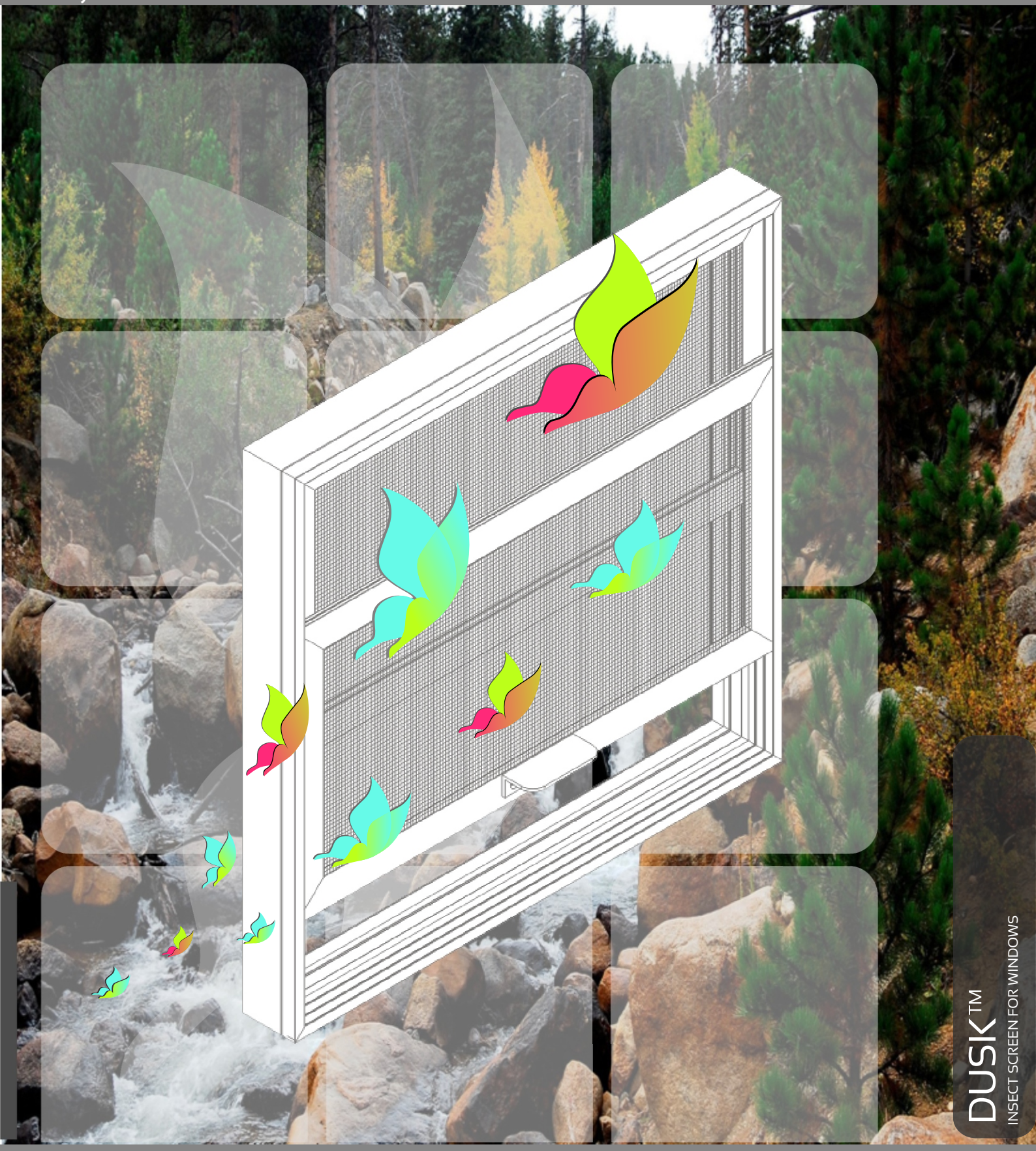
PRODUCT MANUAL

February 2020



DUSK™

INSECT SCREEN FOR WINDOWS

crealco

creative aluminium

A product of

WISPECO Aluminium

LEGAL DISCLAIMER

General Documentation Disclaimer

This manual is intended as a manufacturing and installation advisory document. For correct specifications, sizing of profiles and structural information please consult the StarFront Application. If the information you require is not available through the StarFront Application, please contact your stockist before proceeding. It is advisable to have all sizing and performance criteria checked by a qualified structural engineer to ensure that the required criteria will be met.

All information, recommendations or advice contained in this documentation is given in good faith to the best of Wispeco's knowledge and is based on current procedures in effect.

Since the actual use of this documentation by the user is beyond the control of Wispeco, such use is within the exclusive responsibility of the user. Wispeco cannot be held responsible for any loss incurred through incorrect or faulty use of this documentation. Training of Wispeco systems is important for ensuring correct procedures in the manufacturing of products.

Great care has been taken to ensure that the information provided is correct.

Ensure that you have the latest available manual. The revision number and date can be checked on the latest StarFront version.

Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

Specifications concerning products and applications

This manual is based on standard configurations only. As there are many configurations not covered in this manual, contact your stockist with regards to a configuration not represented herein if required.

AutoDesk drawings (CAD Symbol Library) are available on request and can be issued with the consent of the Wispeco Technical Department.

All mechanical joints must be sealed with a **Crealco approved joint sealer**. Failure to correctly seal the joints can affect the performance of the system. Information on joint sealing can be found in the Cleaning & Maintenance Manual** available for download from **www.crealco.co.za** or from StarFront.

All drawings in the Wispeco Documentation are NOT to scale and are used for illustrative purposes only.

Wispeco will not accept responsibility for the use of standard products since Wispeco does not know where these products are being installed.

The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe coastal environments the manufacturer of the hardware must be consulted.

For the coastal regions and any other high corrosion areas, the following is advised: to minimize phylliform corrosion use SurTec650 RTU spray during the manufacturing of aluminium profile systems. This should be applied, before assembly, on all pre-work aluminium where the powder coating covering has been removed thereby exposing the raw aluminium base.

The use of non-specified hardware or incorrect mechanical fasteners can adversly affect the mechanical and weathering performance of the system and we strongly advise against deviations. A Wispeco Consultant can advise you of any hardware issues and limitations with regard to this system.

The use of anti-magnetic stainless steel screws and aluminium pop rivets is recommended to reduce galvanic corrosion in harsh environments.

Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAMSA specifications. When profiles are screwed together the screw centres must also be according to the user manual or as specified by an engineer.

All glass used within Wispeco products must comply with SAGGA regulations. Laminated glass must not stand in water.

***For Cleaning and Maintenance of this system please download the Wispeco Installation, Cleaning and Maintenance Procedures from the Crealco website (www.crealco.co.za).*

By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

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DUSK™
INSECT SCREEN FOR WINDOWS

PRODUCT MANUAL

DUSK™ INSECT SCREEN FOR WINDOWS

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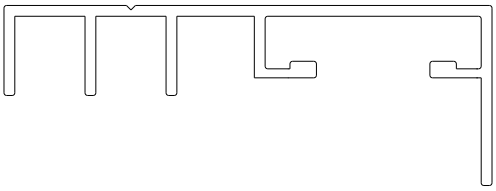
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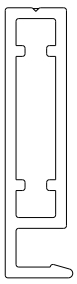
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Profile Identification

Dusk Flyscreen Profiles



DIE No. W31069 | Flyscreen Outer Frame



DIE No. W13484 | Flyscreen Sash

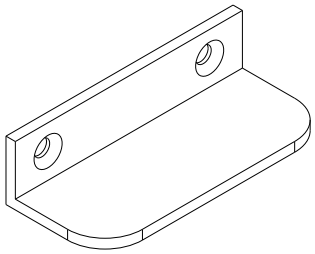
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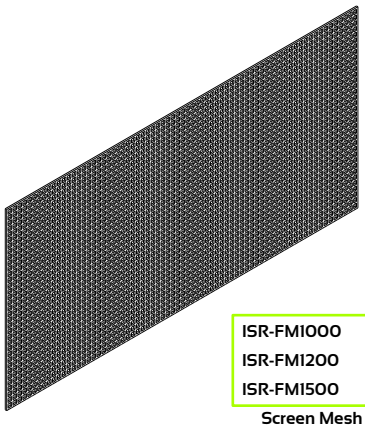
Hardware Components

RECOMMENDED DUSK FLYSCREEN COMPONENTS

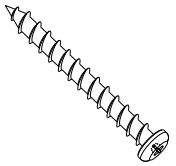
All hardware is available through our Stockists as well as through Crealco Components, and can be viewed on www.crealco-components.com



ISR-FSH
Dusk Handle



ISR-FM1000
ISR-FM1200
ISR-FM1500
Screen Mesh



FSP-0830P-SS
8x30 P/Head POSI S/S Screw



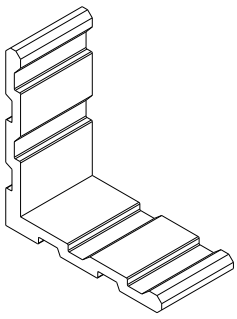
FSC-0809HBP
Handle Screw Blunt Point



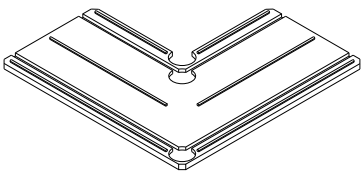
SGD-ARS
Plastic Button



GSN-RS05
Dusk Flyscreen Spline



W52695
Dusk Corner Cleat



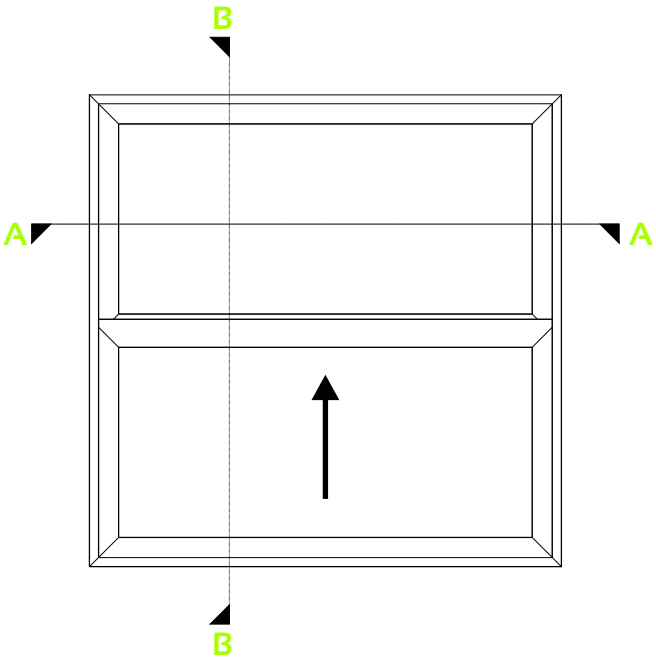
LGC-F54-PVC
Dusk Sash Corner Cleat

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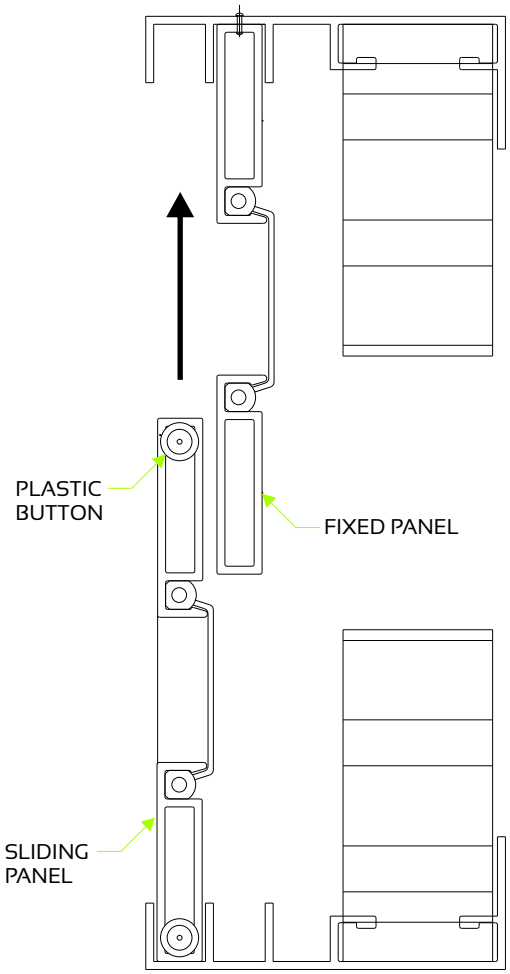
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Cross-Sectional Detail

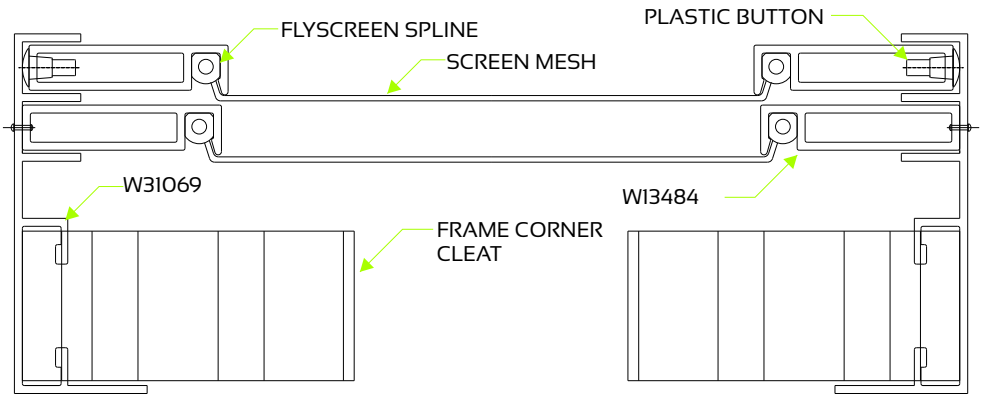
Vertical Slider



SECTION B-B
Section not to scale



SECTION A - A
Section not to scale

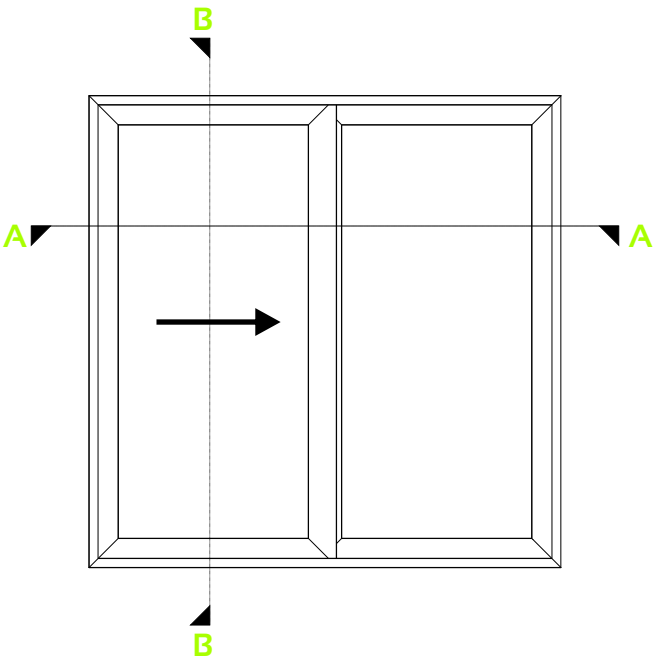


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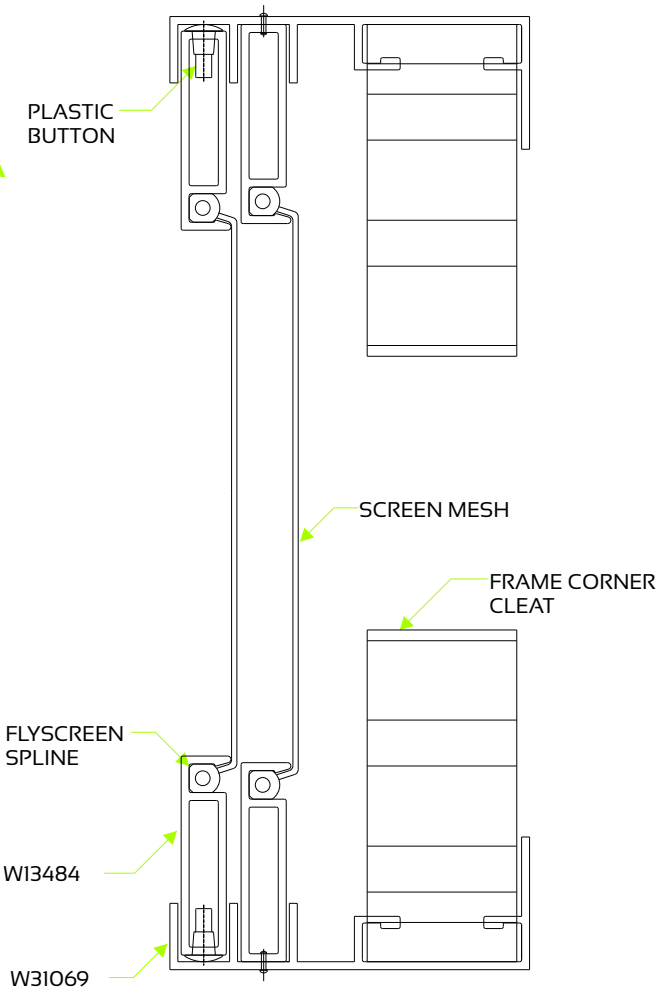
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Cross-Sectional Detail

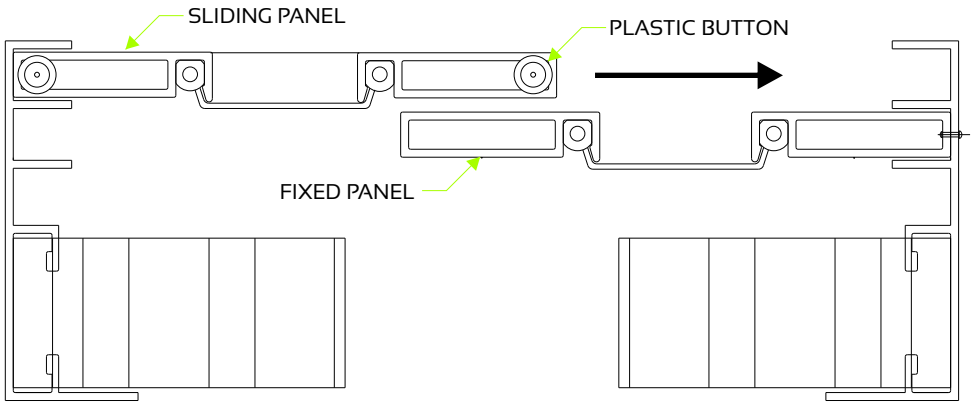
Horizontal Slider



SECTION B-B
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SECTION A - A
Section not to scale



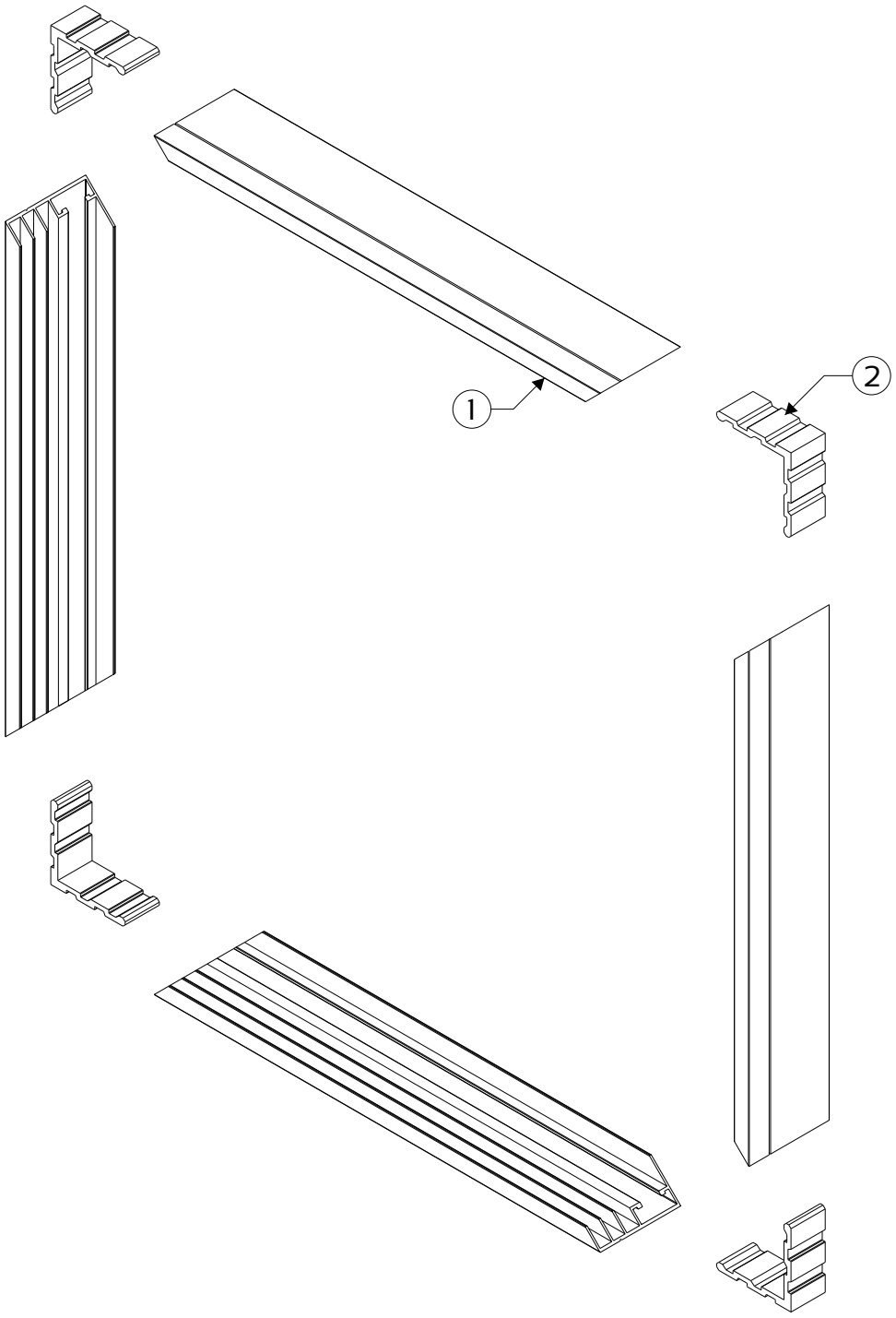
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Component Assembly Detail

Outer Frame



System Profiles

ITEM	QTY	DIE No.	DESCRIPTION
1	4	W31069	Outer Frame

Hardware

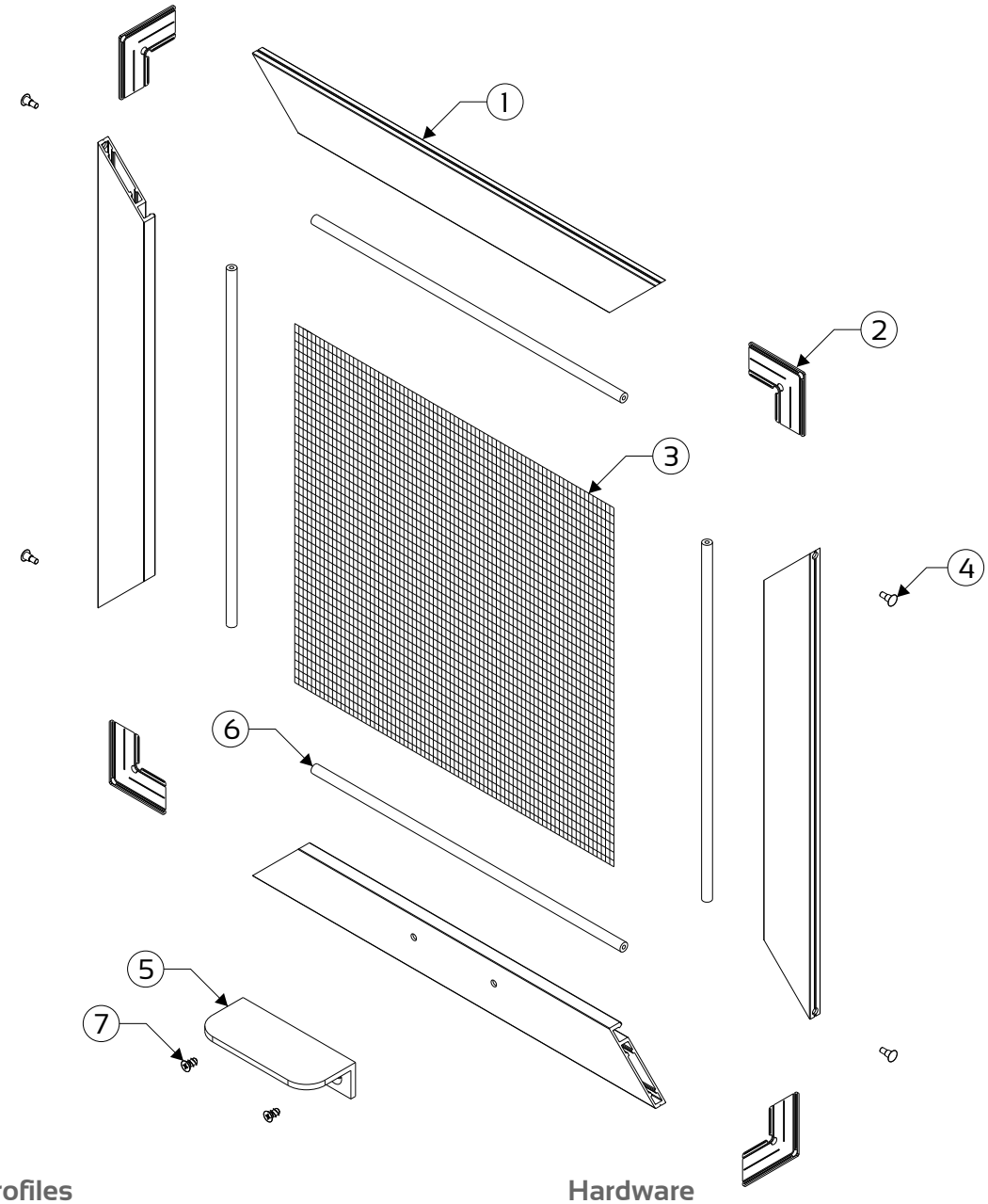
ITEM	QTY	COMPONENT DESCRIPTION
2	4	Frame Corner Cleat

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Component Assembly Detail

Bottom Sash Sliding



System Profiles

ITEM	QTY	DIE No.	DESCRIPTION
1	4	W13484	Sash

Hardware

ITEM	QTY	COMPONENT DESCRIPTION
2	4	Sash Corner Cleat
3	1	Screen Mesh
4	4	Plastic Button
5	1	Handle
6	4	Flyscreen Spline
7	2	Handle Screw Blunt Point

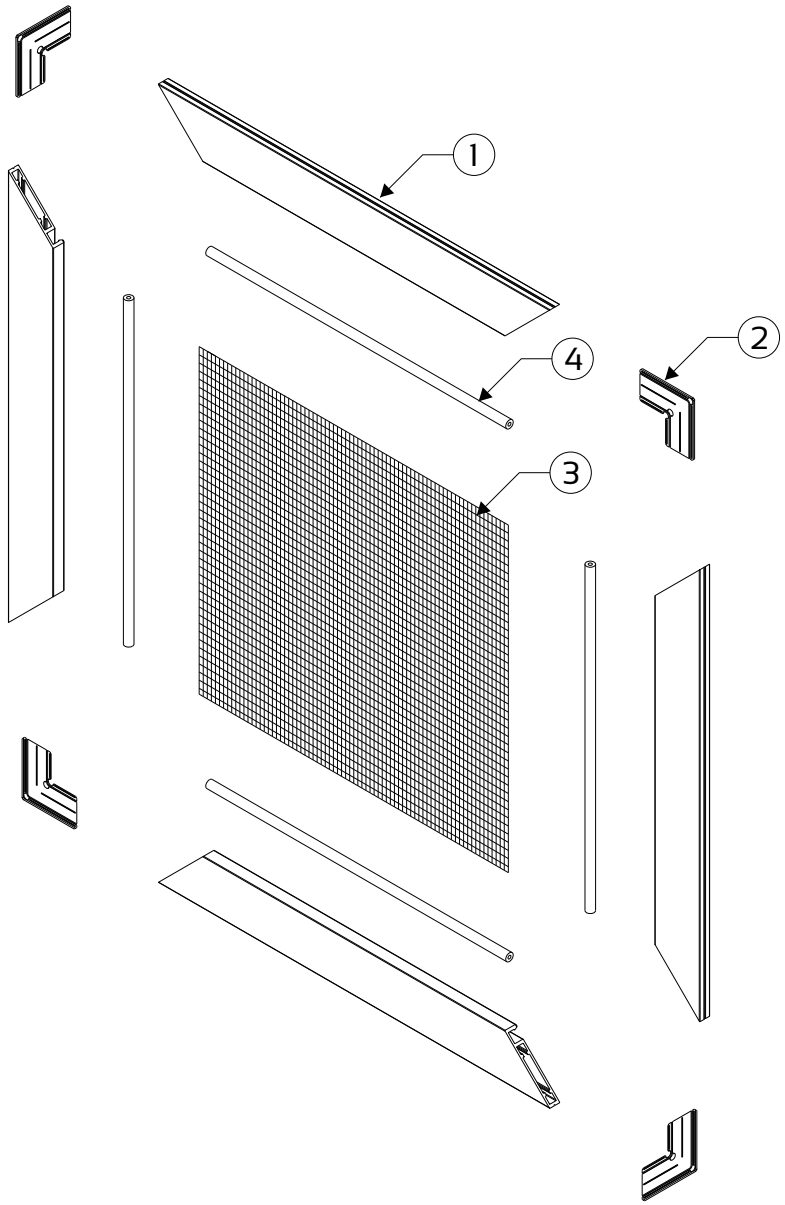
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Component Assembly Detail

Top Sash Fixed



System Profiles

ITEM	QTY	DIE No.	DESCRIPTION
1	4	W13484	Sash

Hardware

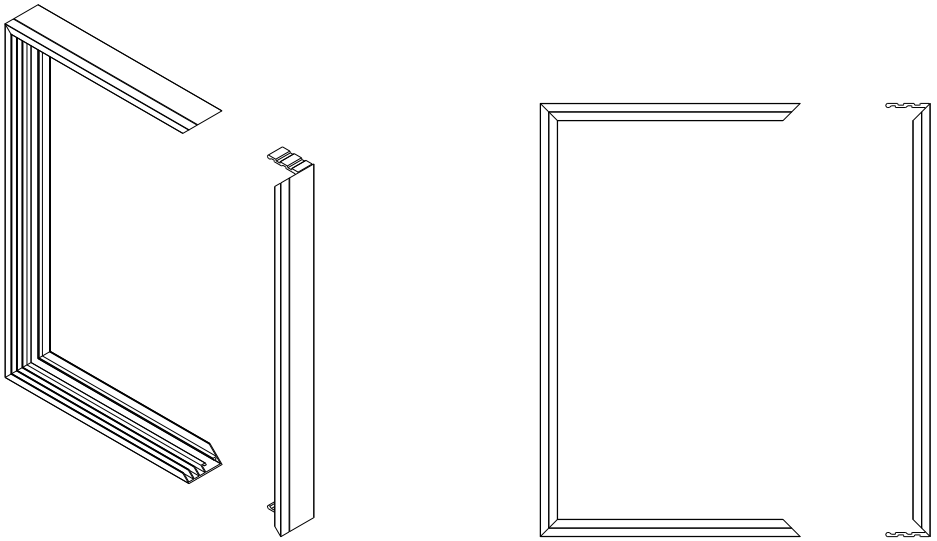
ITEM	QTY	COMPONENT DESCRIPTION
2	4	Sash Corner Cleat
3	1	Screen Mesh
4	4	Flyscreen Spline

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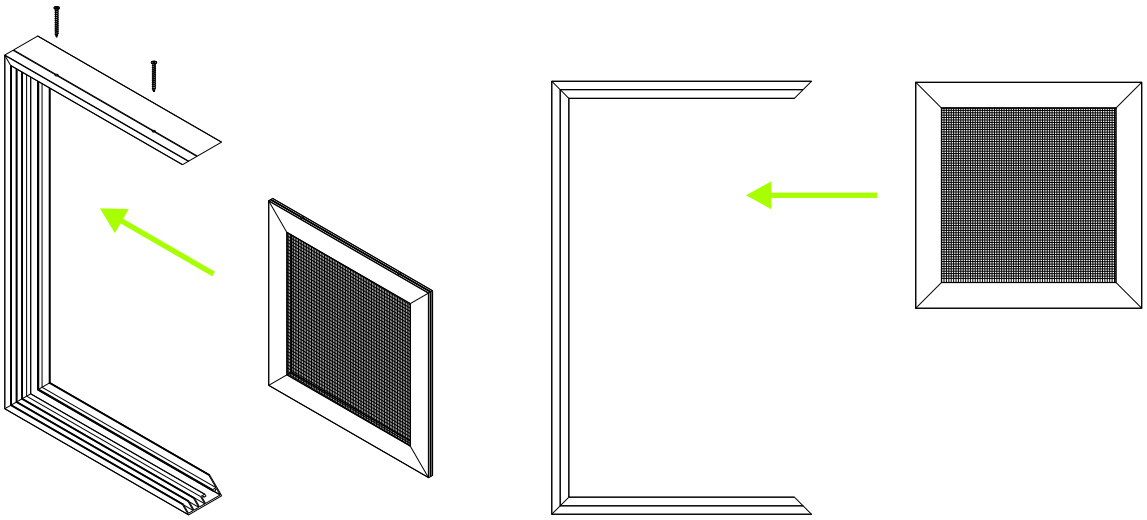
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STEP 1 - CRIMP OUTER FRAME CORNERS AS SHOWN

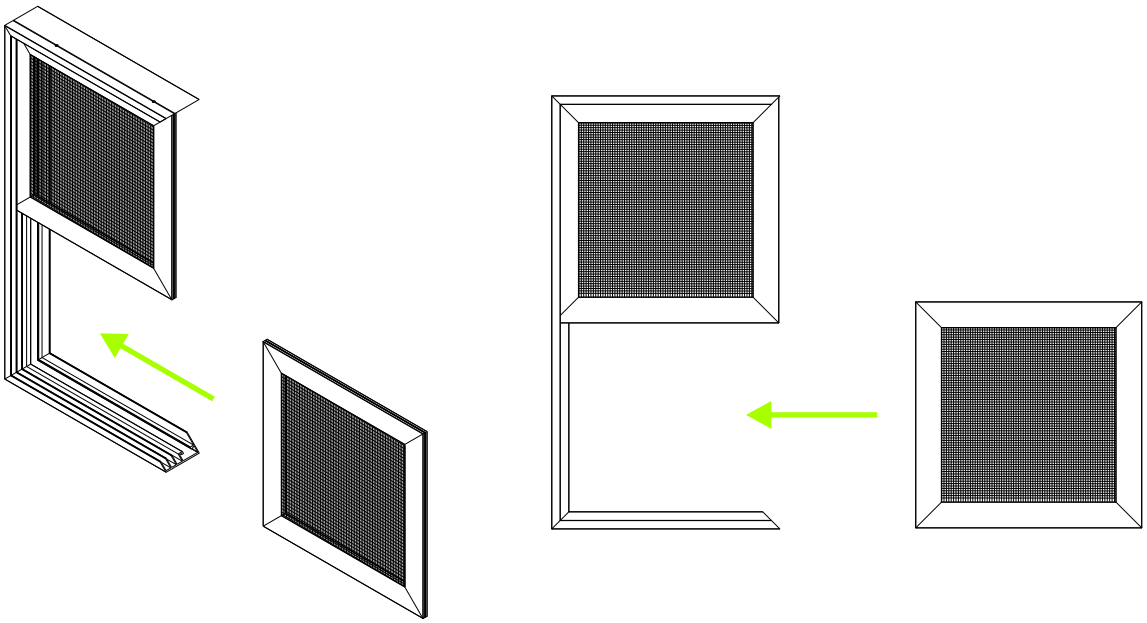


STEP 2 - FIX TOP SASH TO OUTER FRAME WITH SCREWS

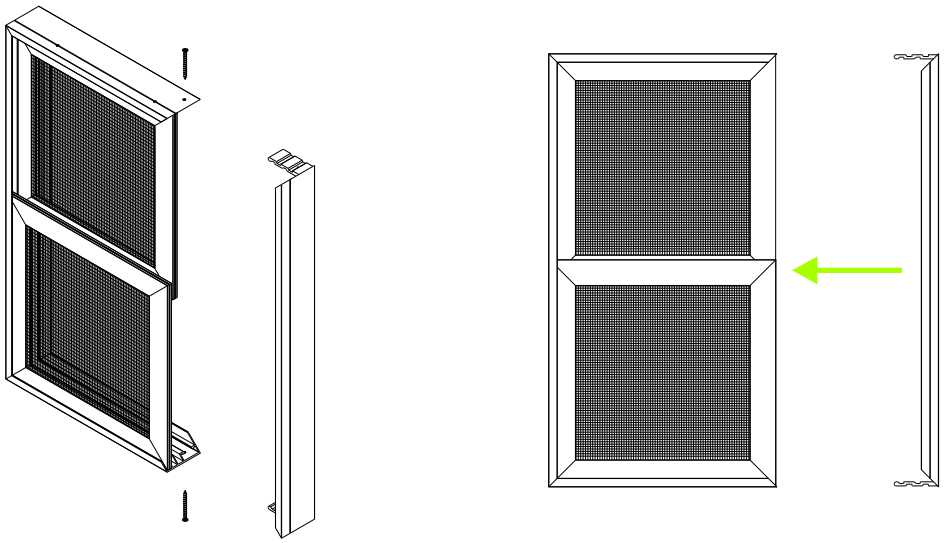


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STEP 3 - SLIDE IN BOTTOM SASH

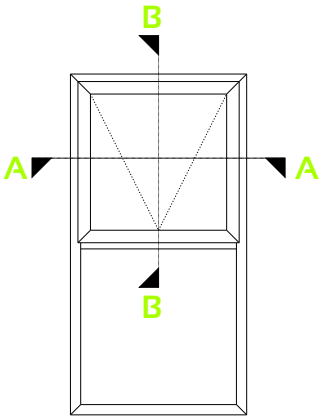


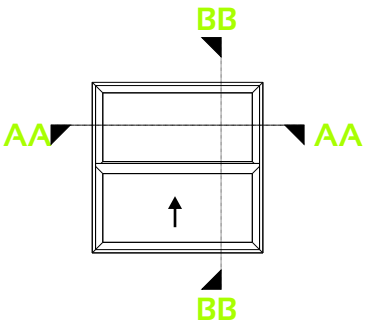
STEP 4 - FIX OUTER FRAME WITH SCREW



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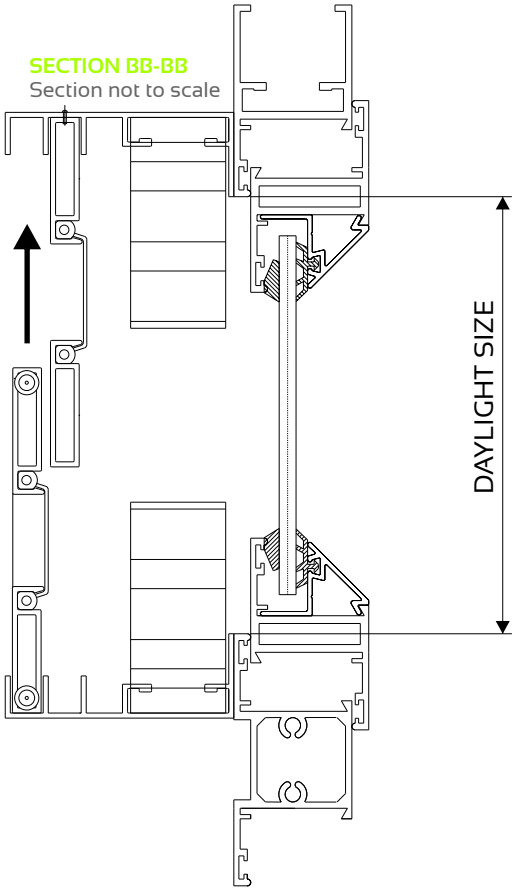
Casement Window Fixing Detail





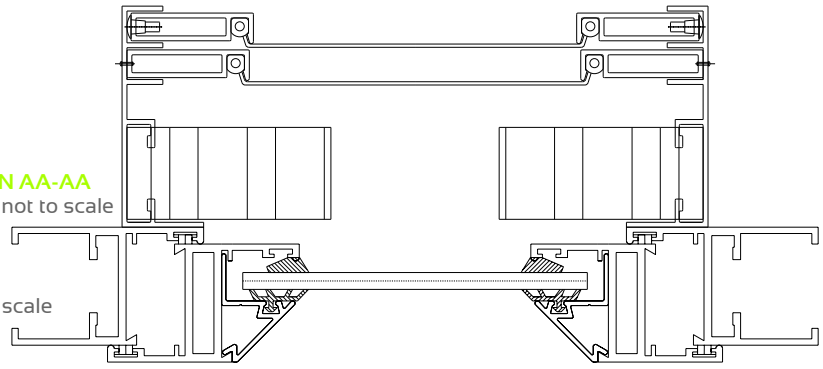
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SECTION BB-BB
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SECTION AA-AA
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SECTION A-A
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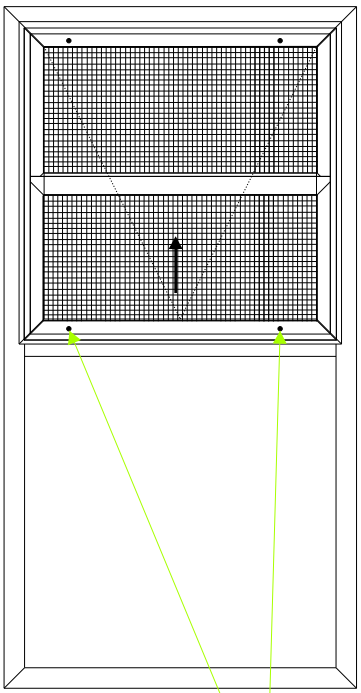


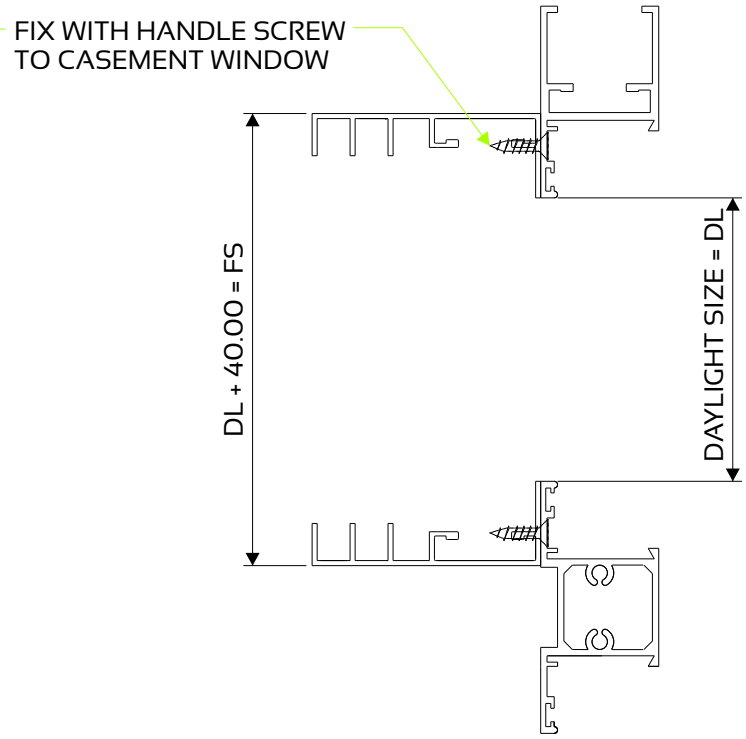
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Casement Window Fixing Detail





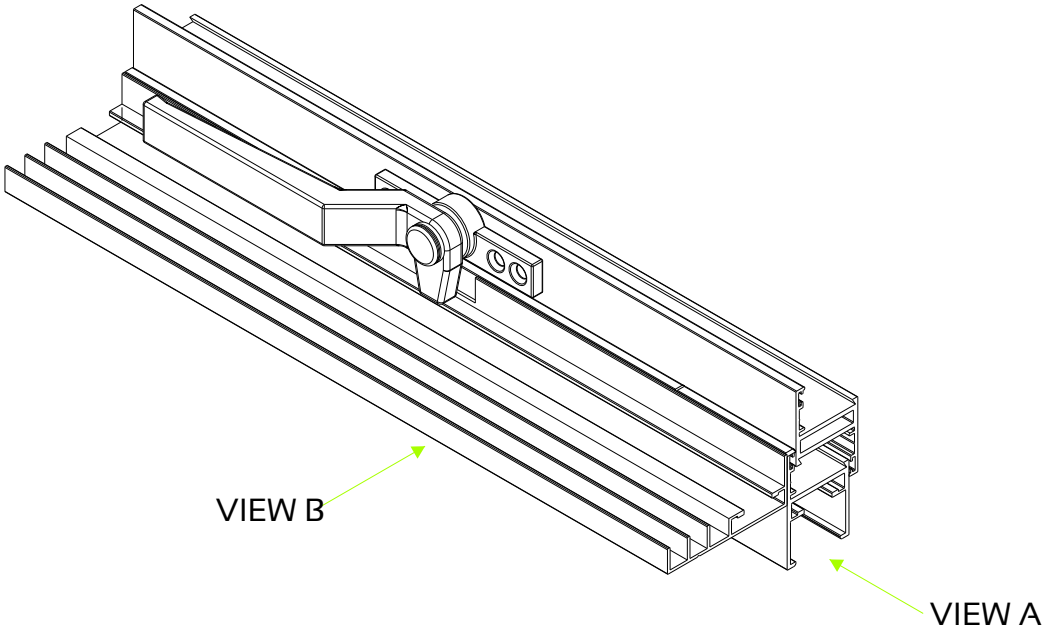
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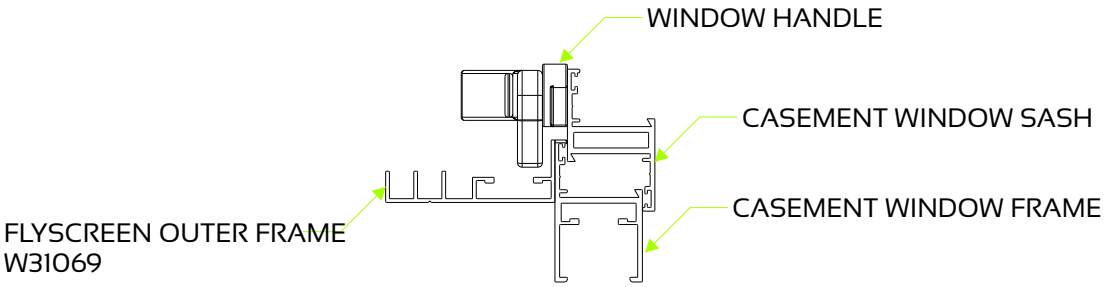
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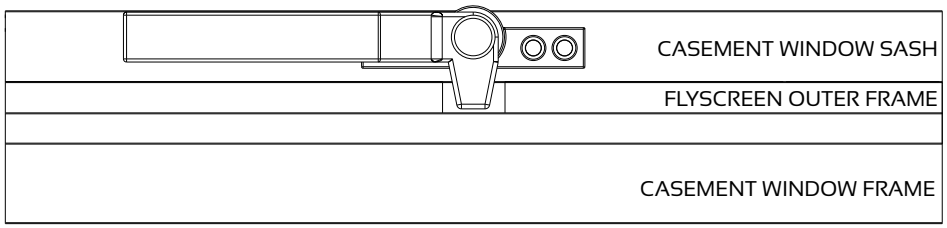
Outer Frame Machining Detail

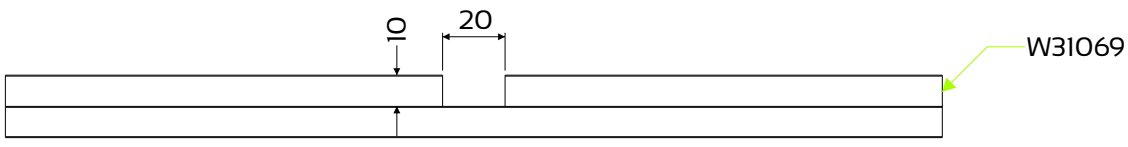
For Casement Fixing





VIEW A





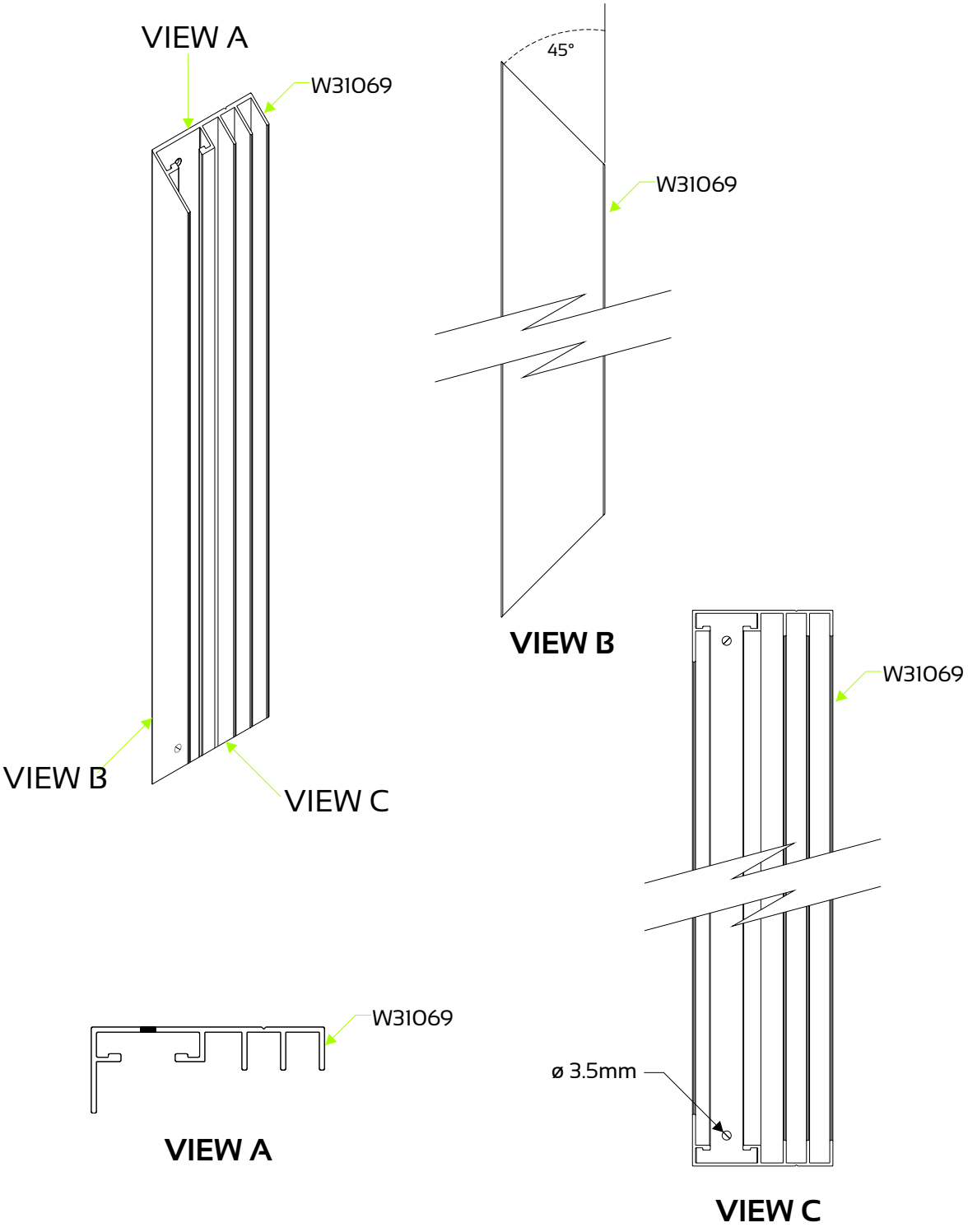
VIEW B

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Outer Frame Machining Detail

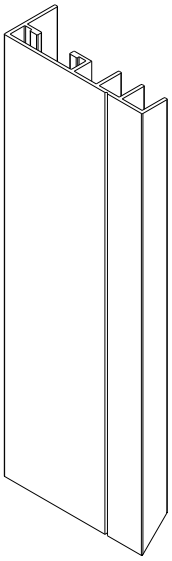
For Final Frame Fixing-Step 4



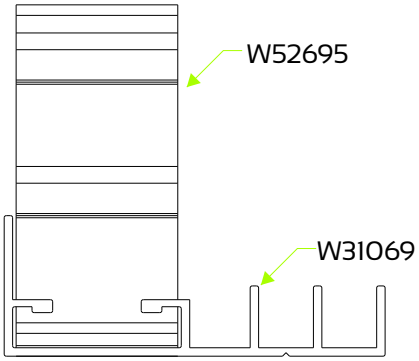
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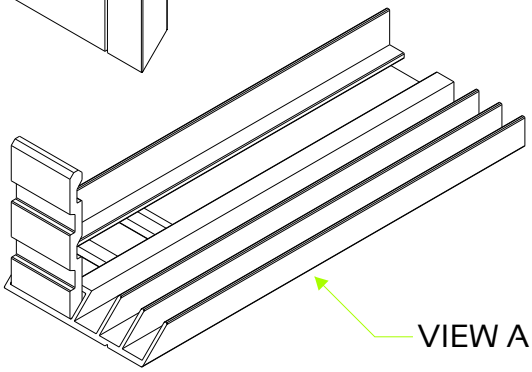
Assembly Detail

Outer Frame Corner Cleat

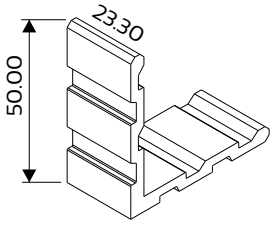


NOTE:
ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED TO SASH AND CORRESPONDING SURFACES OF FRAME BEFORE CRIMPING (NOT TO AREAS TO BE GLAZED) AS IN STEP 1.

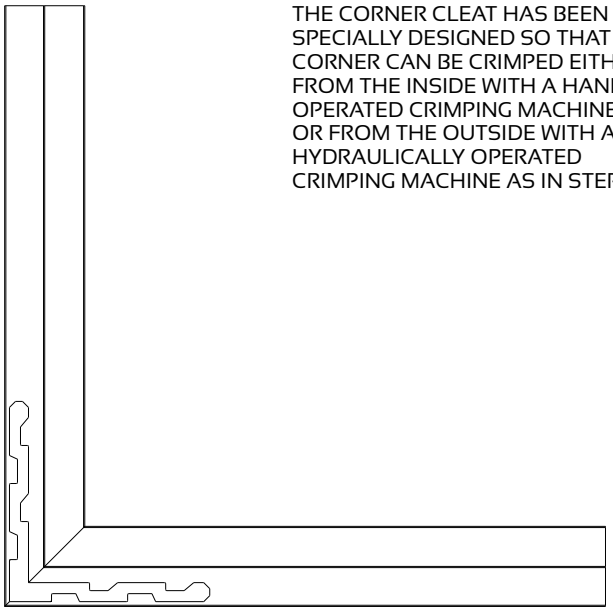




THE CORNER CLEAT HAS BEEN SPECIALLY DESIGNED SO THAT THE CORNER CAN BE CRIMPED EITHER FROM THE INSIDE WITH A HAND OPERATED CRIMPING MACHINE OR FROM THE OUTSIDE WITH A HYDRAULICALLY OPERATED CRIMPING MACHINE AS IN STEP 1.



W52695



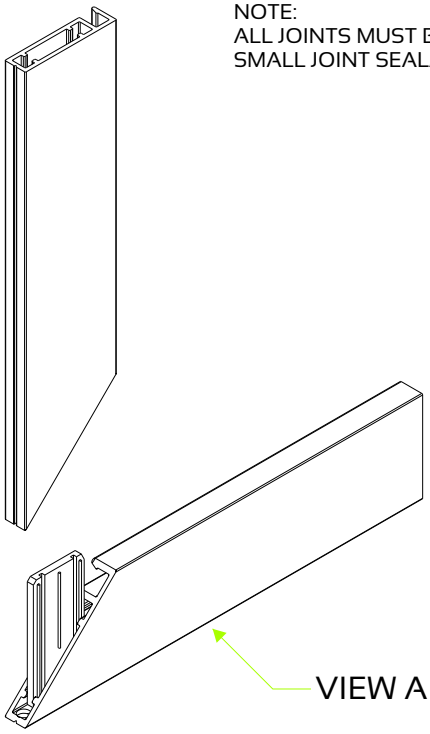
VIEW A

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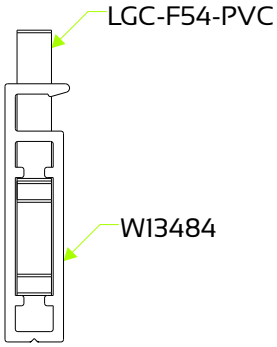
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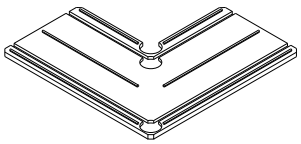
Sash Corner Cleat

Outer Frame Corner Cleat



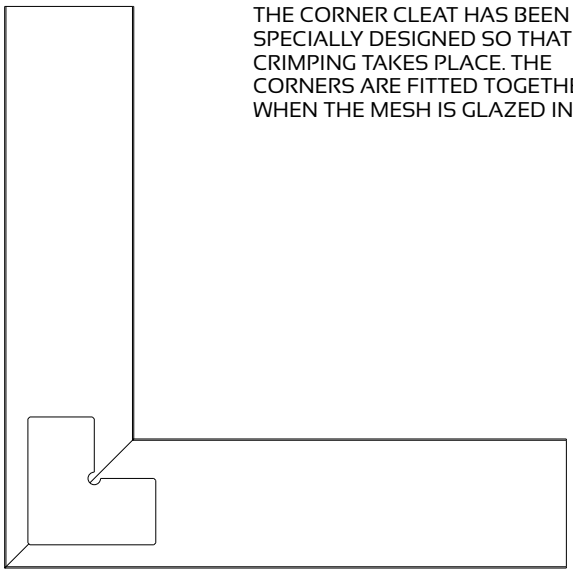
NOTE:
ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT.





LGC-F54-PVC

THE CORNER CLEAT HAS BEEN SPECIALLY DESIGNED SO THAT NO CRIMPING TAKES PLACE. THE CORNERS ARE FITTED TOGETHER WHEN THE MESH IS GLAZED IN



VIEW A

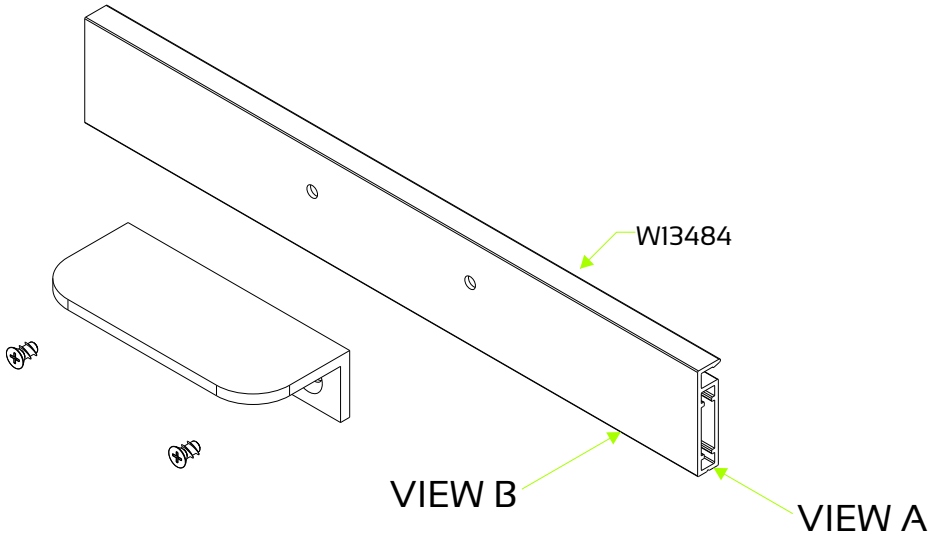
crealco

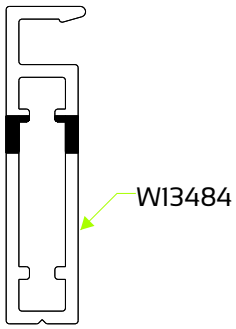
This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

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Assembly Detail

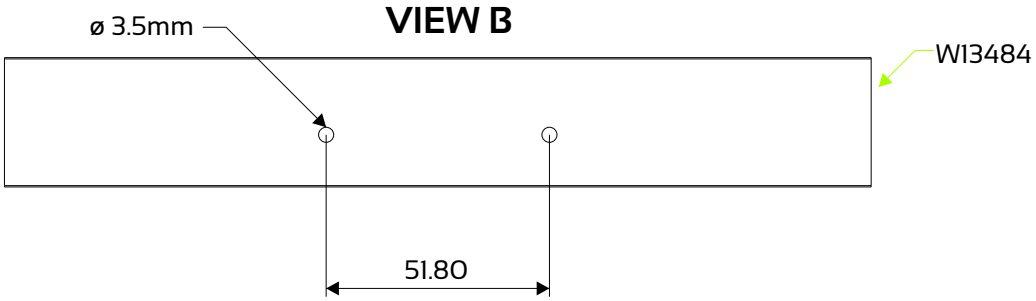
Handle





VIEW A

VIEW B



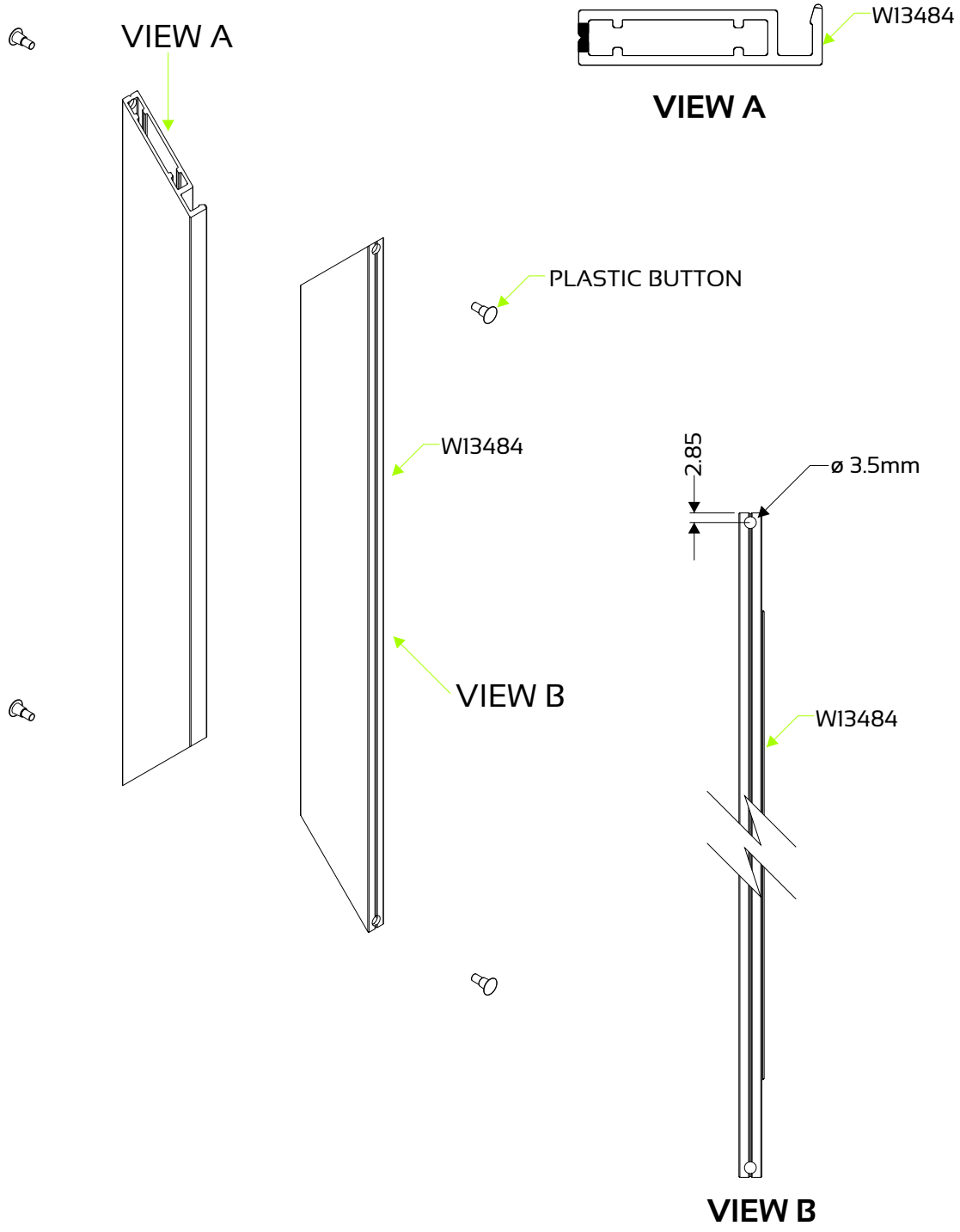
crealco

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Assembly Detail

Plastic Button



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