

# Mardome Smoke Vent

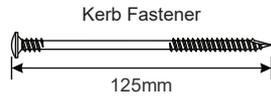
# TB286

Smoke Vent Dome  
on builders upstand

**Contents** **!** Take care when unpacking **!** Check all correct parts are included and undamaged **!** Only use fixings supplied



Smoke Vent



Kerb Fastener

125mm

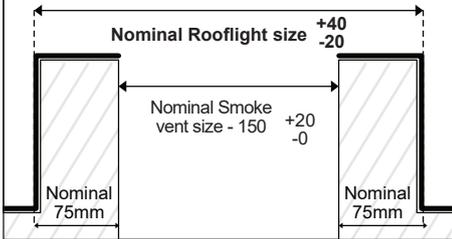
**!** This Smoke Ventilator has been tested and approved as per EN12101-2. Any unapproved modification to the product will invalidate the CE certificate.

**Fixing Quantities**

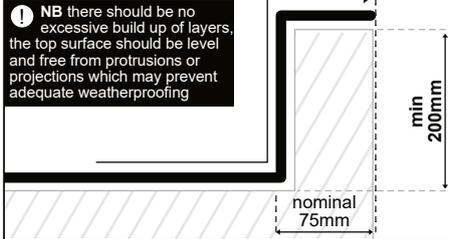
Length of Nominal Smoke Vent Side (mm)	Number of fixings per side	
	Front/Back	Left/Right
1050, 1200	5	3
1350, 1500, 1650	7	4
1800	7	5

**!** All Health & Safety Regulations must be followed on site throughout the installation process

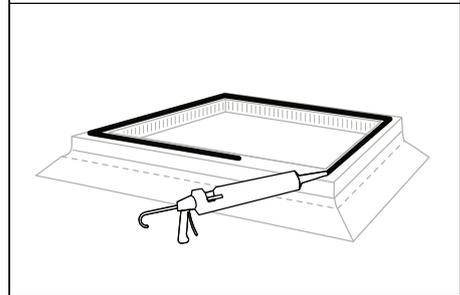
**!** Finished weathered upstand dimensions  
Insulated upstand must be within tolerance stated otherwise actuator will clash with upstand



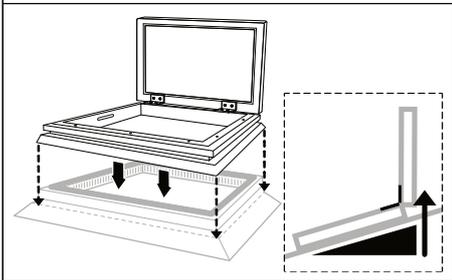
**1** Install roof covering to cover **side and top** of insulated upstand in accordance with manufacturer's installation recommendations



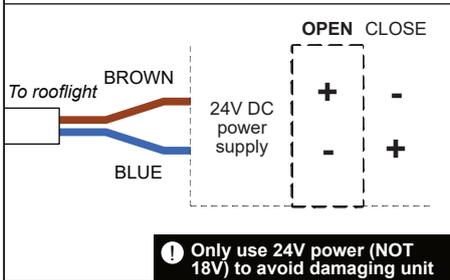
**2** Mastic/Silicone around top inside edge of upstand



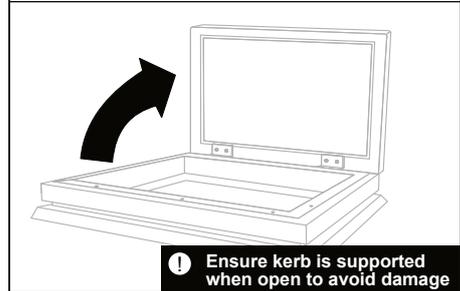
**3** Facing hinges upslope, place kerb squarely onto upstand



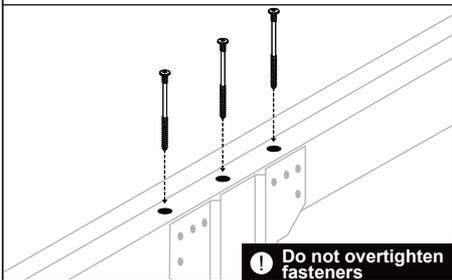
**4** To open, connect the brown (to +ve) and the blue (to -ve) to a 24V DC supply



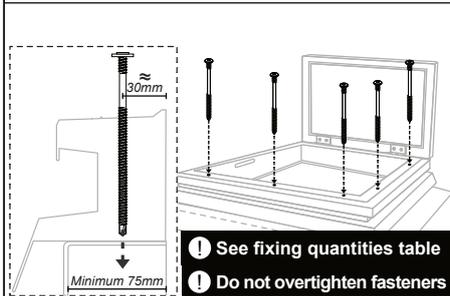
**5** Open hinged frame



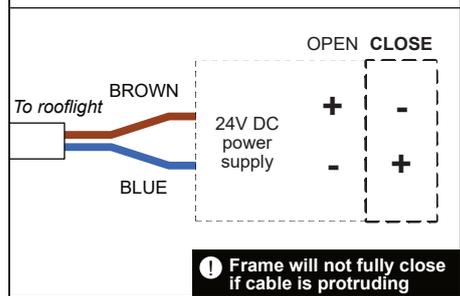
**6** Fix 125mm kerb fasteners through 6x pre-drilled holes in front and back



**7** Fix to upstand using 125mm kerb fasteners



**8** Close smoke vent by reversing wires to power supply



**9**

If wind deflectors are to be fitted, follow steps **2 to 5** on **page 4** before connecting electrics.

**10** Connect electrics (see Wiring Instructions and Control System, page 3)

**This should only be completed by a suitably qualified electrician**

**!** TECHNICAL SUPPORT: For any technical information/queries please contact your supplier. The manufacturer operates a policy of continuous product improvement, and reserves the right to alter specifications at any time without notice. Every effort has been taken to ensure all details contained in this document are correct at the time of going to press but this document should be used only as a guide and does not in any way form part of a contract or warranty. It is the customer's responsibility to ensure that the product is suitable for the actual conditions of use, which are beyond the control of the manufacturer.

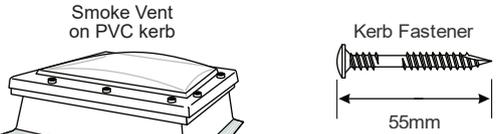


# Mardome Smoke Vent

# TB286

Smoke Vent Dome  
on PVC kerb

**Contents** **!** Take care when unpacking **!** Check all correct parts are included and undamaged **!** Only use fixings supplied

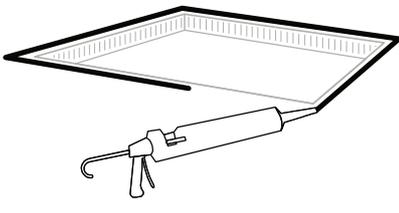


**!** This Smoke Ventilator has been tested and approved as per EN12101-2. Any unapproved modification to the product will invalidate the CE certificate.

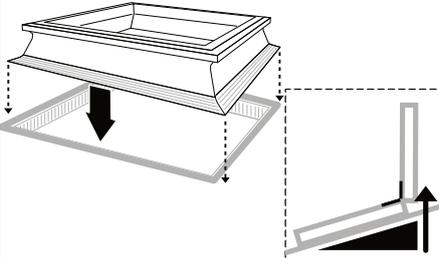
Fixing Quantities		
Length of Nominal Smoke Vent Side (mm)	Number of fixings per side	
	Front/Back	Left/Right
1050, 1200	5	3
1350, 1500, 1650	7	4
1800	7	5

**!** All Health & Safety Regulations must be followed on site throughout the installation process

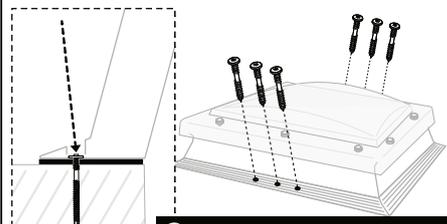
**1** Mastic/Silicone around the edge of the roof opening



**2** Facing hinges upslope, place kerb squarely over roof opening

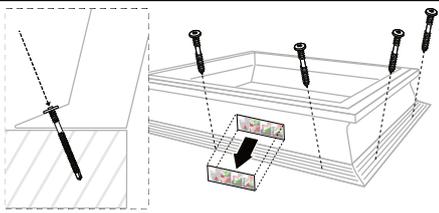


**3** Insert 55mm kerb fasteners through 6x pre-drilled holes. The screw heads must push against the metal plate under the foot of the kerb



**!** Do not overtighten fasteners

**4** Fix kerb to roof using 55mm kerb fasteners  
Remove and retain label



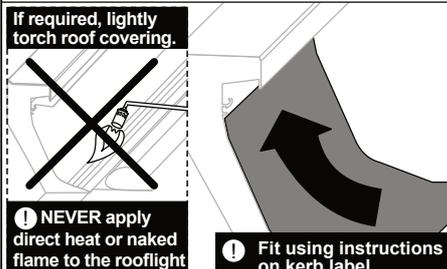
**!** See fixing quantities table  
**!** Do not overtighten fasteners

**5**

If wind deflectors are to be fitted, follow steps **1** to **5** on **page 4** before roof covering installation

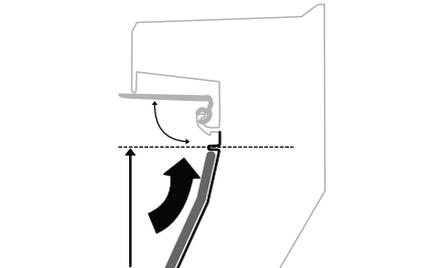
**6** Install roof covering according to manufacturer's installation recommendations

If required, lightly torch roof covering.



**!** NEVER apply direct heat or naked flame to the rooflight  
**!** Fit using instructions on kerb label

**7** Terminate roof covering in accordance with instructions on retained kerb label



**8**

If wind deflectors have been fitted, follow step **7** on **page 4** before connecting electrics

**9** Connect electrics (see Wiring Instructions and Control System, page 3)

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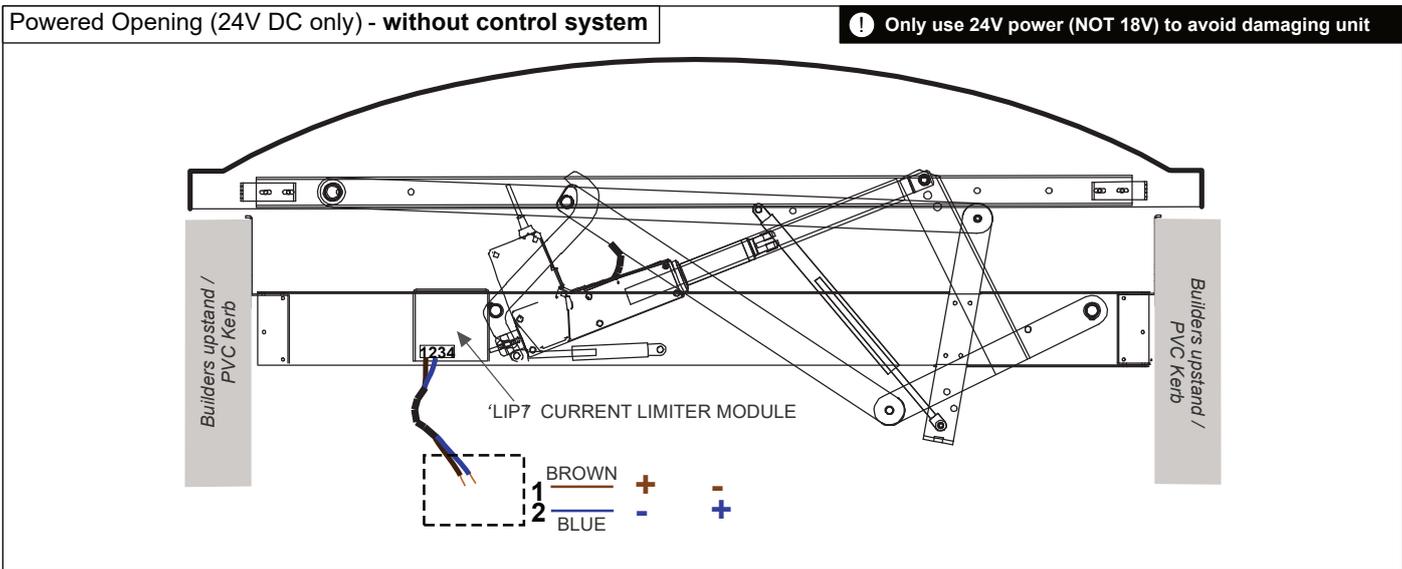
Smoke Vent Dome  
wiring instructions and control system

**Please retain this document for electrician**

**1** Please note that all wiring and commissioning must be undertaken by a suitably trained and qualified person. The installer must ensure that all wiring runs, cable thickness and earthing etc. meet current regulations.

Fire resistant cables according to IEC 60331 must be used for the following functions - Opening system with 24V actuators, Fire Switch, Fireman's Priority Switch and Smoke Detector.

**1** All Health & Safety Regulations must be followed on site throughout the installation process



**Powered Opening (24V DC only) - with control system (24V-5A or 24V-8A)**

**Technical Specifications**

Power supply  
230V AC/max. 1.2A

Output supply  
24-28 VDC

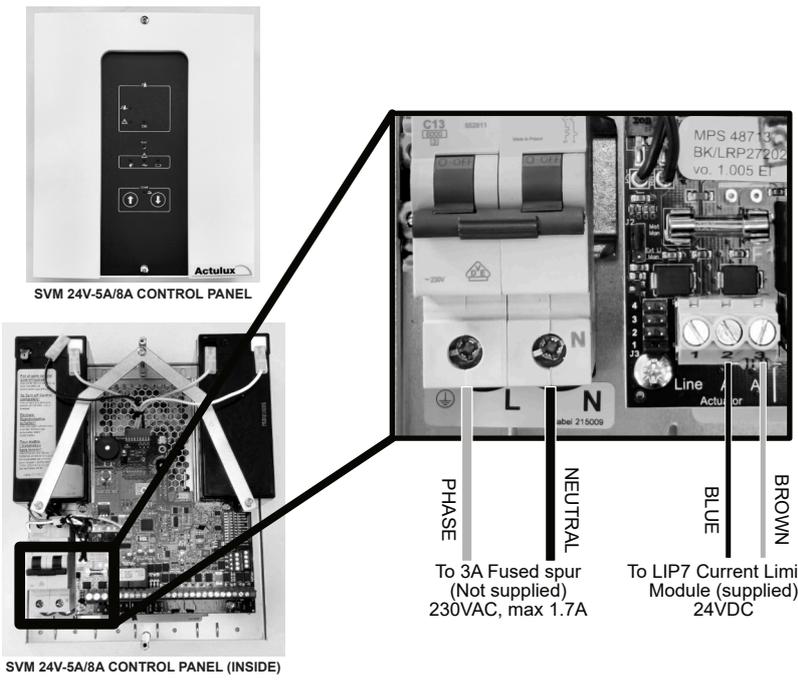
Motor outputs  
1 pcs.  
(line detection: 1-4 lines)

Max. Load  
5A OR 8A

Operation temperature  
-15°C to +40°C

Density  
IP 54

Battery back-up  
72 hours



**1** For further details, refer to the Control Panel User Manual (supplied)

**Control Panel connection instructions page references**

Connection of Fire Switch *Page 8*

Connection of Smoke Detector *Page 9*

Connection of Fireman's Priority switch *Page 9 & 16*

Full connection diagram *Page 10 & 11*

