

Honeycomb rooflights

VERSATILE TEXTILES FOR
STYLE AND FUNCTION



COX DOME®

PRODUCTS

The Classic Range - Flat Roof Domes

Suitable for both residential and commercial purposes, a polycarbonate skin can be double, triple or quadruple – clear or diffused. Rooflights are available as fixed or vented options, as well as various sizes and shapes: square, rectangle, pyramid or circular. The upstands provided are either 160 mm vertical or 150 mm or 300 mm splayed. The base and the top are packaged in one box for ease of transportation.



Lumiglaze - Flat Glass

Double glazed with a toughened outer pane and laminated inner pane for additional safety fixed or vented options are available. Twelve off the shelf sizes and can be ordered with a 160 mm UPVC upstand or installed into a pre-formed timber kerb.

Galaxy

Mainly used for refurbishment work where only a dome requires replacing and is designed to be fitted to an existing builder's kerb. The 100 mm flange ensures a fit with most kerbs without the need for adjustment.



Polycarbonate skin can be single, double, triple or quadruple – clear or diffused are available in various shapes and sizes.

SHEV (AOV)

Can be supplied with an operable comfort switch for natural ventilation. This product can also be used for access and the actuator can be offset to allow for a larger access area. Available in various sizes. polycarbonate skins can be double, triple or quadruple – clear or diffused is also available.

Access Hatches

Used to access the roof area whilst also allowing natural daylight to enter a space, access hatches are available in various sizes. Polycarbonate skins can be double, triple or quadruple – clear or diffused. Each come with either 160 mm vertical upstand (recommended for frequent use) or 150 mm splayed upstand (recommended for occasional use).

PALMA



7410 - 0100
SNOW WHITE

25



7473 - 741-01
PEARL FT

25



7473 - 742-02
DAWN FT

25



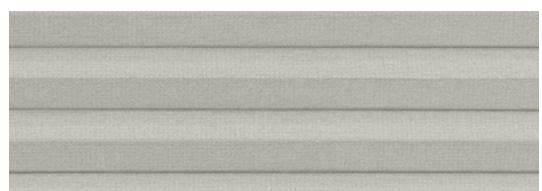
7473 - 0160
DAWN

25



7460 - 0140
CAMEL

25



7423 - 0230
MOUSE

25



7460 - 0170
ASH

25



7460 - 742-03
ASH FT

25



7460 - 742-04
MOUSE FT

25



7460 - 0200
RAVEN

25



7473 - 0220
STEEL

25



7473 - 742-06
RAVEN FT

25

BLACK-OUT



PALMA



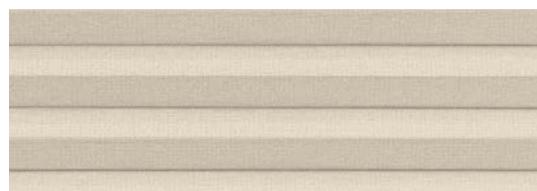
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SNOW WHITE



7473 - 5110
PEARL



7473 - 5130
SAND



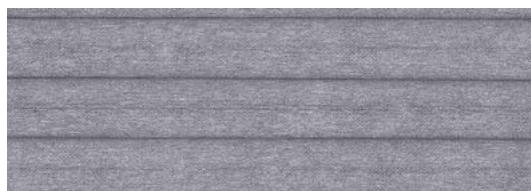
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DAWN



7473 - 5230
MOUSE



7460 - 5170
ASH



7473 - 747-05
DUST FT



7473 - 747-03
ASH FT



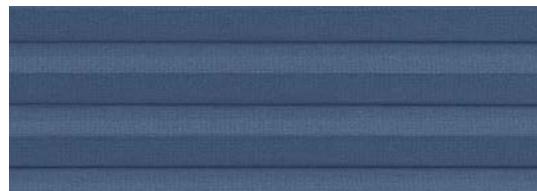
7460 - 5210
IRON



7460 - 5200
RAVEN



7460 - 5220
STEEL



7460 - 5270
JEANS



DIM-OUT 

WESTMOUNT



755-11
CHARCOAL

 25



755-01
WHITE

 25

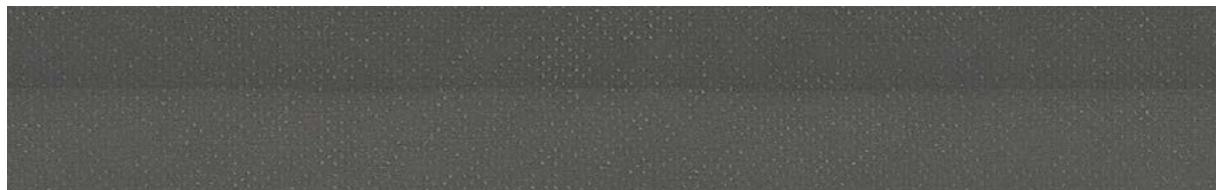


755-04
BEIGE

 25

BLACK-OUT 

WESTMOUNT



765-11
CHARCOAL

 25



765-01
WHITE

 25



765-04
BEIGE

 25

WESTMOUNT



755-01
WHITE

25



755-02
CREAM

25



755-03
LIGHT BEIGE

25



755-04
BEIGE

25



755-09
PEBBLE

25



755-08
FOSSIL

25



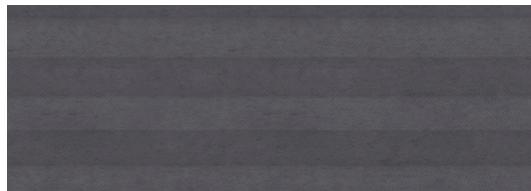
755-06
BROWN

25



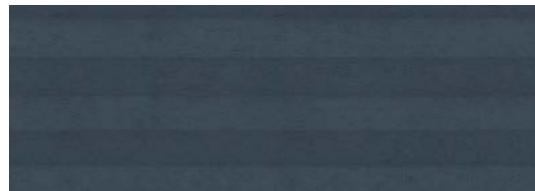
755-10
MERCURY

25



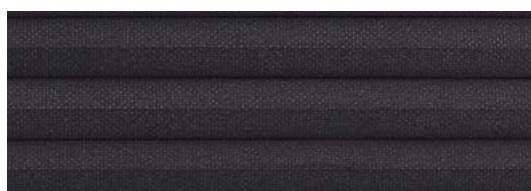
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CHARCOAL

25



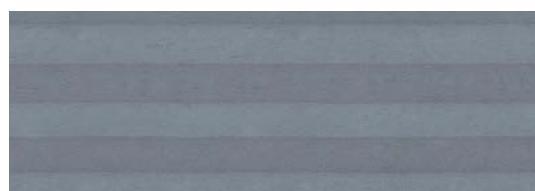
755-13
DARK BLUE

25



780-01
BLACK FT

25



755-12
GREY

25

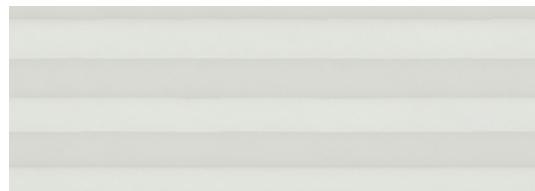
BLACK-OUT



WESTMOUNT



765-01
WHITE



765-02
CREAM



765-05
SAND



765-02
BEIGE



765-08
FOSSIL



765-06
BROWN



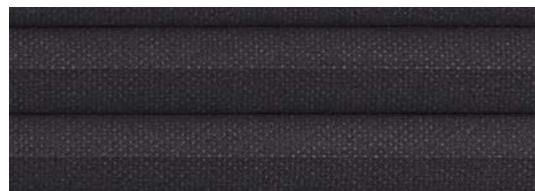
765-09
PEBBLE



765-10
MERCURY



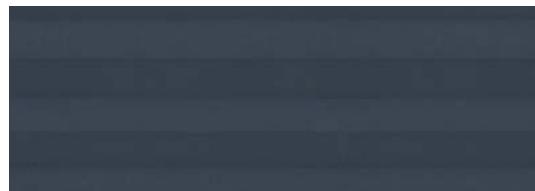
765-12
GREY



781-01
BLACK FT



765-14
BLACK



765-13
DARK BLUE



COMPANY PROFILE

COXDOME has been providing buildings with daylight and natural ventilation via rooflights since 1954. With over 65 years' experience, COXDOME offers high quality tested products that come with a 10-year guarantee. These rooflights are suitable for new build and refurbishment projects. All COXDOME Rooflights are manufactured and distributed from Blyth. Excellent delivery options are available for the most efficient project planning.

COXDOME understands the importance of daylight and how it brings energy and life to home and work with a connection to the world outdoors. Daylight and ventilation have been scientifically proven to make people feel and perform better. The following rooflight products are available at COXDOME.

| Palma | Cell size | Cell shape | PES material | Made of rPET | Free of PVC | Flame-retardant | Fabric width | Fabric thickness | Fabric weight |
|-----------|-----------|------------|--------------|--------------|-------------|-----------------|-----------------|--------------------|---|
| Dim-out | 20 mm | O shape | 100 % | 0 % | Yes | No | 300 cm 10 ft | 0,23 mm 0.01 in | 175 g/m ² 6.17 oz/yd ² |
| | 25 mm | D shape | 100 % | 0 % | Yes | No | 300 cm 10 ft | 0,23 mm 0.01 in | 150 g/m ² 5.29 oz/yd ² |
| | 32 mm | D shape | 100 % | 0 % | Yes | No | 300 cm 10 ft | 0,26 mm 0.01 in | 155 g/m ² 5.47 oz/yd ² |
| | 45 mm | D shape | 100 % | 0 % | Yes | No | 366 cm 12 ft | 0,26 mm 0.01 in | 155 g/m ² 5.47 oz/yd ² |
| Black-out | 20 mm | O shape | 100 % | 0 % | Yes | No | 300 cm 10 ft | 0,18 mm 0.01 in | 198 g/m ² 6.98 oz/yd ² |
| | 25 mm | D shape | 100 % | 0 % | Yes | No | 300 cm 10 ft | 0,18 mm 0.01 in | 190 g/m ² 6.70 oz/yd ² |
| | 32 mm | D shape | 100 % | 0 % | Yes | No | 300 cm 10 ft | 0,25 mm 0.01 in | 180 g/m ² 6.35 oz/yd ² |
| | 45 mm | D shape | 100 % | 0 % | Yes | No | 366 cm 12 ft | 0,25 mm 0.01 in | 180 g/m ² 6.35 oz/yd ² |

| Westmount | Cell size | Cell shape | PES material | Made of rPET | Free of PVC | Flame-retardant | Fabric width | Fabric thickness | Fabric weight |
|-----------|-----------|------------|--------------|--------------|-------------|-----------------|-----------------|--------------------|---|
| Dim-out | 20 mm | O shape | 100 % | 0 % | Yes | Yes | 300 cm 10 ft | 0,23 mm 0.01 in | 219 g/m ² 7.72 oz/yd ² |
| | 25 mm | D shape | 100 % | 0 % | Yes | Yes | 300 cm 10 ft | 0,23 mm 0.01 in | 180 g/m ² 6.35 oz/yd ² |
| Black-out | 20 mm | O shape | 100 % | 0 % | Yes | Yes | 300 cm 10 ft | 0,25 mm 0.01 in | 255 g/m ² 8.99 oz/yd ² |
| | 25 mm | D shape | 100 % | 0 % | Yes | Yes | 300 cm 10 ft | 0,25 mm 0.01 in | 243 g/m ² 8.57 oz/yd ² |

COXDOME Classic Rooflight

fixed polycarbonate dome

The COXDOME Classic Range fixed dome rooflight for flat roofs is manufactured to a high standard with double or triple glazing and a 150 mm PVC-u upstand. The thermally broken upstand is manufactured from PVC-u plastic profiles and ensures thermal efficiency and prevents condensation.

COXDOME Classic Range rooflights are leading the way in terms of quality and price. The domes are available in clear, diffused or opal variants in a range of sizes between 600 mm and 3,000 mm.

COXDOME Classic Range polycarbonate domes for flat roofs features a universal design which provides easy installation, as well as high performance. Designed with a modular structure allowing for a variety of configurations. The thermally broken frame is manufactured from plastic profiles, ensuring a strong thermal performance and resilience to condensation formation, as well as having excellent waterproofing properties.

Key Benefits:

- Double, triple or quadruple skins available for high performance
- Clear, diffused or opal glazing
- High Security Fixings as standard
- PVC-u Upstand
- Suitable for flat roofs, including single ply, GRP, hot melt, asphalt, liquid and lead

Performance:

- U Value 2.7 Double Skin / Sound Reduction 20dB
- U Value 1.7 Triple Skin / Sound Reduction 22dB
- U Value 1.4 Quadruple Skin / Sound Reduction 23dB
- U Value 1.8 150mm PVC-u upstand
- CE Marking according to EN 1873
- Class B Non-Fragile, ACR(M)001 Soft Body Tested
- 3 mm polycarbonate impact resistant glazing
- B-s1-d0 Fire Classification according to BS EN15301:1 2007
- COXDOME Classic Rooflight: Manual Opening Polycarbonate Dome

COXDOME Classic Rooflight

Manual Opening Polycarbonate Dome

The COXDOME Classic Range manual opening polycarbonate dome for flat roofs is manufactured to a high standard with double or triple glazing and a 150 mm PVC-u upstand. The thermally broken upstand is manufactured from PVC-u plastic profiles ensures the thermal efficiency and prevents condensation. COXDOME Classic Range rooflights are leading the way in terms of quality and price and are available in clear, diffused or opal variants. A range of sizes between 600 mm and 3000 mm are available.

The COXDOME Classic manual opening rooflight is supplied with a spindle gear to

be operated from below and using a winding pole (included). The maximum opening is approximately 300 mm.

COXDOME Classic Range polycarbonate domes for flat roofs features a universal design which provides easy installation as well as high performance. Each rooflight is designed with a modular structure allowing for a variety of configurations. The thermally broken frame is manufactured from plastic profiles and ensures a strong thermal performance. Resilience to condensation formation as well as having excellent waterproofing properties are additional features.

Key Benefits:

- Double, triple or quadruple skins available for high performance
- Clear, diffused or opal glazing
- High security fixings as standard
- PVC-u upstand
- Suitable for flat roofs, including single ply, GRP, hot melt, asphalt, liquid and lead
- Manual opening
- Winding pole included

Performance:

- U Value 2.7 Double Skin / Sound Reduction 20dB
- U Value 1.7 Triple Skin / Sound Reduction 22dB
- U Value 1.4 Quadruple Skin / Sound Reduction 23dB
- U Value 1.8 150mm PVC-u upstand
- CE Marking according to EN 1873
- Class B Non-Fragile, ACR(M)001 Soft Body Tested
- 3 mm polycarbonate impact resistant glazing
- B-s1-d0 Fire Classification according to BS EN15301:1 2007

COXDOME Classic Rooflight

Electric Opening Polycarbonate Dome

COXDOME Classic Range electric opening polycarbonate dome for flat roofs is manufactured to a high standard with double or triple glazing and a 150 mm PVC-u upstand. The thermally broken upstand is manufactured from PVC-u plastic profiles and ensures the thermal efficiency and prevents condensation. COXDOME Classic Range rooflights are leading the way in terms of quality and price. The COXDOME Classic Range domes are available in clear, diffused or opal variants. Domes are available in a range of sizes between 600 mm and 3,000 mm. The electric chain drive motor

is operated by a wall mounted switch providing an opening rooflight height of approximately 300 mm.

COXDOME Classic Range polycarbonate domes for flat roofs features a universal design which provides easy installation as well as high performance. Designed with a modular structure allowing a variety of configurations. The thermally broken frame manufactured from plastic profiles ensures a strong thermal performance and resilience to condensation formation as well as having excellent waterproofing properties.

Key Benefits:

- Double, triple or quadruple skins available for high performance
- Clear, diffused or opal glazing
- High Security Fixings as standard
- PVC-u Upstand
- Suitable for flat roofs, including single ply, GRP, hot melt, asphalt, liquid and lead
- Chain Drive with wall switch
- Remote opening

Performance:

- U Value 2.7 Double Skin / Sound Reduction 20dB
- U Value 1.7 Triple Skin / Sound Reduction 22dB
- U Value 1.4 Quadruple Skin / Sound Reduction 23dB
- U Value 1.8 150mm PVC-u upstand
- CE Marking according to EN 1873
- Class B Non-Fragile, ACR(M)001 Soft Body Tested
- 3 mm polycarbonate impact resistant glazing
- B-s1-d0 Fire Classification according to BS EN15301:1 2007

COXDOME Lumiglaze Flat Glass Rooflight

Fixed

COXDOME Lumiglaze Flat Glass Rooflight for flat roofs are manufactured to a high standard with a double-glazed unit, aluminium frame and a 160 mm PVC-u upstand. The thermally broken upstand ensures a strong thermal performance and resilience to condensation formation. The powder coated aluminium frame provides an unrivalled design aesthetic and elegant finish. COXDOME Lumiglaze flat glass rooflights are leading the way in terms of quality and price and are available in a range of sizes between 600 mm and 2,400 mm. The COXDOME Flat Glass Rooflight range allows you to enjoy pure and natural daylight

with clear panoramic views. The skylight has a clean modern design that looks great on the roof. A toughened outer glass pane has a ceramic edge coating to give a stylish finish. The range comes complete with a 160 mm high vertical insulated PVC upstand made to suit a new or existing roof opening.

The slim aluminium frame has an internal thermal break which makes the rooflight energy efficient whilst also reducing the risk of condensation. The skylight comes complete with concealed fixing screws installed beneath the flush cover.

Key Benefits:

- Ideal for new build and refurbishment projects
- Uninterrupted glass surface offers pure daylight
- Clear panoramic views internally
- Clean appearance from external roofscape
- Installation angle 3-7°
- 6 mm toughened outer glass pane
- Ceramic edge coating
- Internal thermal break
- High security fixings as standard
- Fixing screws concealed with flush cover for invisibility

Performance:

- U Value 1.0
- Sound reduction 35dB

COXDOME Lumiglaze Flat Glass Rooflight

Manual Opening

COXDOME Lumiglaze Flat Glass Rooflight for flat roofs are manufactured to the highest standard with a double-glazed unit, aluminium frame and a 160mm PVC-u upstand. The thermally broken upstand ensures a strong thermal performance and resilience to condensation formation. While the powder coated aluminium frame provides an unrivalled aesthetic and finish that is leading the way in terms of quality and price. They are available in a range of sizes between 600 mm and 2,400 mm. The COXDOME Flat Glass Rooflight range allows you to enjoy natural daylight with

clear panoramic views. The skylight has a clean modern design aesthetic that looks great. A toughened outer glass pane has a ceramic edge coating giving a stylish finish. This product range comes complete with a 160 mm high vertical insulated PVC upstand made to suit a new or existing roof opening. The slim aluminium frame has an internal thermal break which makes the rooflight energy efficient, while also reducing the risk of condensation. The skylight comes complete with concealed fixing screws installed beneath a flush cover.

Key Benefits:

- Manual opening
- Ideal for new build and refurbishment projects
- Uninterrupted glass surface offers pure daylight
- Clear panoramic views internally
- Clean appearance from external roofscape
- Installation angle 3-7°
- 6 mm toughened outer glass pane
- Ceramic edge coating
- Internal thermal break
- High security fixings as standard
- Fixing screws concealed with flush cover for invisibility

Performance:

- U Value 1.0
- Sound reduction 35dB

COXDOME Lumiglaze Flat Glass Rooflight

Electric Opening

COXDOME Lumiglaze Flat Glass Rooflight for flat roofs are manufactured to a high standard with a double-glazed unit, aluminium frame and a 160 mm PVC-u upstand. The thermally broken upstand ensures a strong thermal performance and resilience to condensation formation. While the powder coated aluminium frame provides an unrivalled aesthetic and finish. COXDOME Lumiglaze flat glass rooflights are leading the way in terms of quality and price. Available in a range of sizes between 600 mm and 2,400 mm

The COXDOME Flat Glass Rooflight range allows you to enjoy pure and natural daylight

with clear panoramic views. The skylight has a clean modern design that looks great on the roof. The toughened outer glass pane has a ceramic edge coating giving you a stylish finish. This expansive range comes complete with a 160 mm high vertical insulated PVC upstand made to suit your new or existing roof opening.

The slim aluminium frame has an internal thermal break which makes the rooflight energy efficient whilst also reducing the risk of condensation. The skylight comes complete with concealed fixing screws installed beneath the flush cover.

Key Benefits:

- Electric opening
- Ideal for new build and refurbishment projects
- Uninterrupted glass surface offers pure daylight
- Clear panoramic views internally
- Clean appearance from external roofscape
- Installation angle 3-7°
- 6 mm toughened outer glass pane
- Ceramic edge coating
- Internal thermal break
- High security fixings as standard
- Fixing screws concealed with flush cover for invisibility

Performance:

- U Value 1.0
- Sound reduction 35dB

COXDOME Lumiglaze Flat Glass Rooflight

Lid Only

COXDOME Lumiglaze Flat Glass Rooflight for flat roofs are manufactured to a high standard with a double-glazed unit and aluminium frame. The lid is able to be installed onto a new or existing upstand with a horizontal 50 mm wide flat kerb top.

The COXDOME Flat Glass Rooflight range allows you to enjoy natural daylight with clear panoramic views. This skylight has a clean modern design that looks great on the roof. The toughened outer glass pane has a ceramic edge coating to give a stylish finish.

The lid is designed to be installed onto a new

or existing upstand with a horizontal 50 mm wide flat kerb top. Please note that an existing or new timber kerb is required to be at least 150 mm high from the finished roof level to comply with building regulations and can be installed on a pitch of no more than 7°.

The slim aluminium frame has an internal thermal break which makes the rooflight energy efficient whilst also reducing the risk of condensation. The skylight comes complete with concealed fixing screws installed beneath the flush cover.

Key Benefits:

- Compatible with new or existing upstands
- Ideal for new build and refurbishment projects
- Uninterrupted glass surface offers pure daylight
- Clear panoramic views internally
- Clean appearance from external roofscape
- Installation angle 3-7°
- 6 mm toughened outer glass pane
- Ceramic edge coating
- Internal thermal break
- High security fixings as standard
- Fixing screws concealed with flush cover for invisibility

Performance:

- U Value 1.0
- Sound reduction 35dB

COXDOME Galaxy Rooflight

Dome Only

Manufactured from high quality UV protected polycarbonate, Galaxy is a 'dome only' solution designed to be fit into existing builder's kerb or upstand.

Galaxy is ideal for refurbishment projects, or applications where only the glazing needs

replacement. The 100 mm flange ensures it fits to most kerbs without the need for adjustment and is ideal for refurbishment projects where only the glazing needs replaced if damaged or discoloured.

Key Benefits:

- Designed to be installed to existing builder's kerbs
- 100 mm flanged polycarbonate unit, ensures a fit with most kerbs without the need for adjustment
- Ideal for refurbishments where only glazing needs to be replaced

Performance:

- Manufactured using 3 mm polycarbonate which achieves B-s1-d0 and therefore attains Class 1 certification (according to EN 13501-1:2007)
- Class B non-fragile to ACR[M]001
- Class 1 fire performance to BS476 Pt7
- U-value 1.7 Triple Skin
- Installation angle 0-15°
- All sizes available in single, double, triple and quadruple skin
- Clear or diffused glazing options

COXDOME SHEV (AOV)

COXDOME SHEV (AOV) systems provide a smoke and heat exhaust ventilation solution for all commercial and residential applications. Supplied factory assembled and factory tested, all products are certified to EN12101-2. SHEV (AOV) systems not only help to provide smoke extraction in the event of a fire, but they also provide day-to-day controllable ventilation.

Available with clear or obscure polycarbonate glazing to enhance the building's natural daylight, or with a fully insulated aluminium solid cover.

Key Benefits:

- Smoke and heat exhaust ventilation solution for all commercial and residential applications
- Supplied factory assembled and factory tested
- Provides smoke extraction in the event of a fire
- The motor can be offset to provide access as well as smoke ventilation
- Provide day-to-day controllable ventilation
- Complies with the latest building regulations on fire safety
- Can be integrated into any Building Management System
- Central control panel complete with battery backup in case of mains failure
- Available with clear or obscure polycarbonate glazing to enhance the building's natural daylight

The COXDOME SHEV (AOV) range is available in a wide range of sizes and complies with the latest building regulations on fire safety and can be integrated into any Building Management System (BMS). Linked to a central control panel, control panels can be triggered from either manual override switches local to the ventilator and the ground floor by dedicated smoke detectors, or by interfacing with a third-party smoke detection/fire alarm system. The BMS is complete with battery backup in case of mains failure.

- Suitable for installation on a roof pitch between 0° and 15°

Performance:

- EN12101-2 certified
- Available from 700 mm to 1200 mm and 700 mm to 2250 mm
- Opens to 140°
- Galvanised steel mechanism
- Glazed polycarbonate or solid aluminium cover
- Extremely low noise level
- Compact 24V motor unit
- Aerodynamic free area up to Aa0.68 m²
- Snow load up to 600N/m²
- Wind load up to 1500N/m²
- Low ambient temperature T(-15°)
- Heat exposure B300
- Reaction to Fire Class E
- Opening speed <60 secs