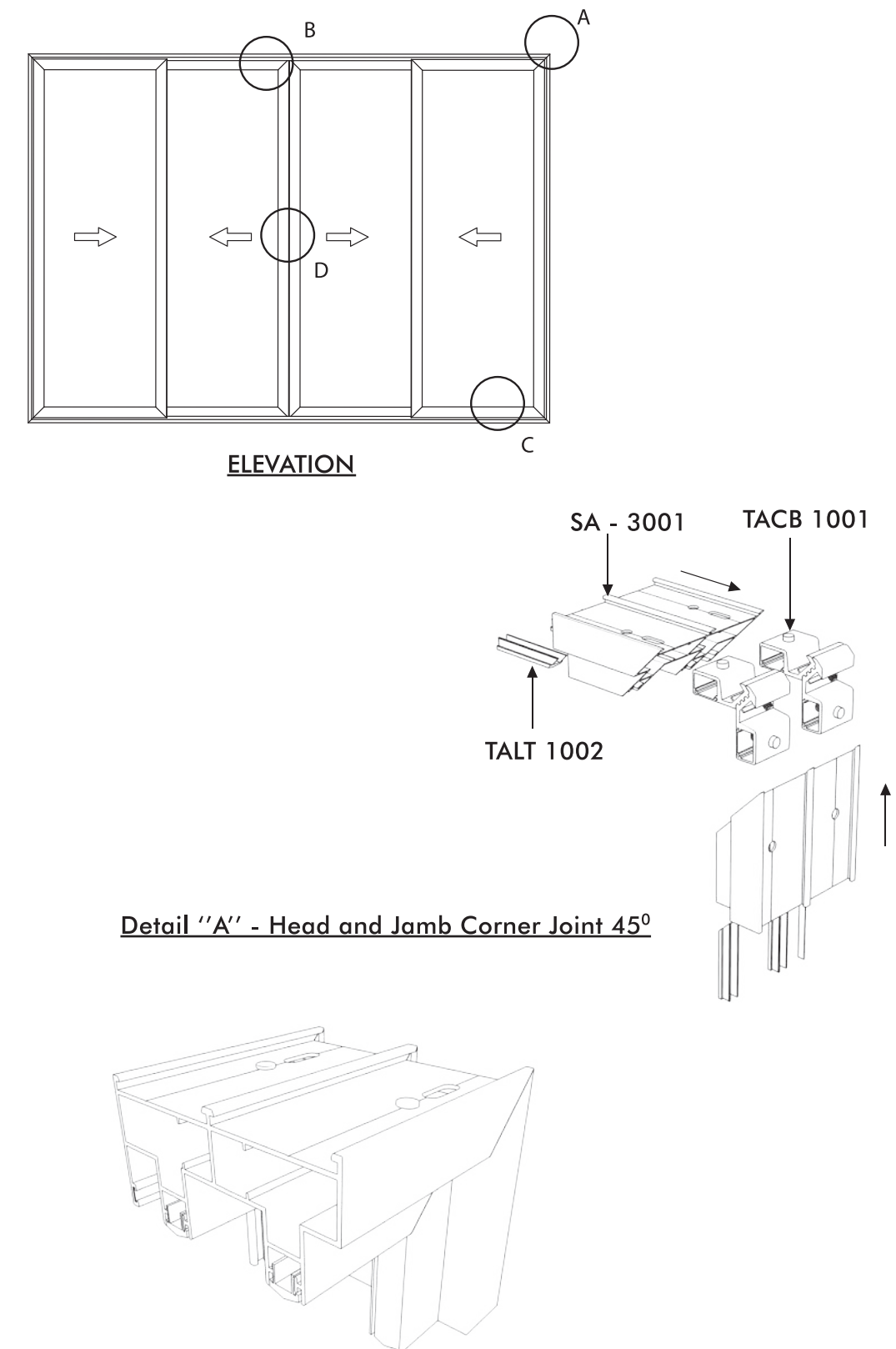


Profile No. - SA-3006
Est. Weight - 2.377 kg/m

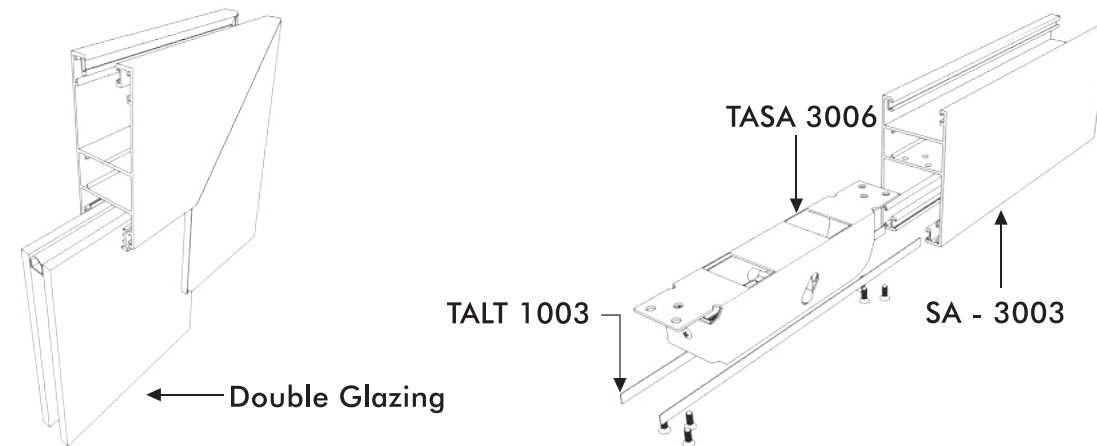
Double Track Sliding Door



3D Assembly Detail - Double Track Sliding Door

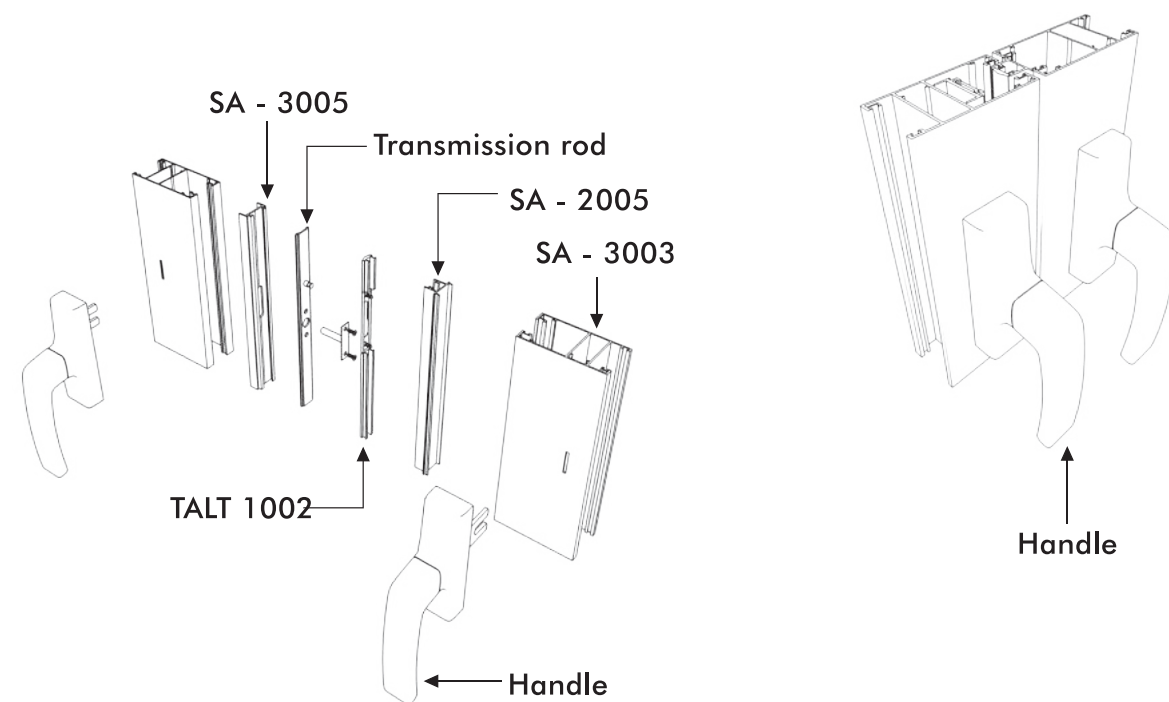


3D Assembly Detail - Double Track Sliding Door



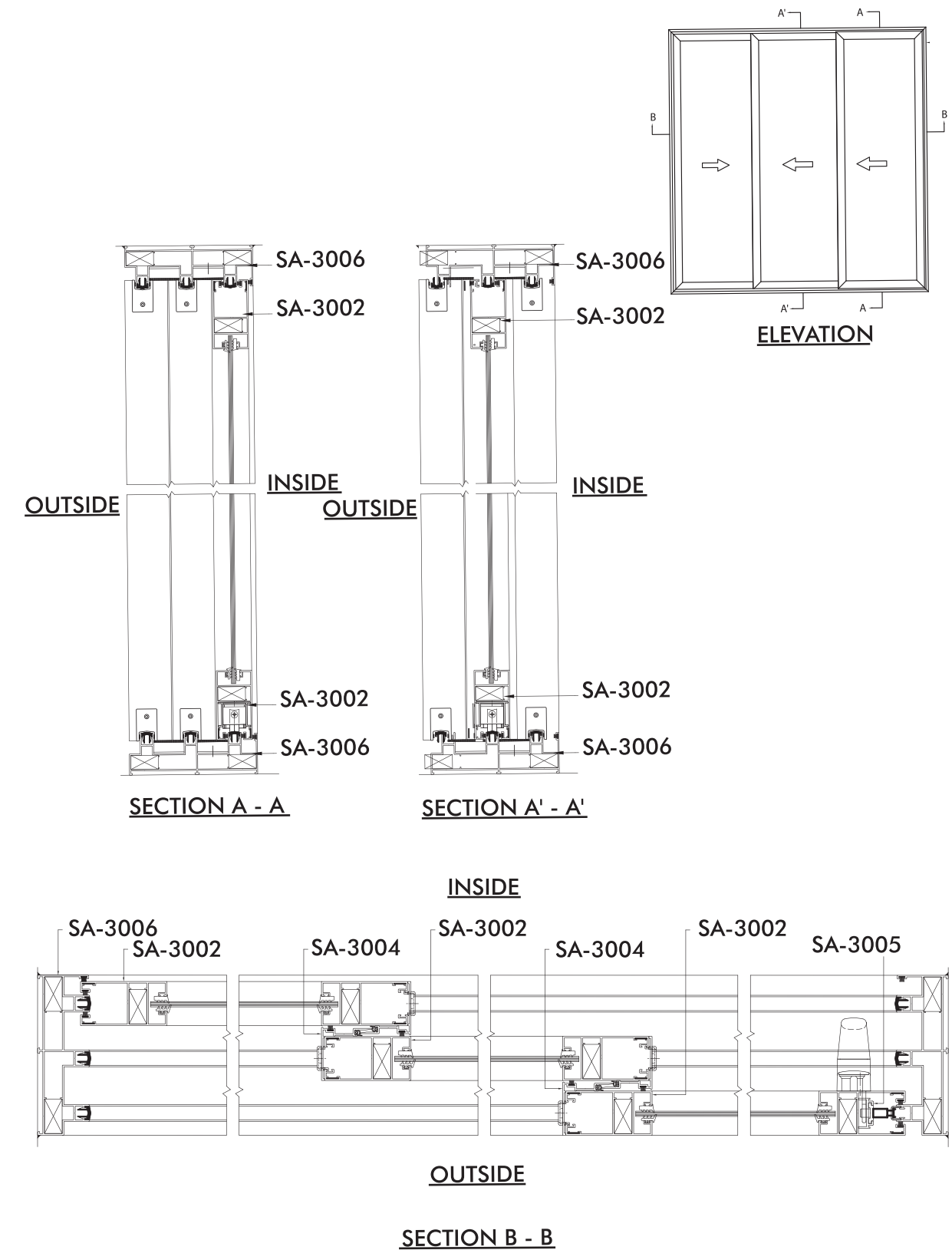
Detail "B" - Sash Corner Joint 45°

Detail "C" - Bottom Rail

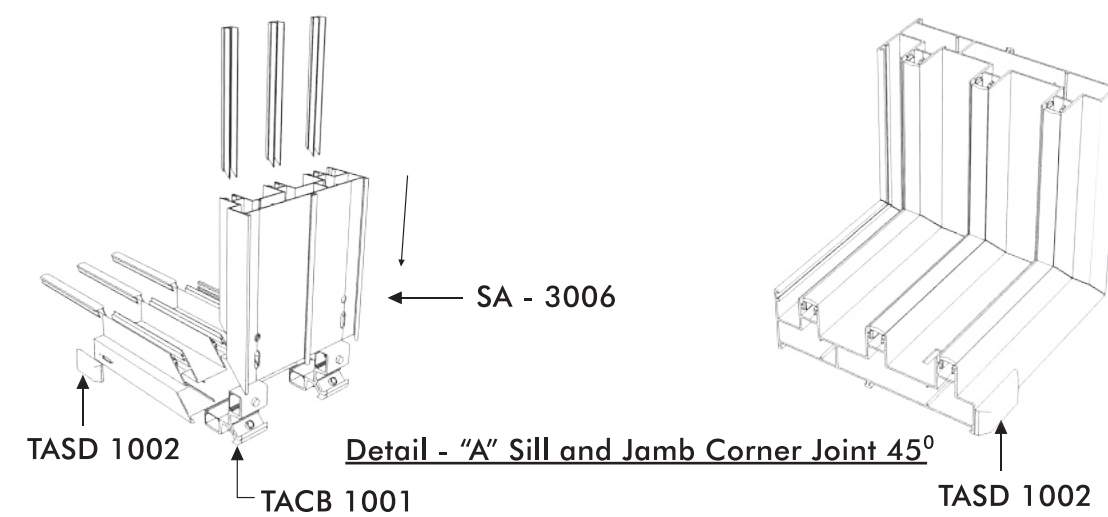


Detail "D" - Sash with Lock

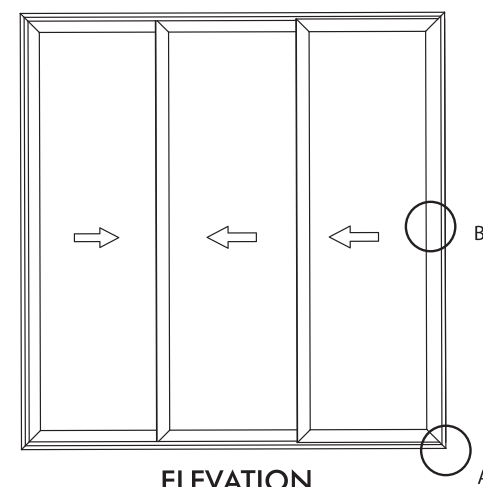
Triple Track Sliding Door



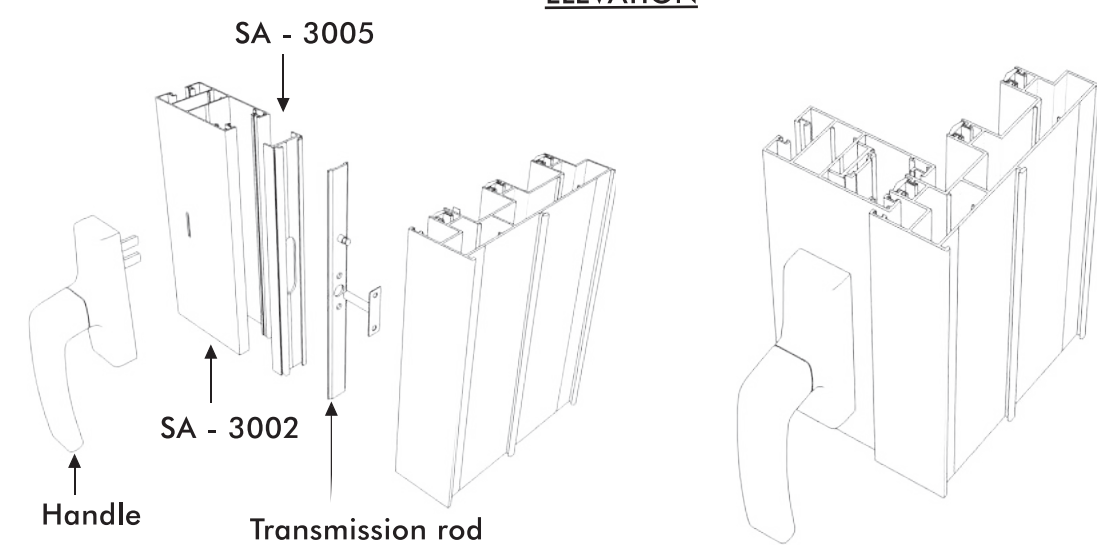
3D Assembly Detail - Triple Track Sliding Door



Detail - "A" Sill and Jamb Corner Joint 45°



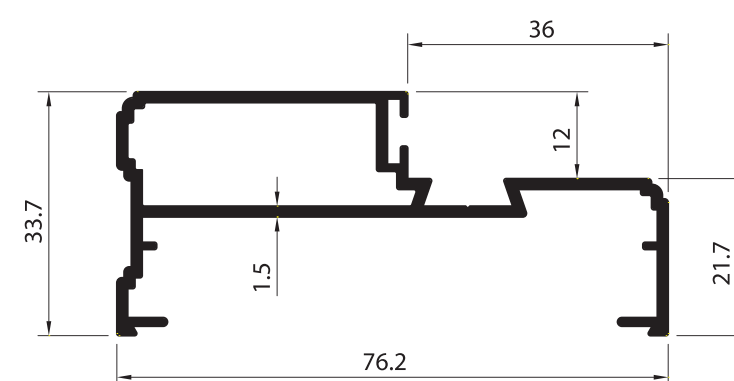
ELEVATION



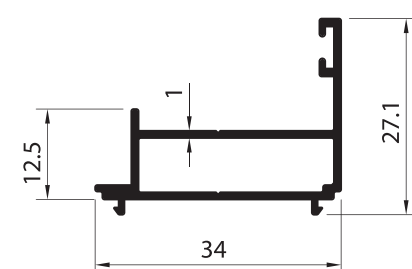
Detail - "B" Sash Lock with Jamb



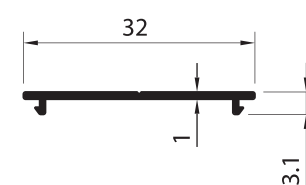
Panel Door



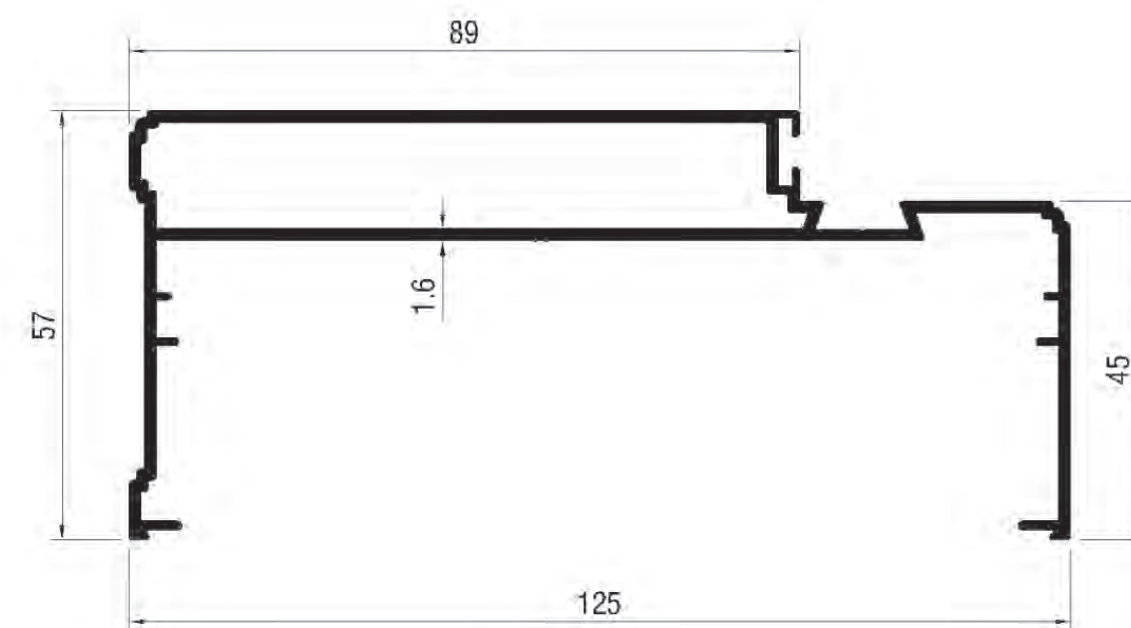
Profile No. - DO-7601
Est. Weight - 0.846 kg/m



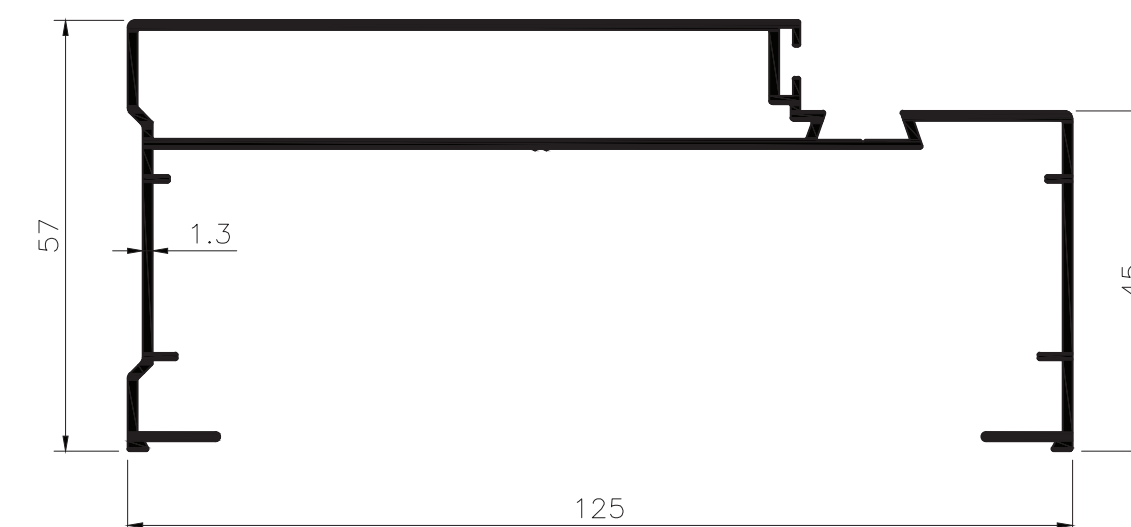
Profile No. - DO-7605
Est. Weight - 0.301 kg/m



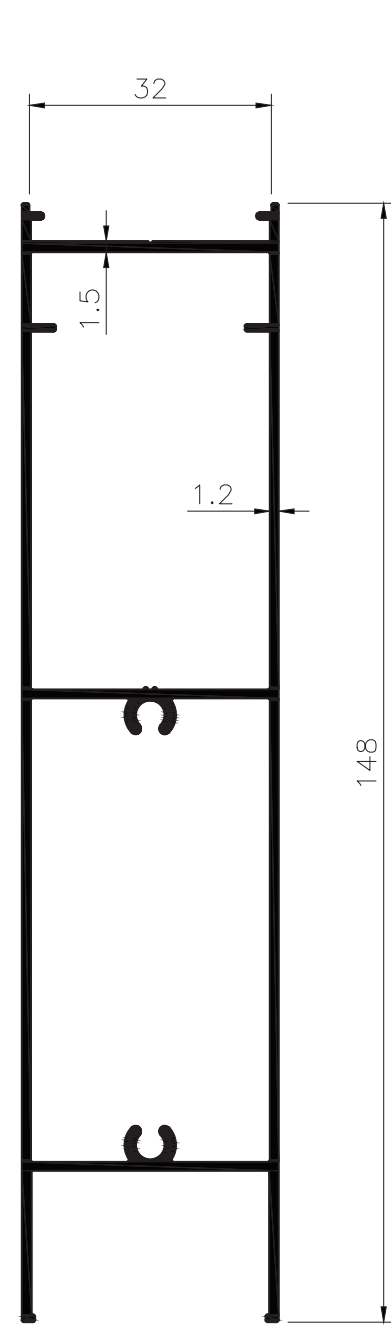
Profile No. - DO-7604
Est. Weight - 0.097 kg/m



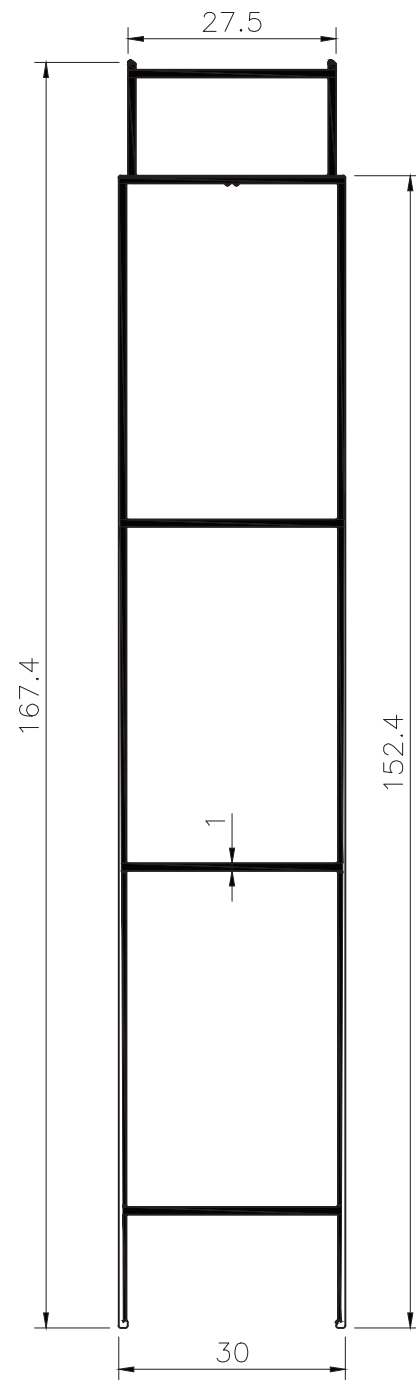
Profile No. - DO-7606
Est. Weight - 1.526 kg/m



Profile No. - DO-7609
Est. Weight - 1.302 kg/m

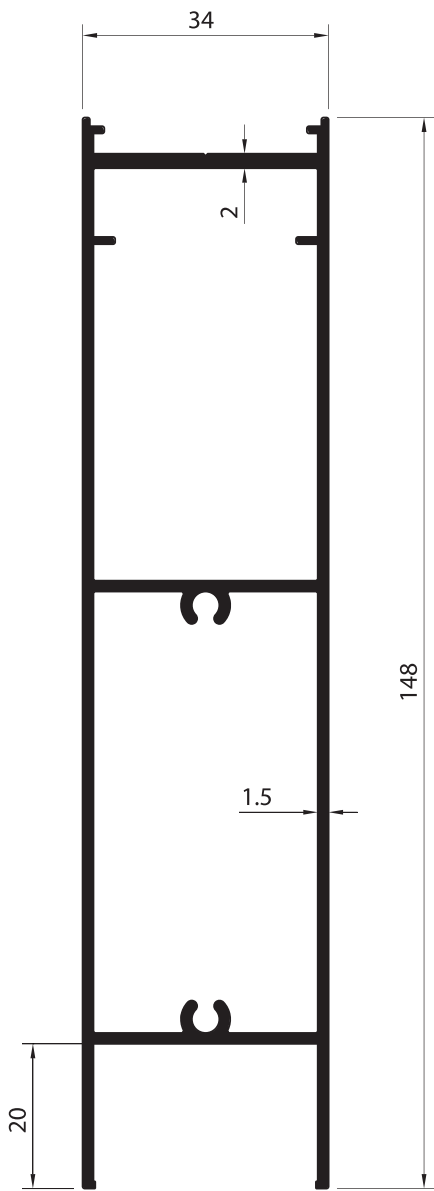


Profile No. - DO-7607
Est. Weight - 1.418 kg/m

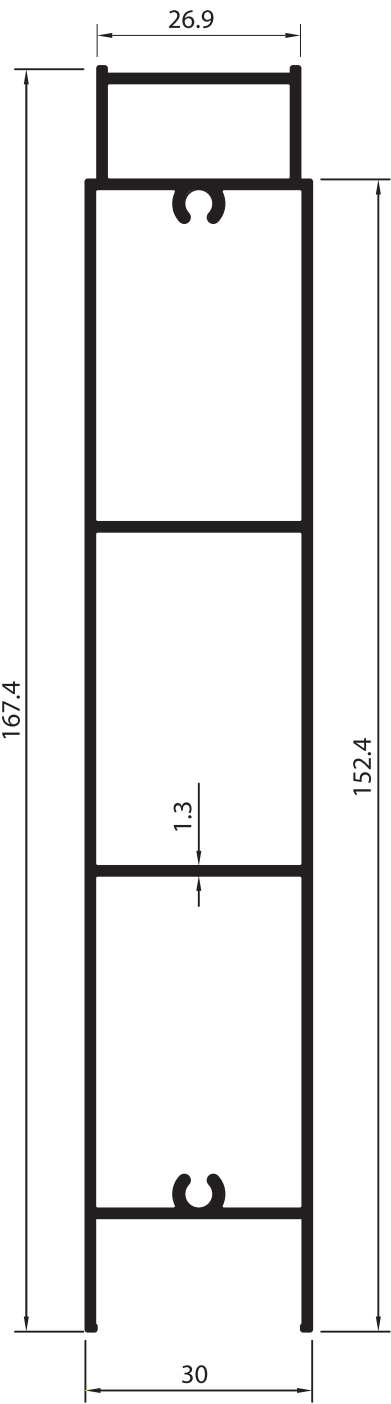


Profile No. - DO-7608
Est. Weight - 1.278 kg/m

Panel Door

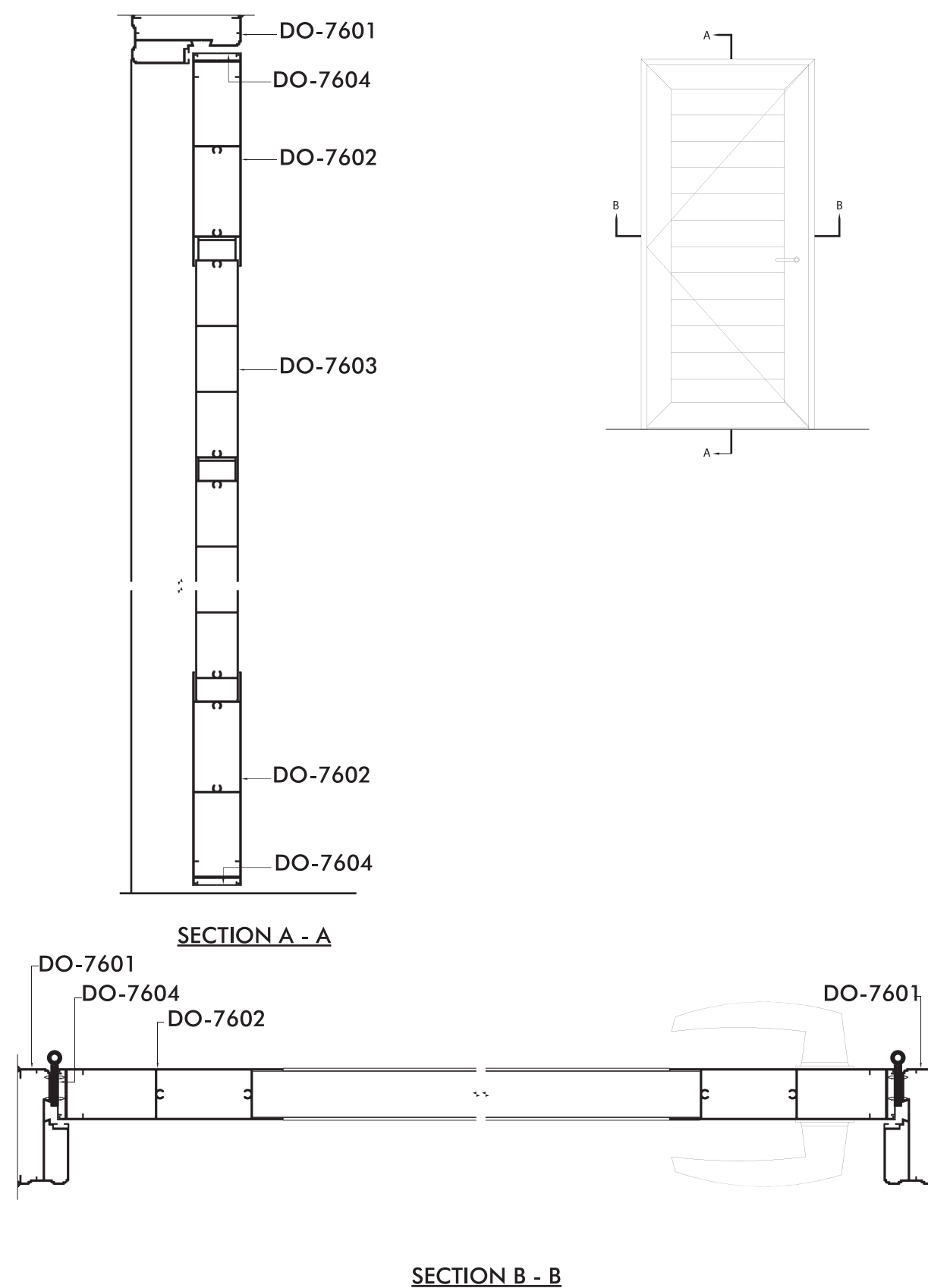


Profile No. - DO-7602
Est. Weight - 1.724 kg/m

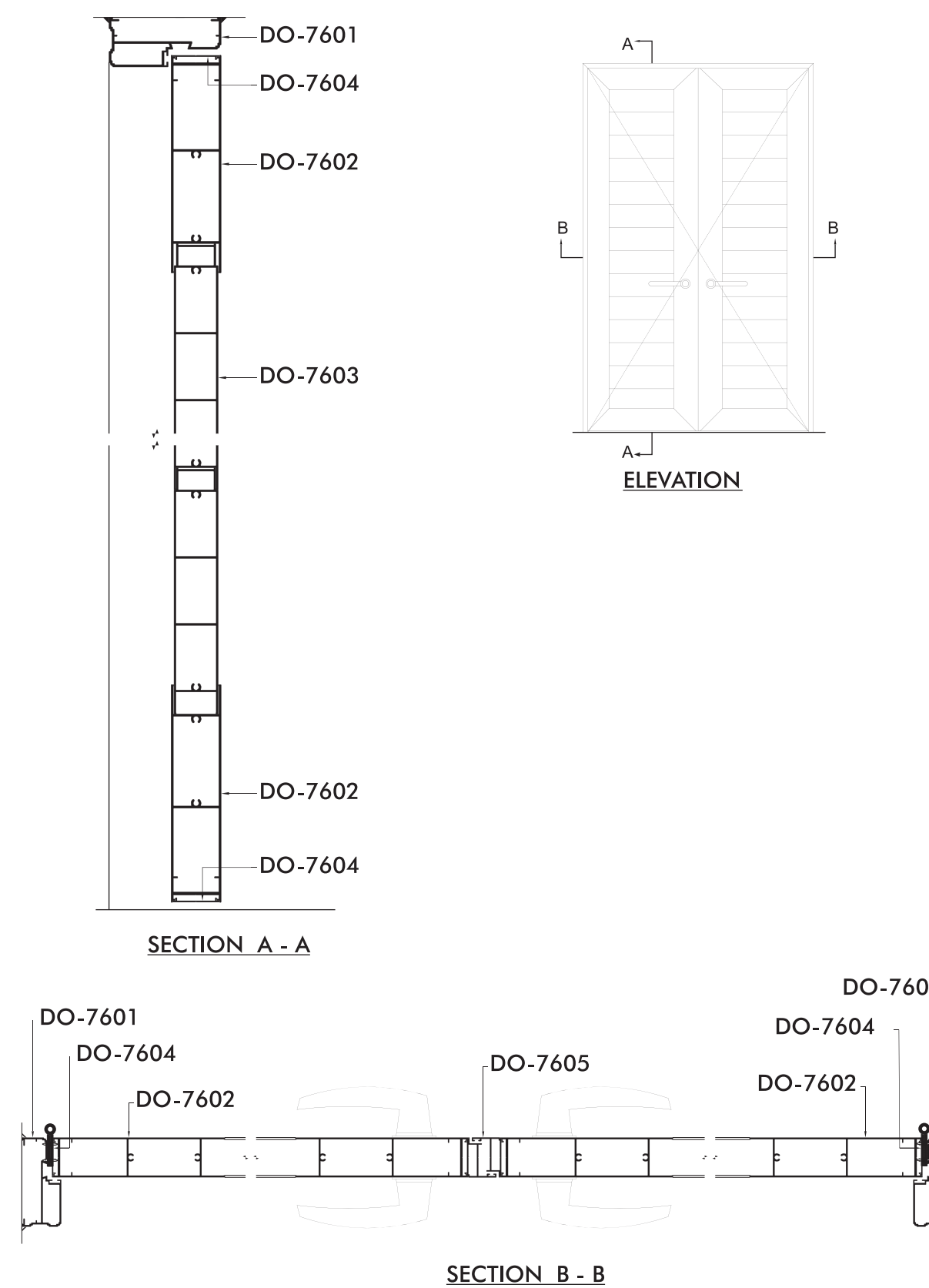


Profile No. - DO-7603
Est. Weight - 1.731 kg/m

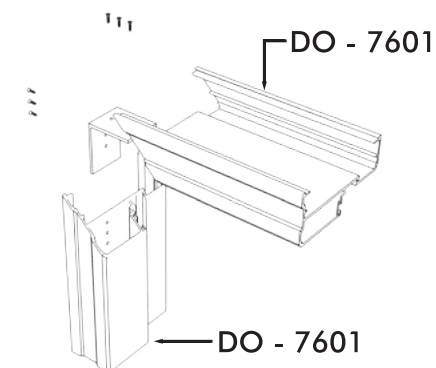
Panel Door – Single Sash



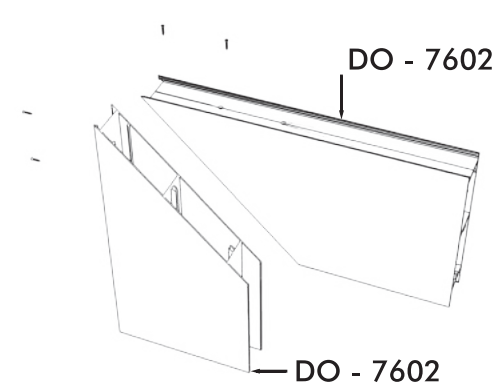
Panel Door – Double Sash



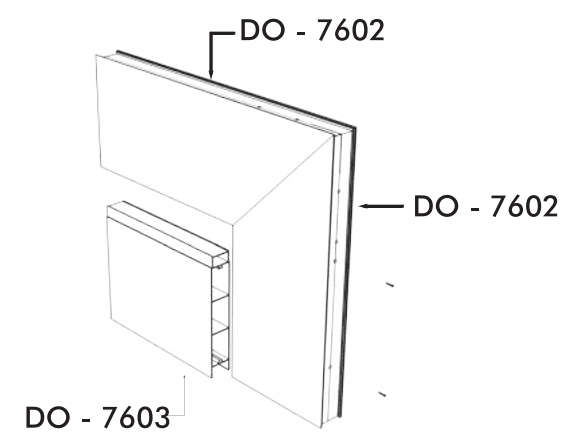
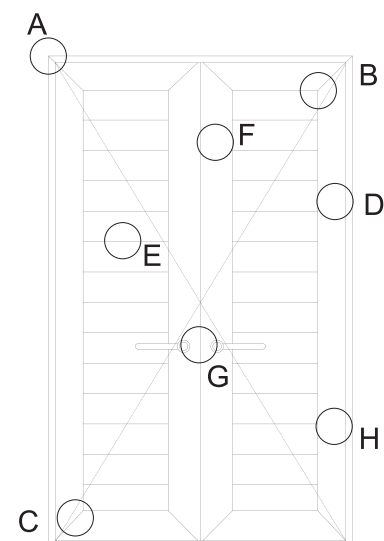
3D Assembly Detail - Double Sash Panel Door



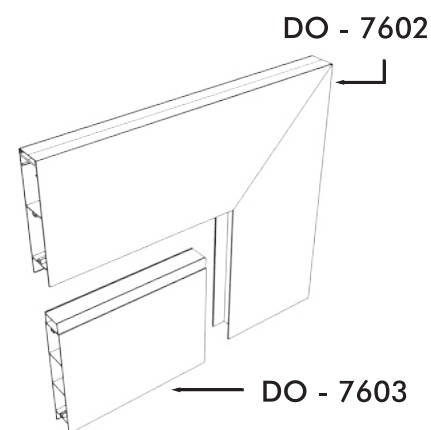
Detail - "A" Head and Jamb Corner Joint 45°



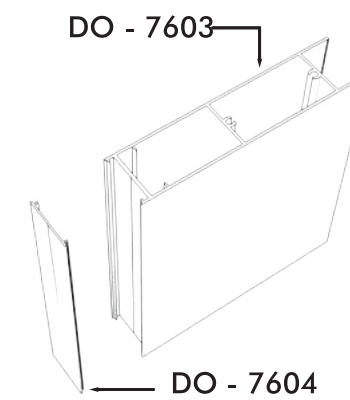
Detail - "B" Sash Corner Joint 45°



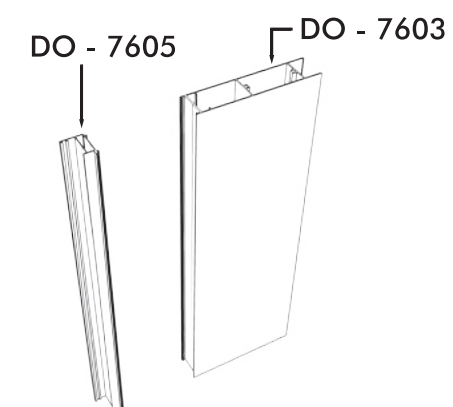
Detail - "C" Sash Assembly Detail



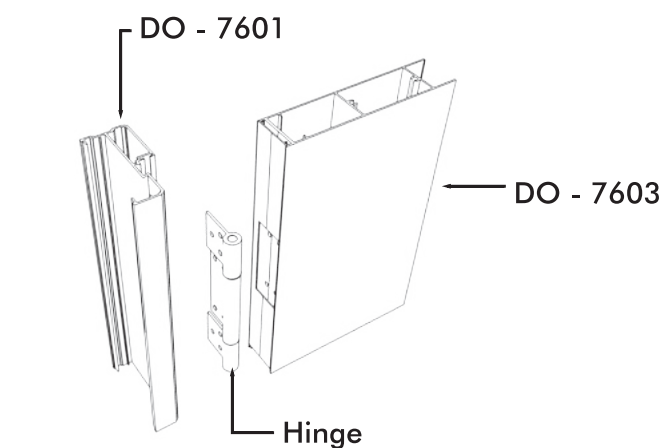
3D Assembly Detail - Double Sash Panel Door



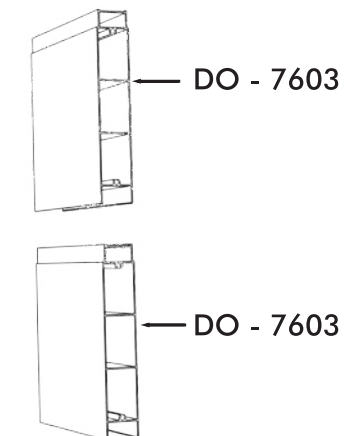
Detail - "D"



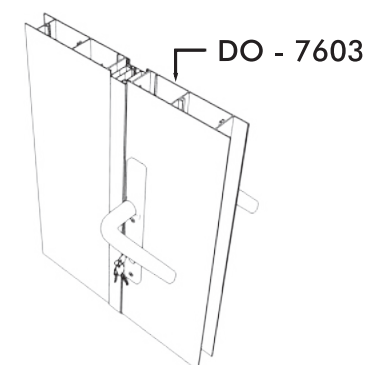
Detail - "F"



Detail - "H" Sash with Hinge

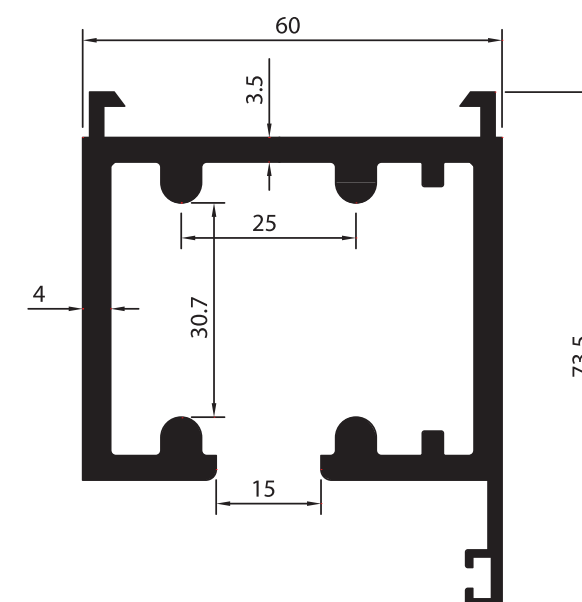


Detail - "E"

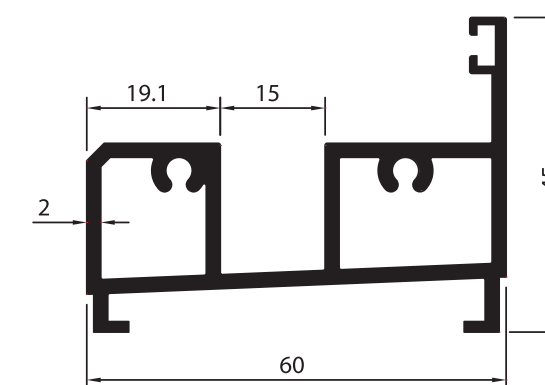


Detail - "G" Sash and Lock

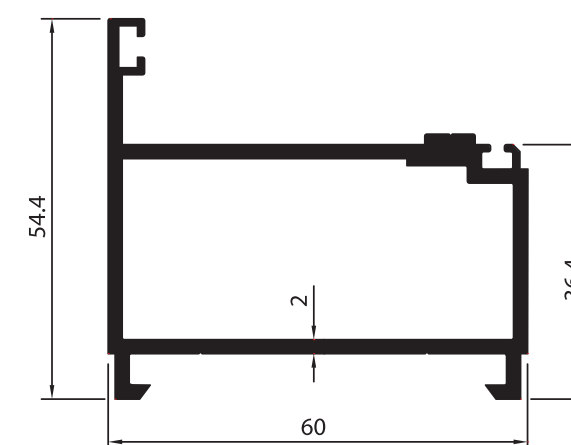
Sliding - Folding Door



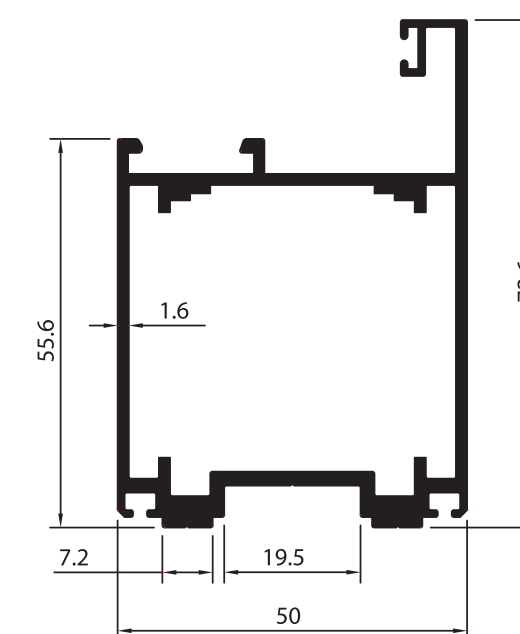
Profile No. - FD-6001
Est. Weight - 2.483 kg/m



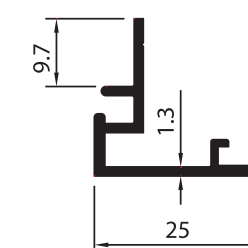
Profile No. - FD-6002
Est. Weight - 1.240 kg/m



Profile No. - FD-6003
Est. Weight - 1.205 kg/m

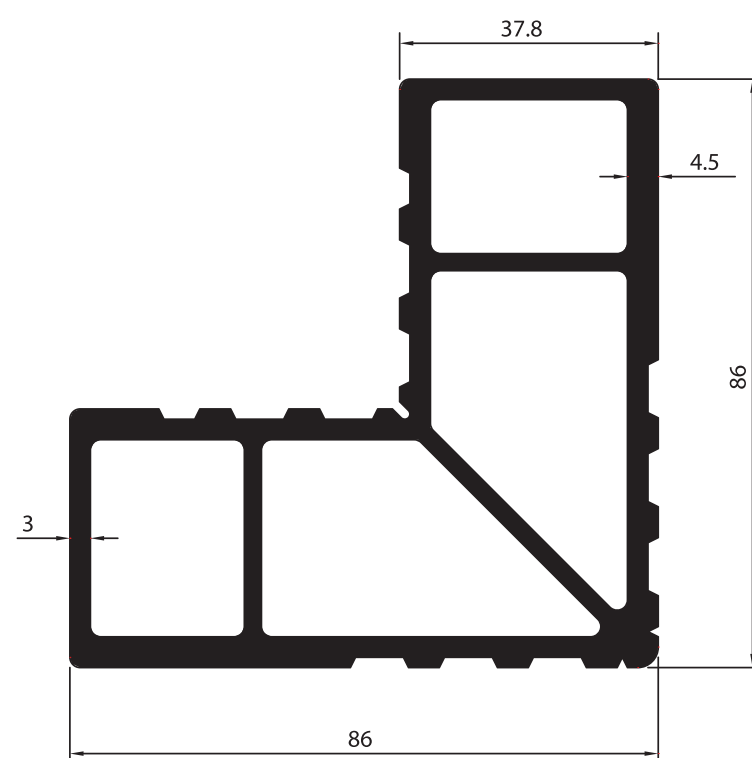


Profile No. - FD-6004
Est. Weight - 1.376 kg/m

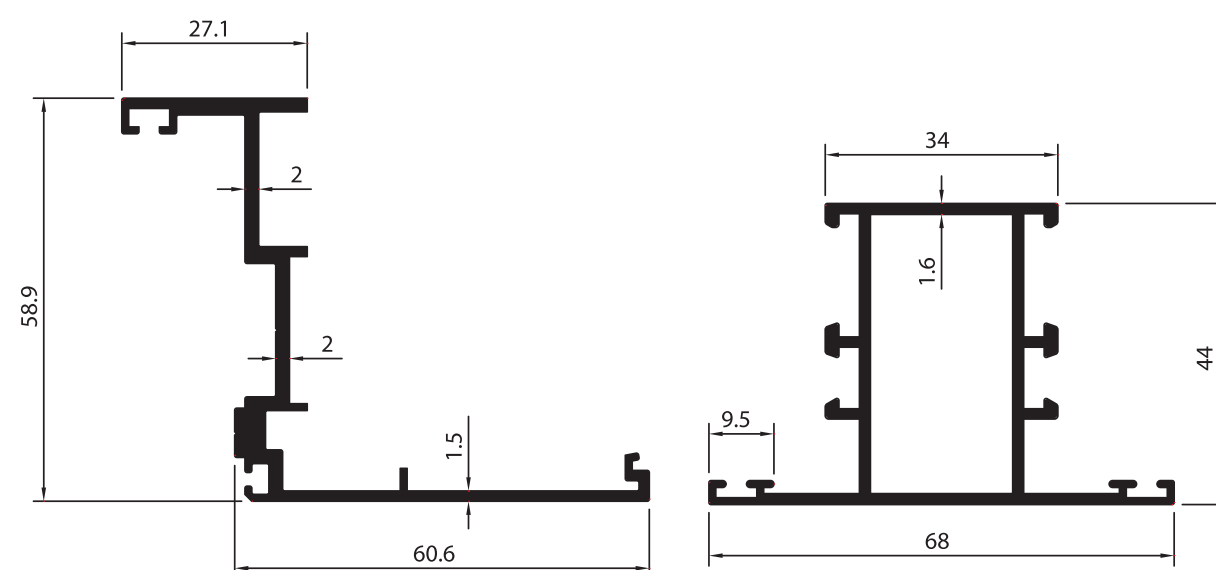


Profile No. - FD-6005
Est. Weight - 0.242 kg/m

Sliding - Folding Door



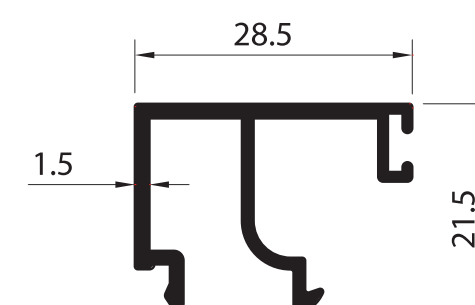
Profile No. - FD-6006
Est. Weight - 4.041 kg/m



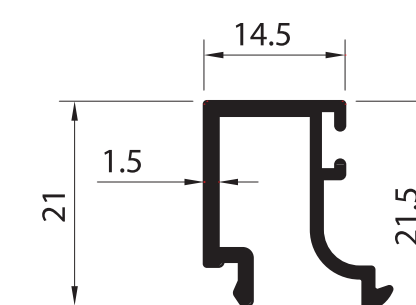
Profile No. - FD-6007
Est. Weight - 0.887 kg/m

Profile No. - FD-6008
Est. Weight - 0.958 kg/m

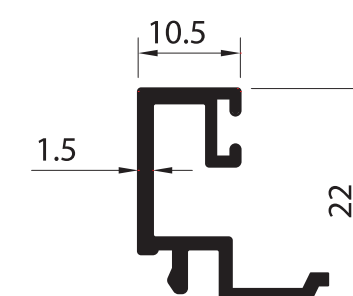
Sliding - Folding Door



Profile No. - FD-6009
Est. Weight - 0.320 kg/m

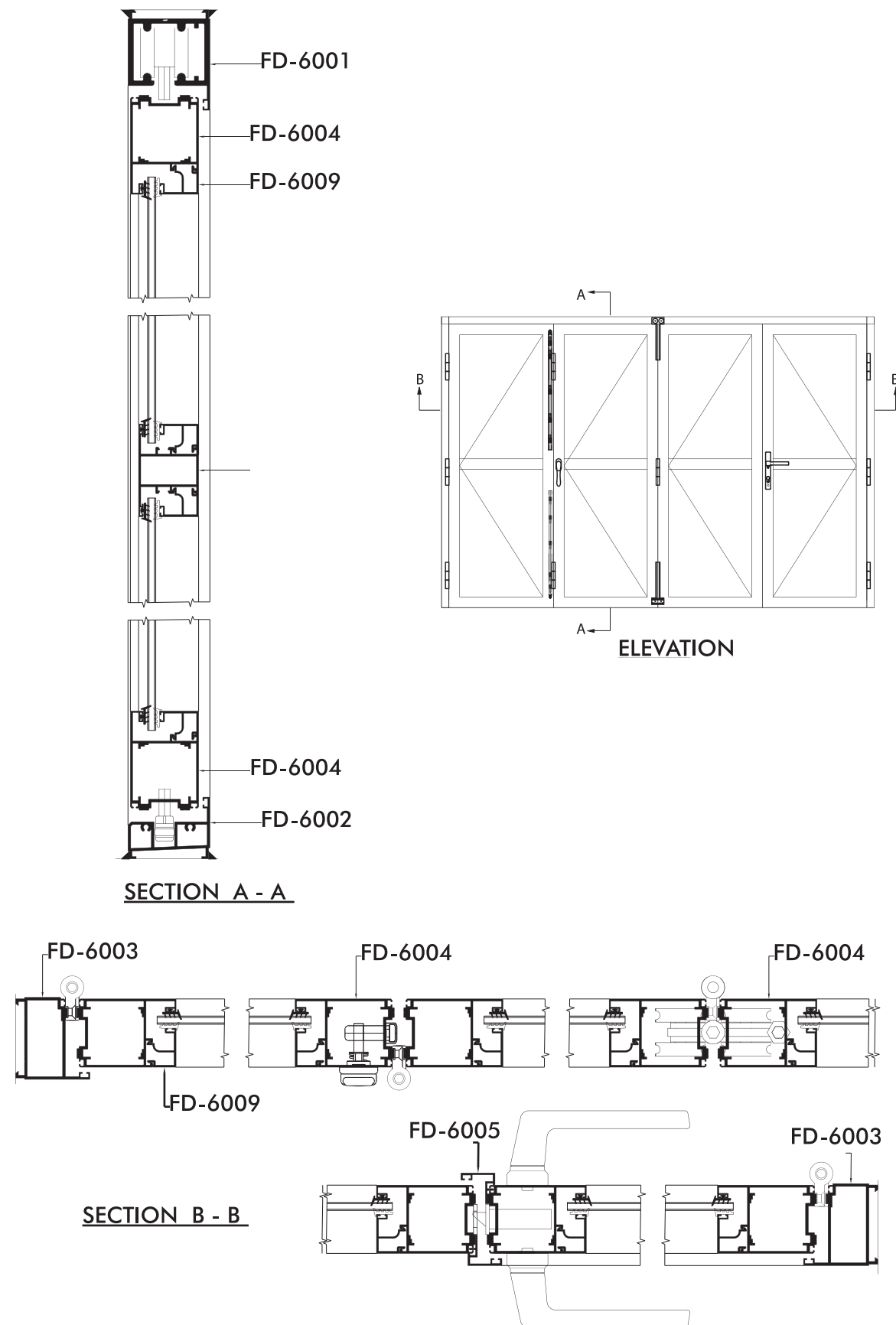


Profile No. - FD-6010
Est. Weight - 0.243 kg/m

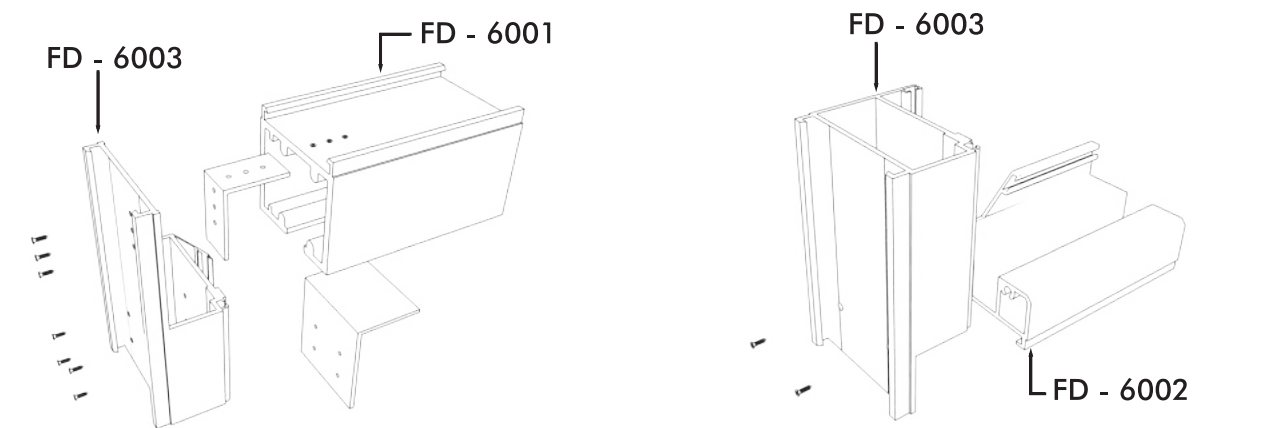


Profile No. - FD-6011
Est. Weight - 0.233 kg/m

Sliding - Folding Door

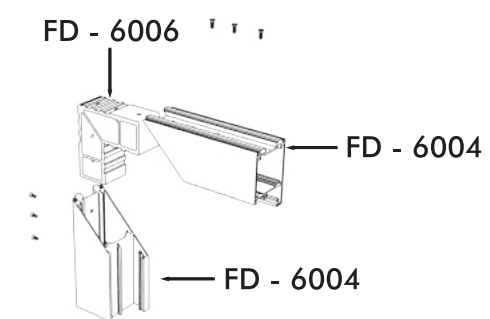
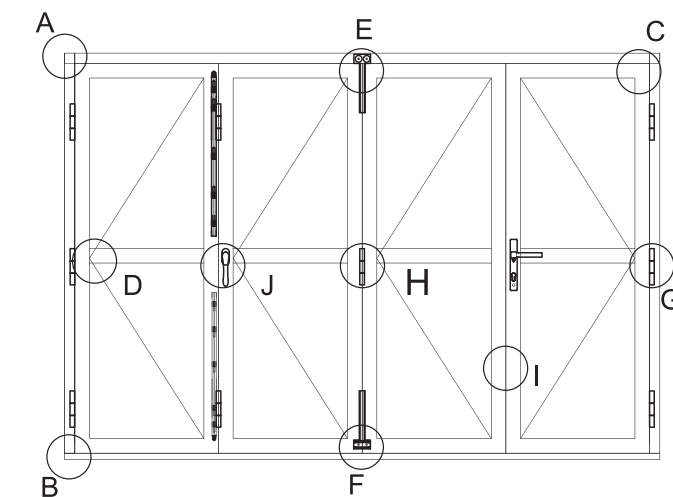


3D Assembly Detail - Sliding Folding Door

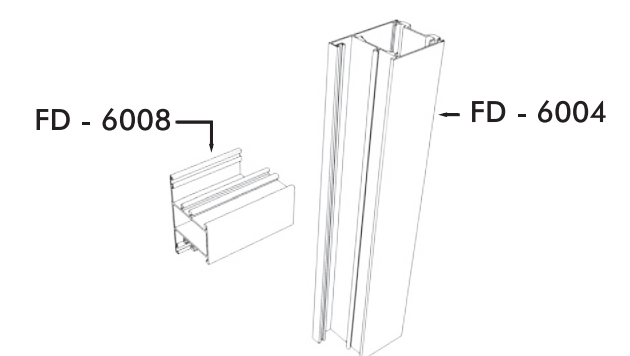


Detail - "A" Head and Jamb Corner Joint

Detail - "B" Sill and Jamb Corner Joint

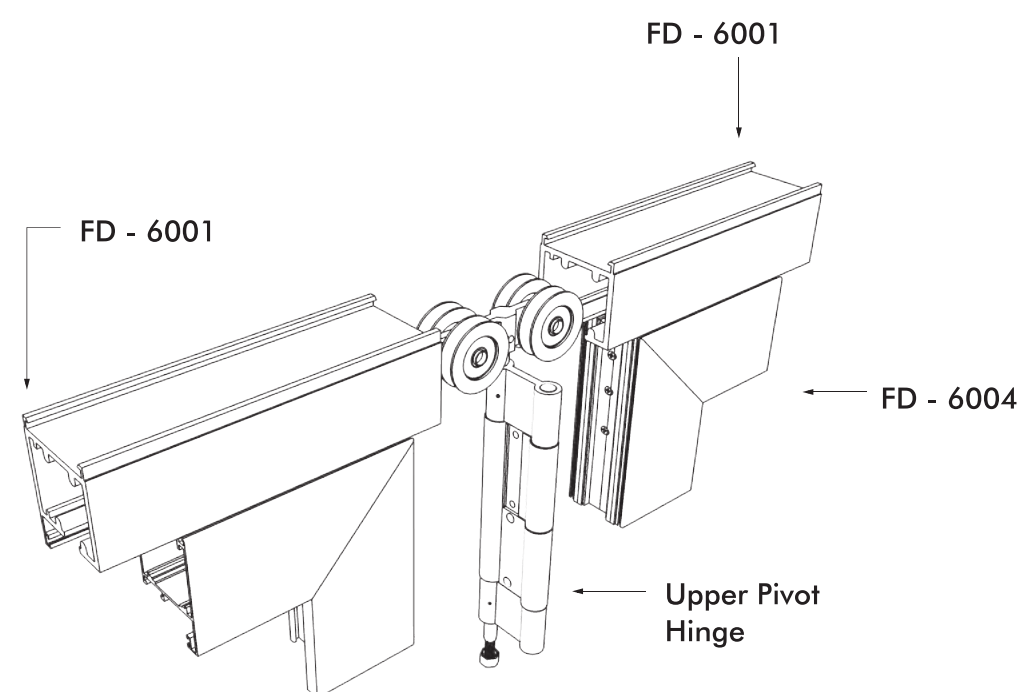


Detail - "C" Sash Corner 45° Joint

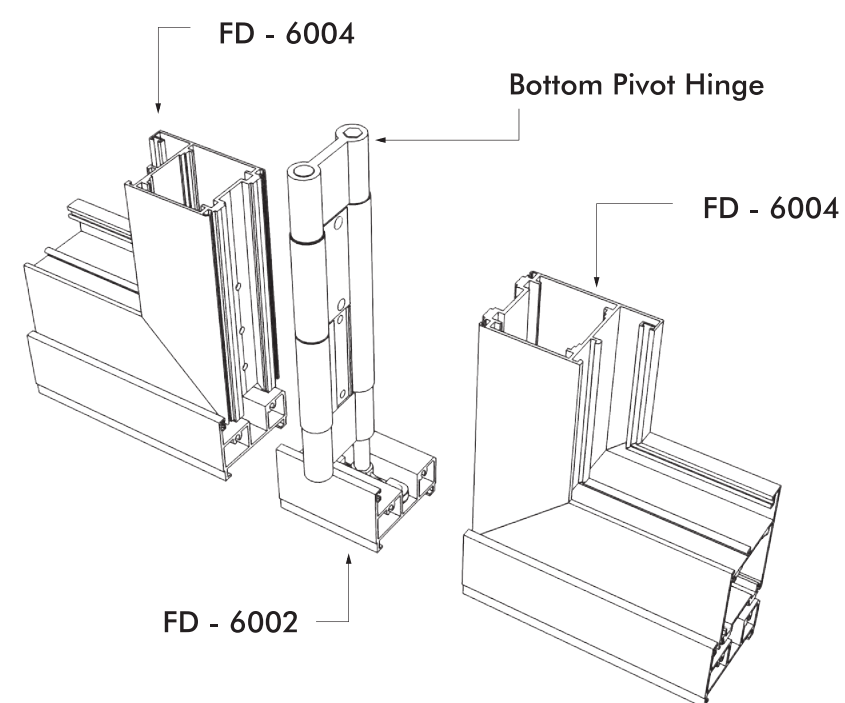


Detail - "D" Mullion (Fixed Joint)

3D Assembly Detail - Sliding Folding Door

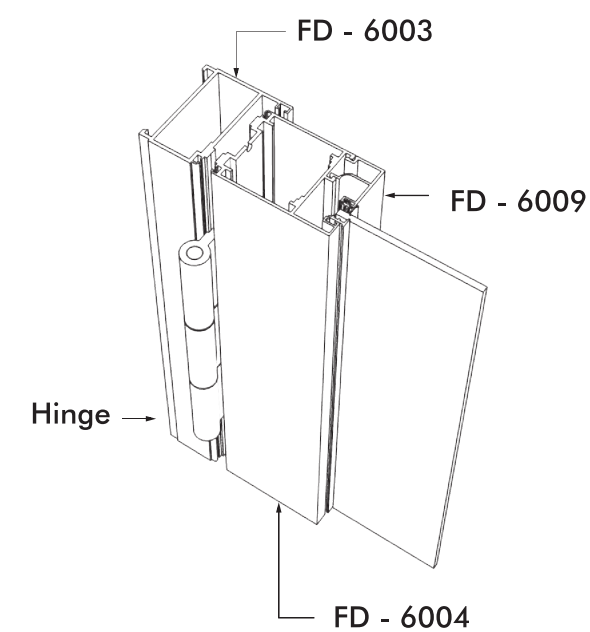


Detail - "E" Head and Upper Pivot Hinge

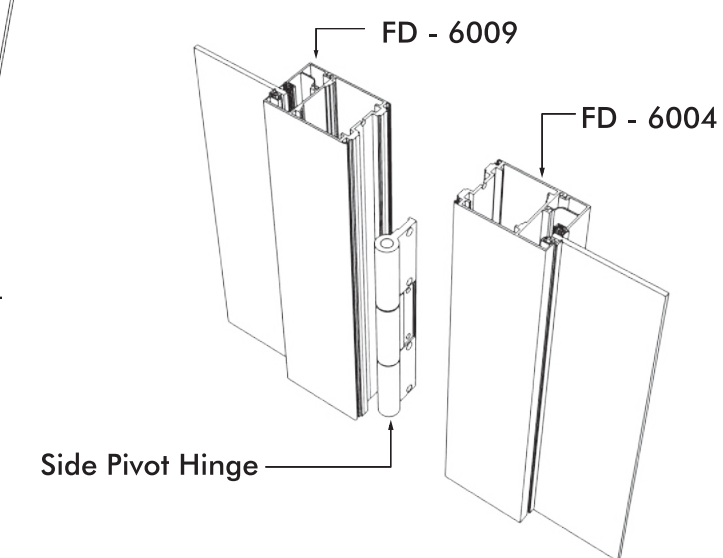


Detail - "F" Sill and Bottom Pivot Hinge

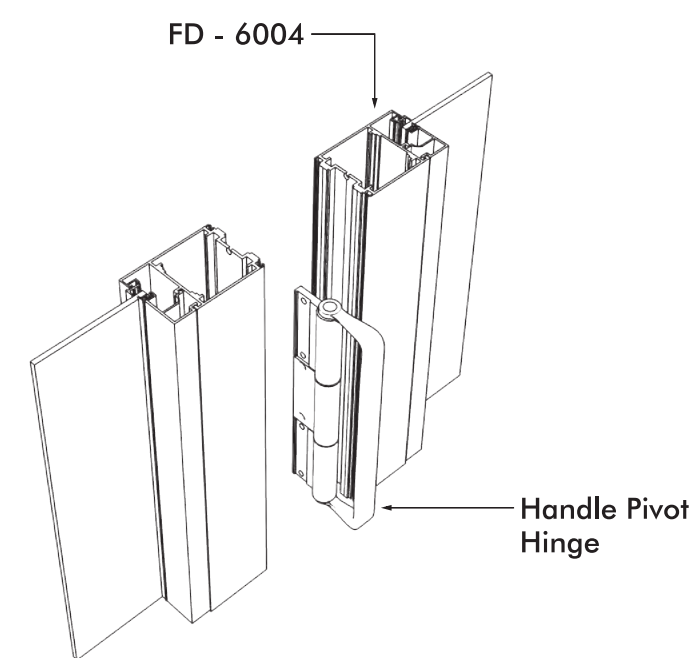
3D Assembly Detail - Sliding Folding Door



Detail - "G"

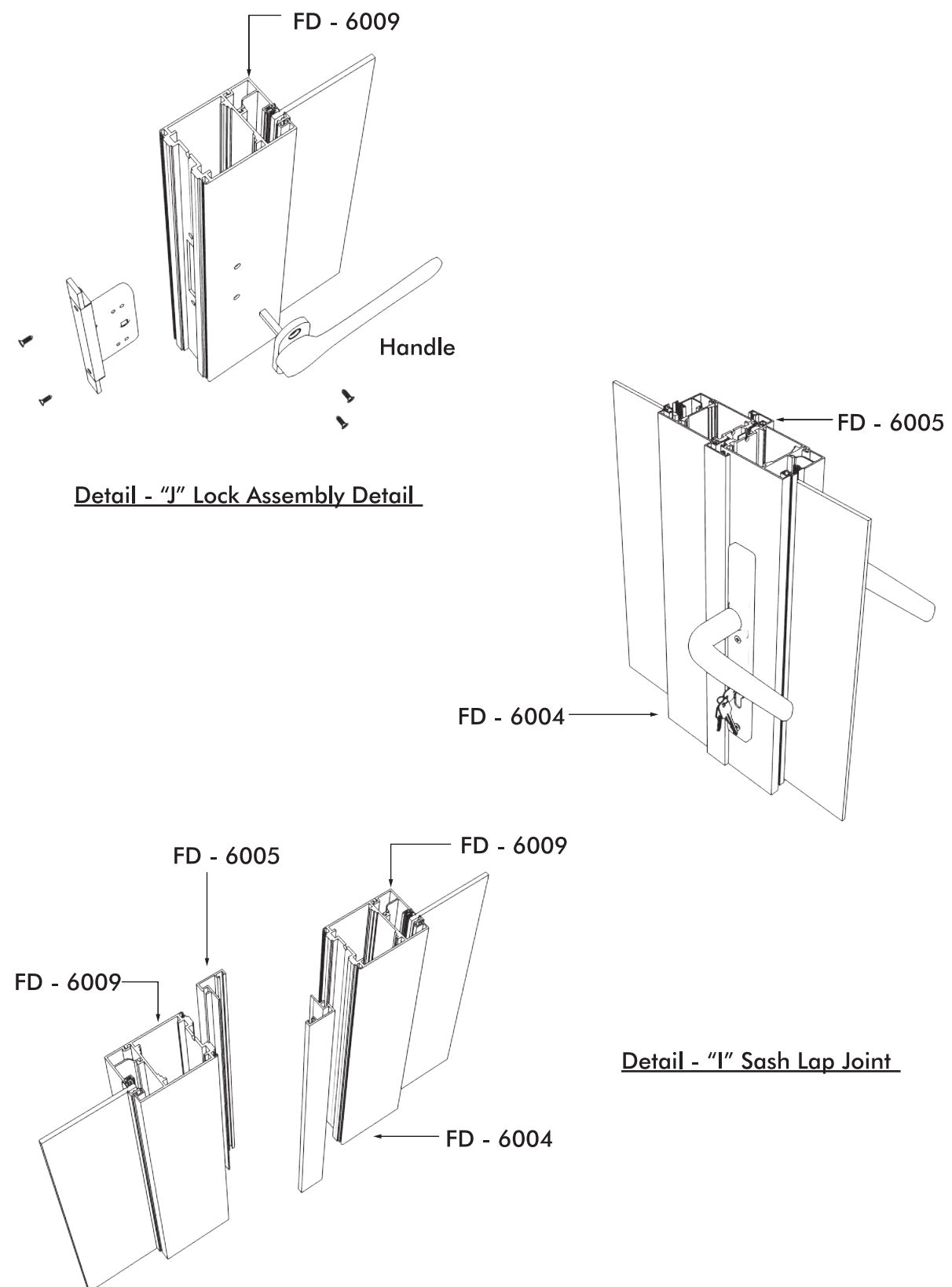


Detail - "H"

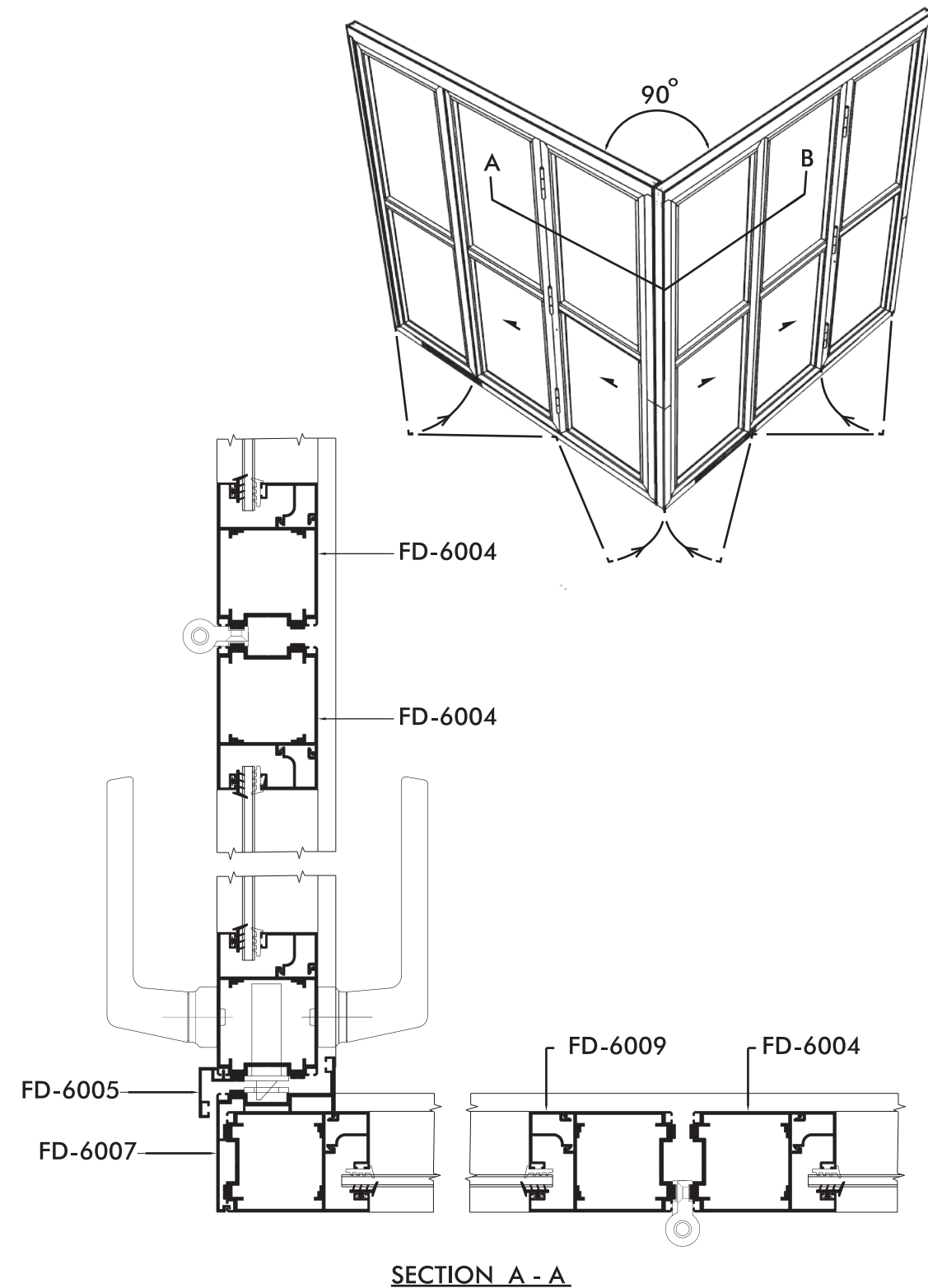


Detail - "J"

3D Assembly Detail - Sliding Folding Door



Corner Sliding - Folding Door





Certificate of Conformity



The Sri Lanka Standards Institution
certifies that the Environmental Management System of

SWISSTEK ALUMINIUM LIMITED
NO. 76/7, PAHALA DOMPE, DOMPE
SRI LANKA

has been assessed and approved in accordance with
the requirements of ISO 14001: 2015/ SLS ISO 14001: 2015

Certificate No: **ESC 02081**

This certificate issued on **2022-03-15** is valid up to **2025-03-14**

Date of First Certification **2022-03-15**

SCOPE OF CERTIFICATION

MANUFACTURE AND DISPATCH OF ANODIZED, POWDER COATED AND MILL
FINISHED ALUMINIUM EXTRUSIONS AS PER PRE-DETERMINED SPECIFICATIONS

This approval is subject to the continued satisfactory operation of the
organization's Environmental Management System.


DIRECTOR GENERAL/CEO

SRI LANKA STANDARDS INSTITUTION
No. 17, Victoria Place, Elvitigala Mawatha, Colombo 08, Sri Lanka
www.slsi.lk

ISO 14001



SRI LANKA STANDARDS INSTITUTION

Permit for the Use of SLS Certification Mark

1. By virtue of the powers derived under the provisions of section 19 of the Sri Lanka Standards Institution Act, No.6 of 1984, the Institution hereby grants to SWISSTEK ALUMINIUM LTD.

(Name of the Permit Holder)

of NO. 76/7, PAHALA DOMPE, DOMPE

(hereinafter

(Address)

called "the permit holder" this permit to use the Certification Mark set out in the first column of the Schedule hereto upon or in respect of the article(s)/Process set out in the second column of the said Schedule and manufactured/processed/operated at the premises located at NO. 76/7, PAHALA DOMPE, DOMPE

(Address)

and which are in conformity with the relevant Sri Lanka Standard(s) referred to in the third column of the said schedule as amended or revised from time to time.

2. This permit carries the rights and obligations stipulated in the rules and regulations made under the above mentioned Act.
3. This permit is subject to the General Conditions and Specific Conditions Issued as annexes to this permit.
4. The Institution reserves the right to change or add to any of the said conditions as and when required, with prior notice.
5. This permit is valid for the period upto the stipulated date of expiry, subject to the validity of the relevant Standards including the amendments and revisions if any, or until it is cancelled by the Director General or the Officer authorized on that behalf by the Director General or surrendered by the permit holder.

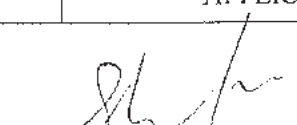
Permit No: 1335

Date of Issue: 2022-02-10

Date of Expiry: 2023-02-09

THE SCHEDULE

(1) Certification Mark	(2) Article (s)/Process	(3) Sri Lanka Standard(s)
 1410	"SWISSTEK ALUMINIUM" BRAND EXTRUDED ALUMINIUM ALLOY PROFILES (PLEASE SEE SPECIFIC PERMIT CONDITIONS FOR THE SCOPE)	SLS 1410 : 2011 SPECIFICATION FOR EXTRUDED ALUMINIUM ALLOY PROFILES FOR ARCHITECTURAL APPLICATIONS


Director General/Authorized Officer
SRI LANKA STANDARDS INSTITUTION



Certificate of Approval

SWISSTEK ALUMINIUM LIMITED

is certified as an Approved Applicator to coat

Jotun Super Durable

a product from Jotun Powder Coatings

This Company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.



November 15, 2021

(Certificate valid for one year from date above)

Authorised Signatory
Jotun Powder Coatings UAE (LLC)



Certificate of Approval

SWISSTEK ALUMINIUM LIMITED

is certified as an Approved Applicator to coat

Jotun Durasol

a product from Jotun Powder Coatings

This Company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.



November 15, 2021

(Certificate valid for one year from date above)

Authorised Signatory
Jotun Powder Coatings UAE (LLC)



Certificate of Approval

SWISSTEK ALUMINIUM LIMITED

is certified as an Approved Applicator to coat

Jotun Facade

a product from Jotun Powder Coatings

This Company fulfils the requirements set by Jotun Powder Coatings for pre-treatment and application of powder coatings. These include having the necessary equipment, process controls and technical knowledge to comply with Jotun Powder Coatings' standards.



November 15, 2021

(Certificate valid for one year from date above)

Authorised Signatory
Jotun Powder Coatings UAE (LLC)

CERTIFICATE

for a COATING APPLICATOR



SEASIDE

hereby authorises

Swisstek Aluminium Limited
No. 76/7, Pahala Dompe
11680 Dompe
Sri Lanka

to use the quality label in conformity with the
QUALICOAT 2022 Specifications, applicable from 1 January 2022

Licence No.: 5202

Date of Granting: 17.08.2018

Valid until: 31.12.2022

Zurich, 1 January 2022

QUALICOAT

Ivo Vermeeren
President



Sue C. C. Paredi
Managing Director

QUALICOAT | Tödiistrasse 48, 8002 Zurich, Switzerland |

www.qualicoat.net





ALUMINIUM

SWISSTEK ALUMINIUM LIMITED

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E-mail: sales@swisstekaluminium.com

Website: www.swisstekaluminium.com