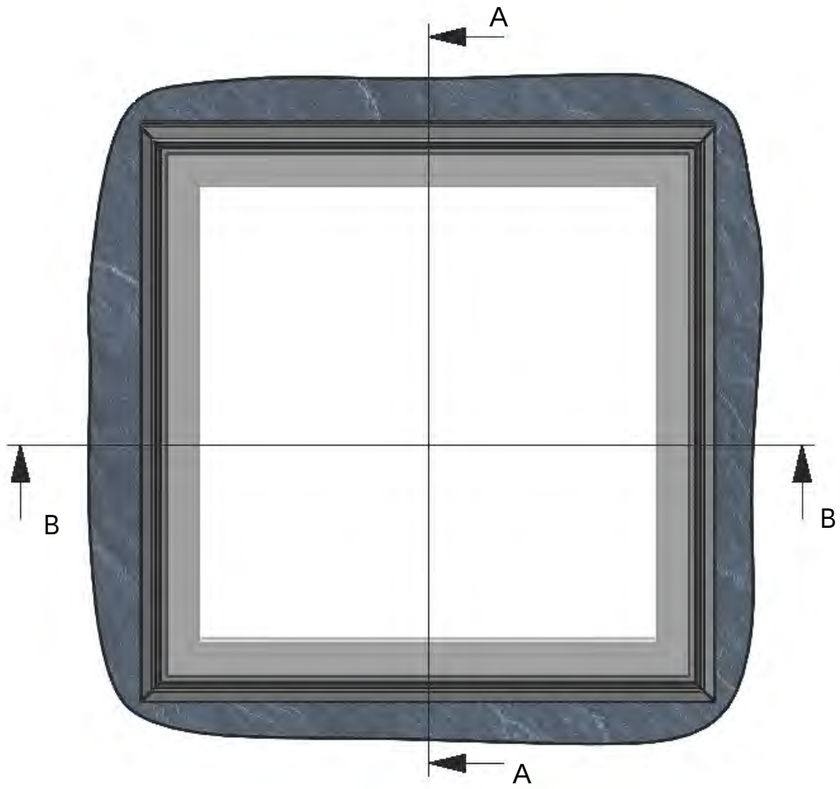
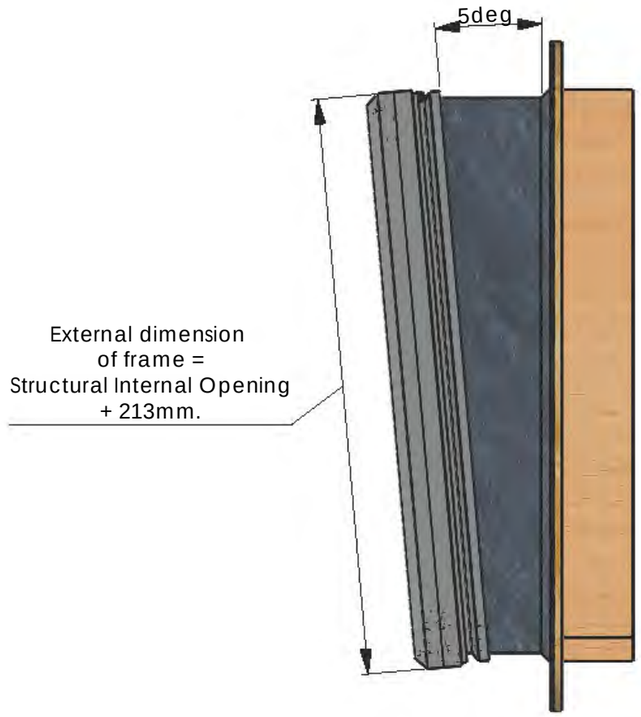
TOP VIEW



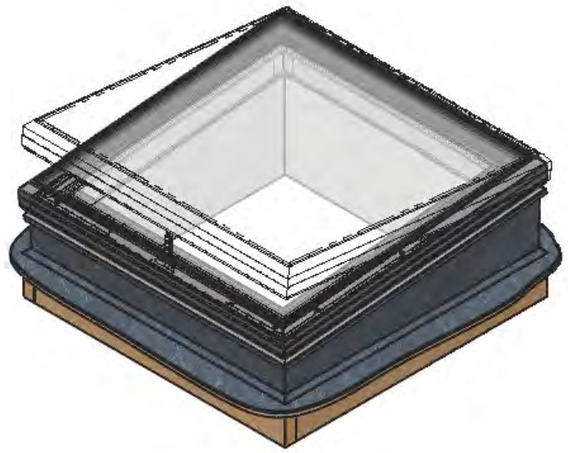
SIDE VIEW



External dimension
of frame = Structural Internal Opening + 213mm.



FRONT VIEW



ISOMETRIC VIEW

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Added new ISO BLOCO joint sealant tape for fast and straightforward fitting.	01/06/2016	JB
B	Glass specification with laminated inner pane.	04/10/ 2016	JB

Customer
-

Title
Aero electric vent 24V DC.

Date
02/06/2015

Drawn By
WK

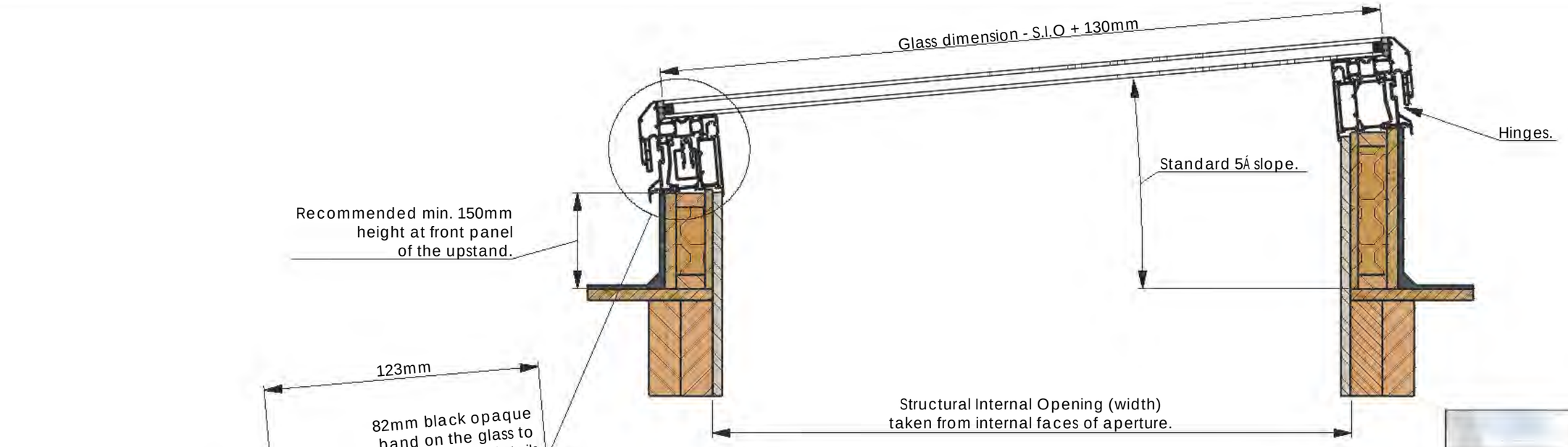
Material

Project
STD-1701-001 (I) Rev B

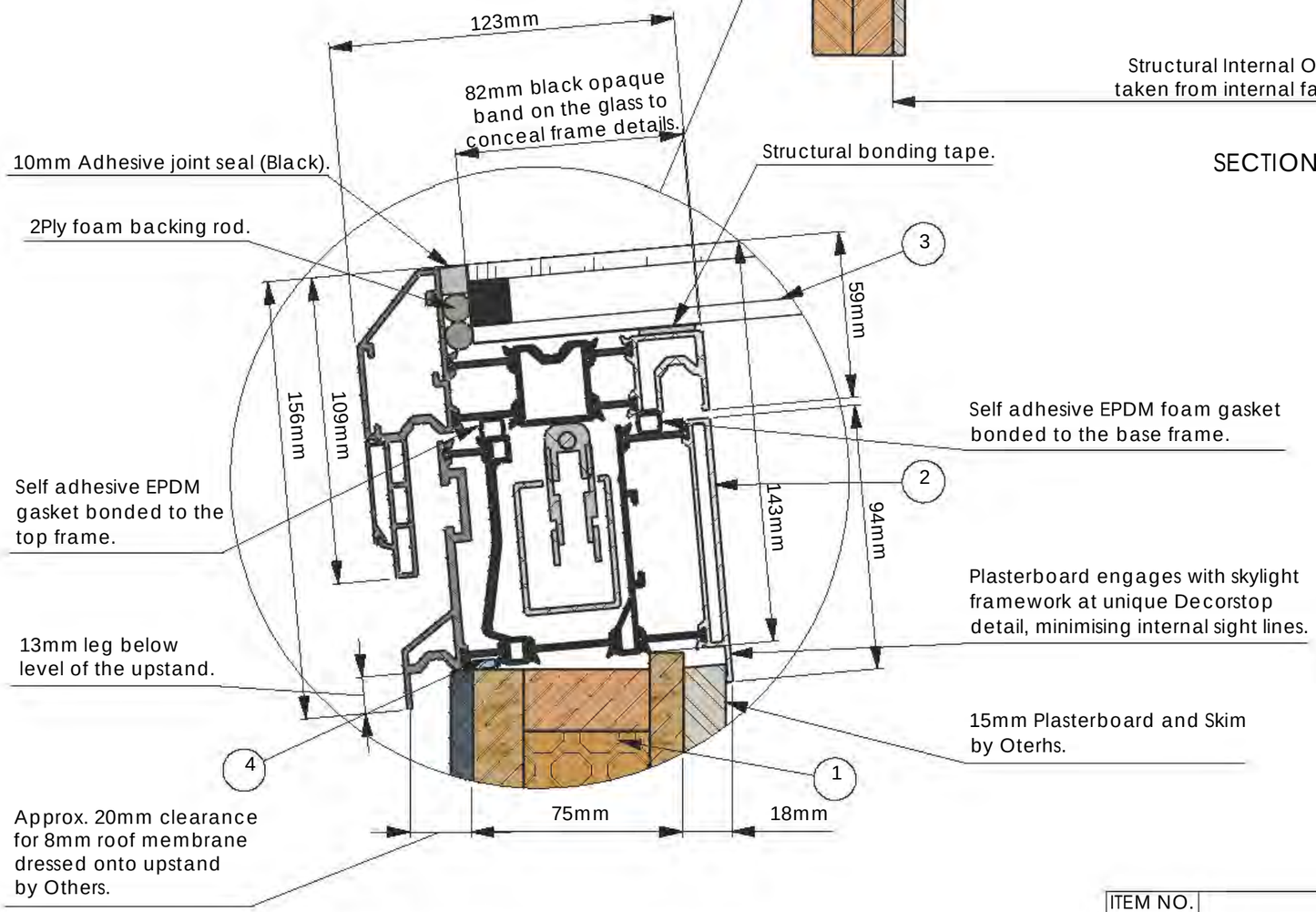
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Kempson Way
Bury St Edmunds
Suffolk IP32 7AR
0845 226 3172

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SECTION A-A



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Added new ISO BLOCO joint sealant tape for fast and straightforward fitting.	01/06/2016	JB
B	Glass specification with laminated inner pane.	04/10/2016	JB

ITEM NO.	DESCRIPTION	QTY.
1	75mm fully insulated upstand supplied by Sunsquare Ltd. (Optional)	1
2	Aero vent frame.	1
3	Double glazed unit with laminated inner pane.	1
4	ISO BLOCO joint sealant tape supplied by Sunsquare Ltd.	1

Customer
-

Title
Aero electric vent 24V DC.

Date
02/06/2015

Drawn By
WK

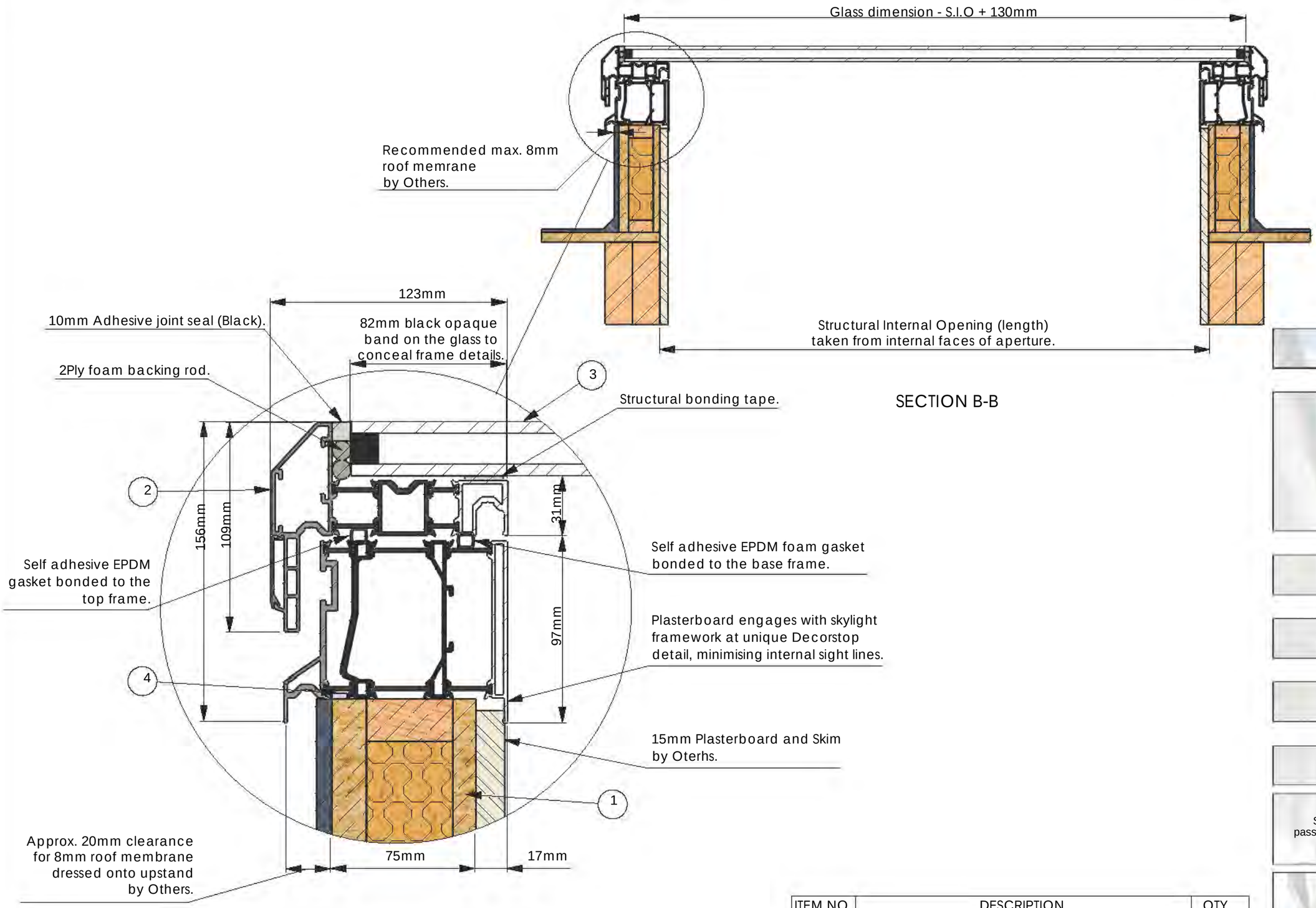
Material
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Project
STD-1701-002 (I) Rev B

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SECTION B-B

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Added new ISO BLOCO joint sealant tape for fast and straightforward fitting.	01/06/2016	JB
B	Glass specification with laminated inner pane.	04/10/2016	JB

ITEM NO.	DESCRIPTION	QTY.
1	75mm fully insulated upstand supplied by Sunsquare Ltd. (Optional)	1
2	Aero vent frame.	1
3	Double glazed unit with laminated inner pane.	1
4	ISO BLOCO joint sealant tape supplied by Sunsquare Ltd.	1

Customer
-

Title
Aero electric vent 24V DC.

Date
02/06/2015

Drawn By
WK

Material
N/A

Project
STD-1701-003 (I) Rev B

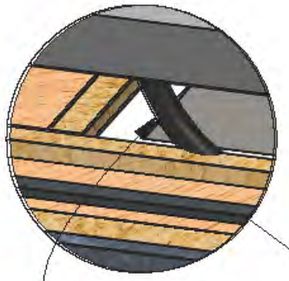
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NOTE:
Power the skylight (24V DC actuators) to the open position by connecting to the Plug & Play control panel, for more details please see the AEV CONTROL PANEL 75 brochure.

Note:
How to assemble upstand go to
https://www.sunsquare.co.uk/products/upstand/
Aero Electric Vent installation guide
https://www.sunsquare.co.uk/skylights-and-rooflights/aero-electric/

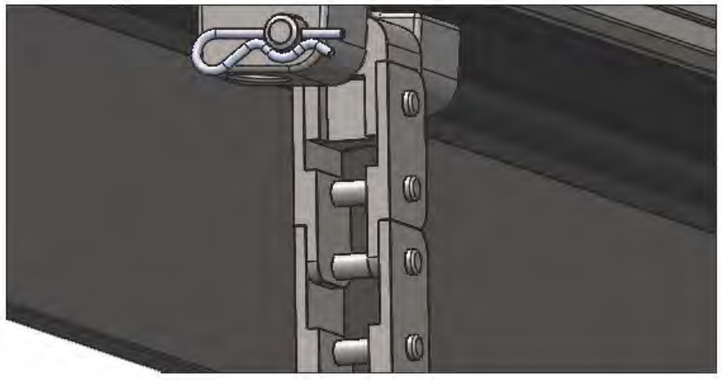


NOTE:
Power cable exits through Decor-stop detail at this location for one or multiple synchronized actuators.



ISO BLOCO tape:
A pre-compressed joint sealant tape for protection against wind drift, as well as providing both thermal and acoustic insulation while remaining permanently elastic to accommodate diurnal and other movement.

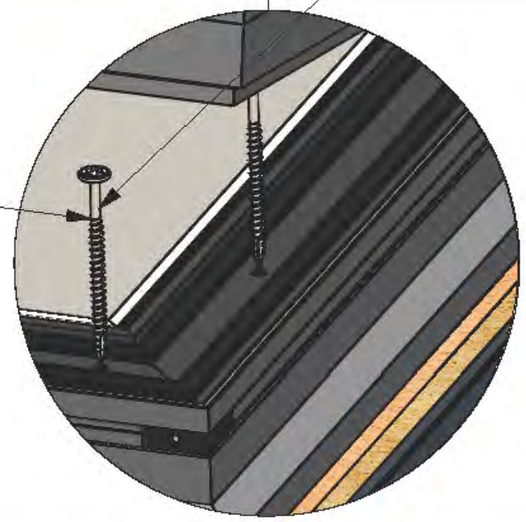
NOTE:
24V DC chain actuator completely concealed within base frame when in closed position. For large units multiple synchronized actuators. 150mm to 300mm of overall movement of chain actuator.



NOTE:
Disconnect the actuator chain from top bracket by disengaging the spring clip and remove steel pin, this will allow the chain to be pulled free from the top bracket.

10No. M8x120 coach screws with torx screwdriver bit T40 supplied by Sunsquare Ltd.

CAUTION: DO NOT OVERTIGHTEN SCREWS.



Customer
-

Title
Aero electric vent 24V DC.

Date
02/06/2015

Drawn By
WK

Material
N/A

Project
STD-1701-004 (I) Rev B

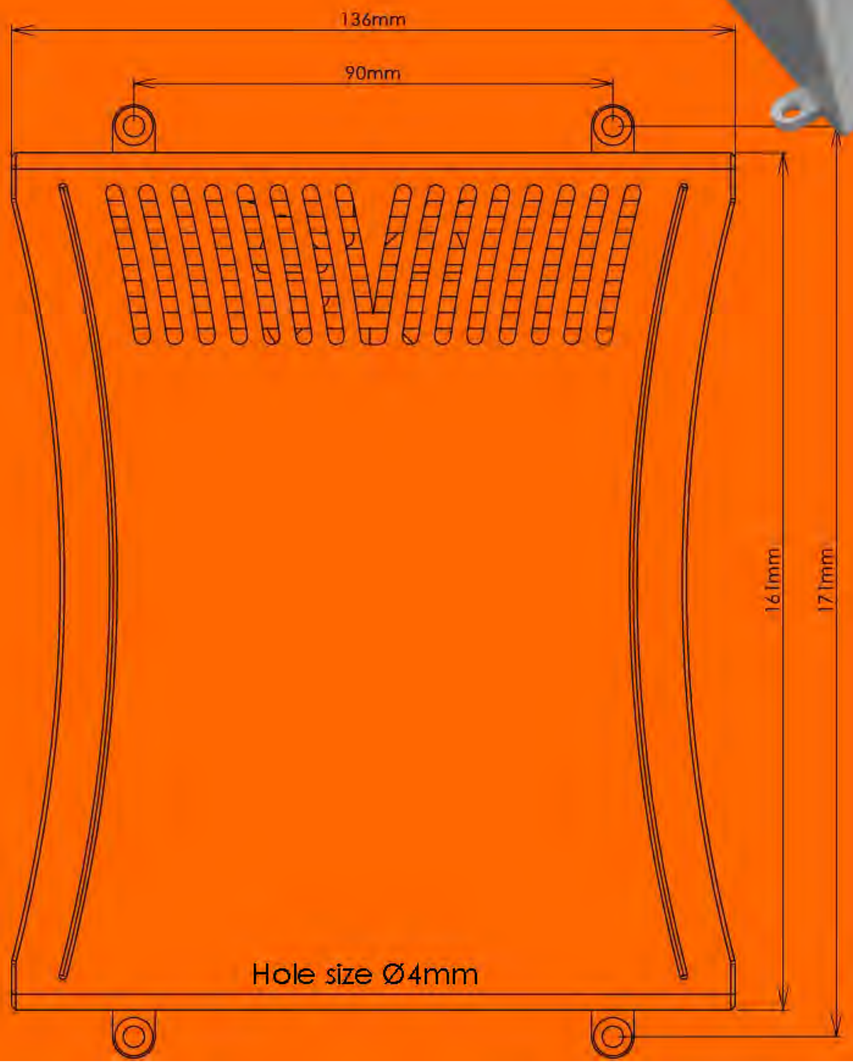
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AEV CONTROL PANEL 75





Product description:
The control panel for operation of Aero Electric Vent with 24VDC actuators. The unit can be linked to a variety of manual or automatic inputs:

- Switch (standard),
- Weather pack (optional),
- Rain sensor (optional),
- Remote control (optional),
- Touchscreen programmable controller and weather station (optional).

All accessories are connected to the control panel with plug and play connectors.

Dimensions:
171mm x 136mm x 78mm (WxHxD)

Primary mains input:
Input voltage- 230V ±10% ~ 0.5A.
The nominal output voltage for all accessories:
±24 V DC / 3.12A,
Duty cycle: 10% (2Min./ 18Min.)
IP rating: IP20
Operating temperature -10 to +50˚C

Installation:

- For indoor installation only,
- The surface should be cleaned with a soft damp cloth using a small amount of household cleaner.
- Do not place in dusty surroundings.
- Do not cover.
- Do not expose to direct sunlight.
- Before commencing any maintenance of Skylight or work on accessories, disconnect control panel from mains supply.
- All packaging can be recycled.
- For technical queries please contact Sunsquare Ltd. T: 01284 723377

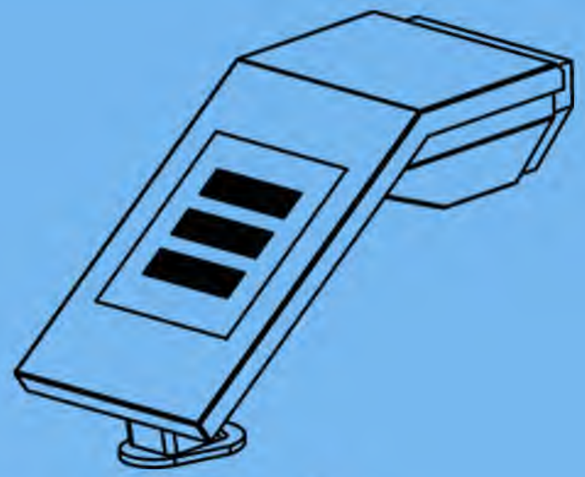
sun

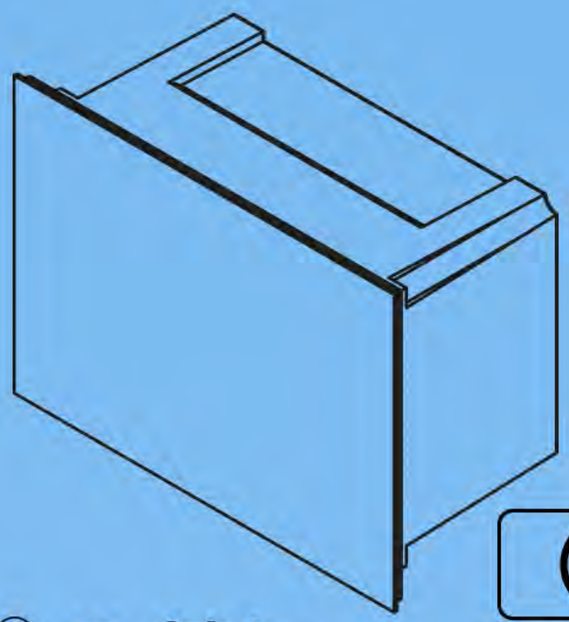
www.sunsquare.co.uk

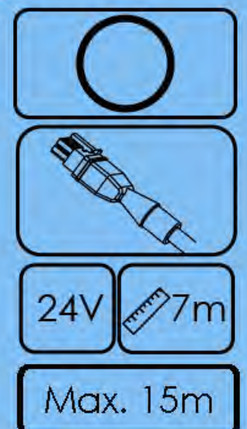
FM 619677
IPP 519

Optional

Touchscreen programmable controller and weather station.

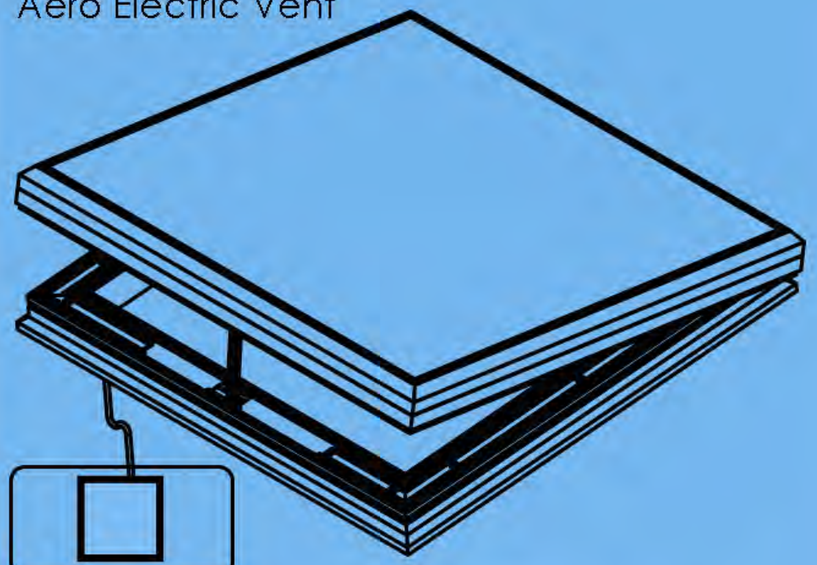


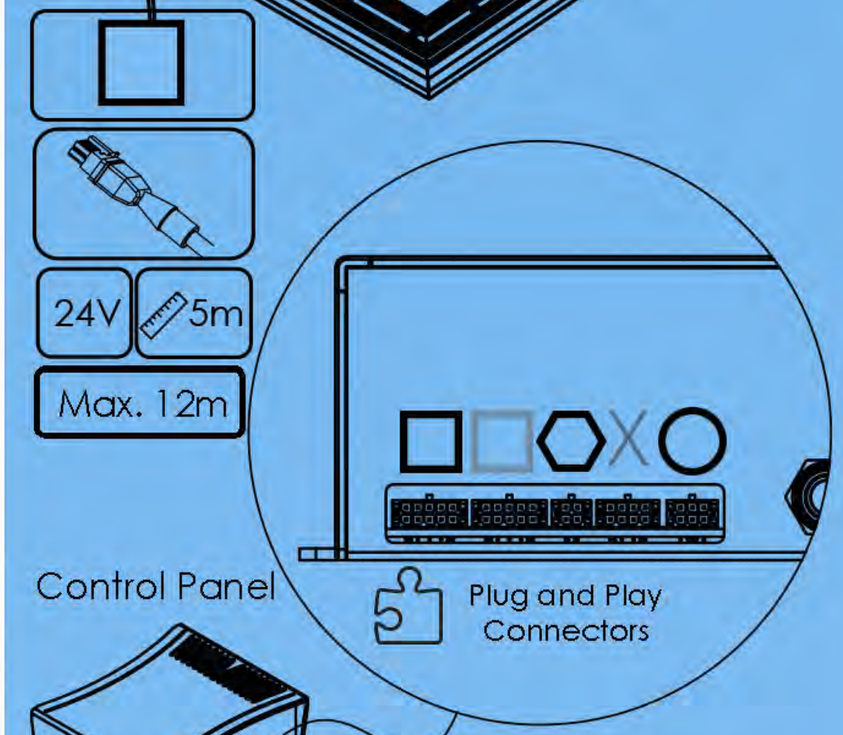




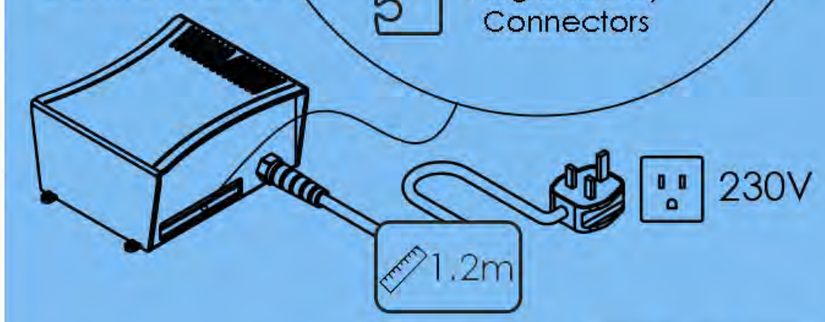
Install as per supplied instructions.

Aero Electric Vent

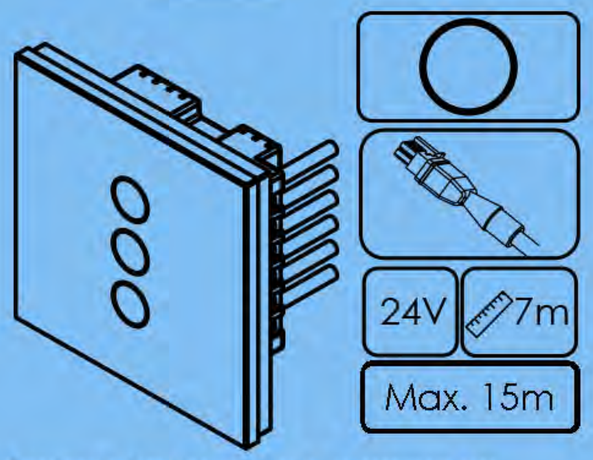




Control Panel



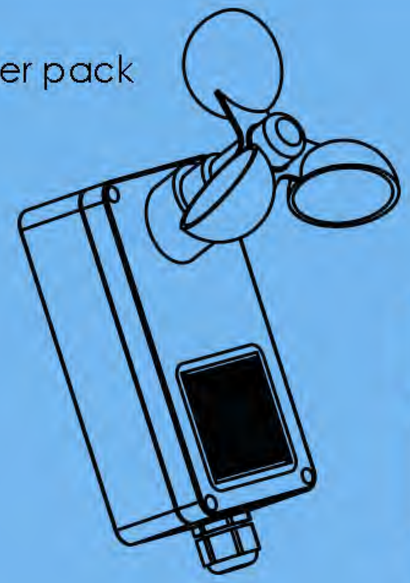
Switch

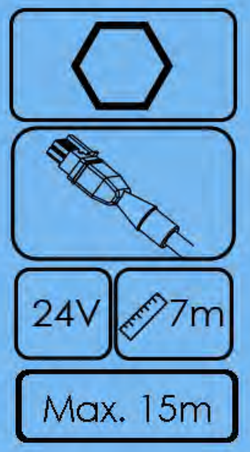


wait 2 minuts for the switch to power up

Weather pack

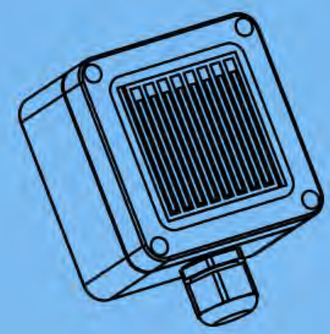
Optional

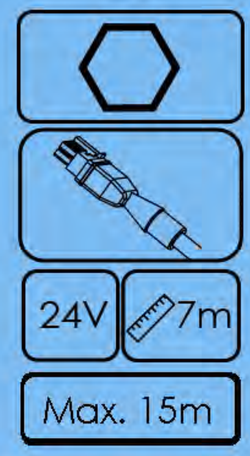




Rain sensor

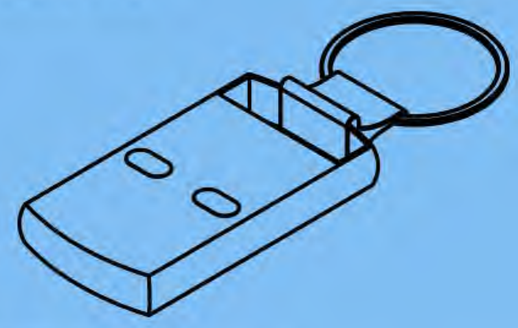
Optional





Remote control

Optional



433.92MHZ 50M (indoor)

*The remote control is not compatible with Touchscreen Programmable Controller.

v15