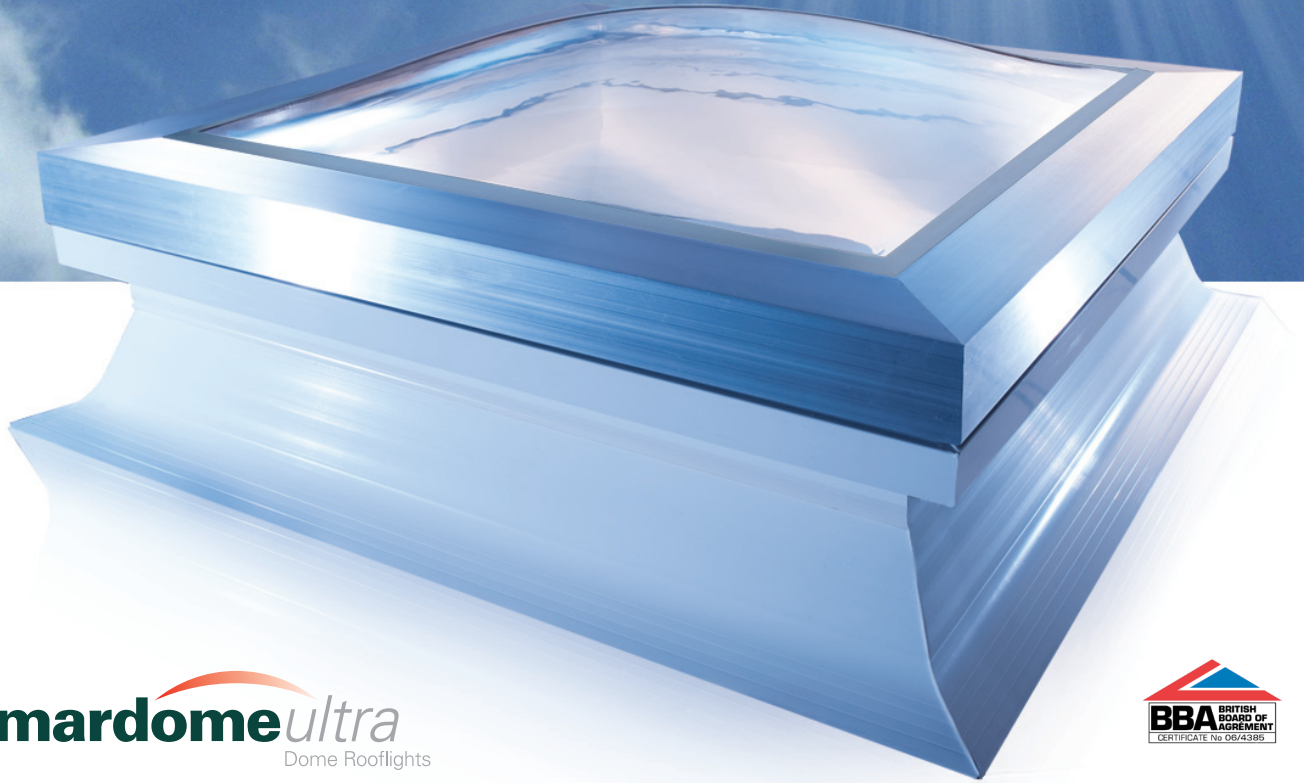


# New

Generation  
Mardomes



**mardome***ultra*  
Dome Rooflights



Mardome Ultra is the architecturally inspired Mardome in the newly redesigned next generation Mardomes. Mardome Ultra offers maximum security and stylish design with a sleek aluminium security frame concealing tamper-proof secret lock fixings. Providing excellent insulation, triple skin Mardome Ultra rooflights achieve a centre pane  $U^d$ -value of  $1.8 \text{ W/m}^2\text{K}$  and a  $U_d$ -value which ranges from  $1.25 \text{ W/m}^2\text{K}$  for a  $600 \times 600 \text{ mm}$  dome to  $1.51 \text{ W/m}^2\text{K}$  for a  $200 \times 2400 \text{ mm}$  dome. Higher performance glazing options can further reduce the  $U_d$ -value to as low as  $0.95 \text{ W/m}^2\text{K}$ .

- New contemporary low rise profile and sleek stylish aluminium frame
- Maximum security with secret lock fixings concealed under security frame
- Saves energy with options to reduce the  $U_d$ -value to as low as  $0.95 \text{ W/m}^2\text{K}$
- Unique glazing cassette in triple and quad skin domes, minimises the risk of condensation
- All power components are hidden for a streamlined lightwell
- Extensive options to satisfy requirements for acoustics, ventilation and light transmission
- For ease of installation the tapered kerb foot does not require timber fillets and an integral membrane clamp holds the roofing membrane or felt in place



# Centre pane U-value is a measure of the thermal efficiency of the glazing type.  
\*  $U_d$ -value is thermal efficiency of the developed rooflight unit (calculated in accordance with NARM Technical Document NTD2 (2009)).

**mardome**  
Dome Rooflights

## Mardome Ultra Configuration

Offering the widest possible flexibility, Mardome Ultra rooflights can be individually configured to the required size, in a range of glazing, ventilation and opening options, to satisfy your budget and application.

### Size and Shape

Available in standard sizes from 600x600mm up to 1800x1800mm with a choice of low rise dome or low rise pyramid shaped glazing units.

Low Rise Dome

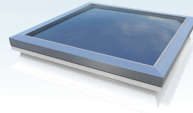
Low Rise Pyramid

### Glazing

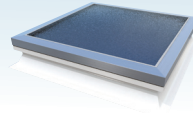
Glazed with Marlon FSX Longlife polycarbonate and available in double, triple and quad skin units depending on the level of thermal insulation required.

Additional glazing options include:

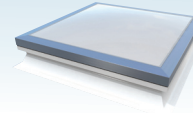
- Double glazed glass inner glazing (standard or argon filled) - improved U<sub>g</sub>-values, acoustics and aesthetics
- 25mm structured polycarbonate inner glazing - improved thermal performance



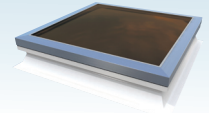
**Clear**  
High Visibility & Light Transmission



**Textured**  
Privacy & Light Transmission



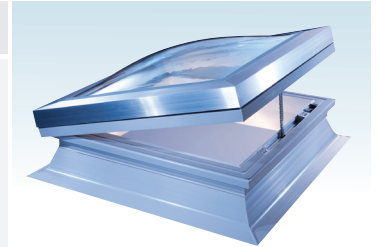
**Opal**  
Privacy, Diffused Light & Solar Control



**Bronze**  
Solar Control

### Opening Options

- Manual opening with extension pole
- Powered opening
- Powered opening with RF remote control handset
- Powered opening with RF remote control handset and rain sensor
- SV30 Smoke clearance / AOV unit opens to a nominal 30° (requires 24v system)
- SV90 Smoke clearance / AOV unit opens to a nominal 90° (requires 24v system)
- Access Hatch – Lockable from the inside, this gas strut assisted opening unit can be used to gain access to the roof, used in conjunction with a suitable ladder/other means of access (not supplied)



### Ventilation

- Trickle Vents (Manual) - Standard Spec
- Automatic (Humidity Controlled) - Superior Spec

### Direct Fix Kerb

Available with a direct fix kerb option for installation directly onto builders upstands.

### Accessories

- Kerb adaptor allows standard sized domes to be fitted on non-standard size upstands
- Timber kit for application of mastic asphalt roofing systems
- Security grille
- Telescopic opening poles (to a maximum extension of 3m)
- Mardome GRP soaker available for metal clad roof applications

### Acoustics Pack

The Acoustics Pack should be specified where a reduction in rain or external noise transmission is required (not available with ventilated or opening domes).

### Options

Standard Sizes mm	Shape	Trickle Vents (Manual) Ventilation	Automatic (Humidity Controlled) Ventilation	Manual Opening	Powered Opening	R/C Powered Opening	R/C Powered Opening with Rain Sensor	SV30	SV90	Access Hatch
600x600	D,P	Y	Y	Y	Y	Y	Y	N	N	N
600x900	D,P	Y	Y	Y	Y	Y	Y	Y	N	N
600x1500	D,P	Y	Y	Y	Y	Y	Y	Y	N	N
750x750	D,P	Y	Y	Y	Y	Y	Y	Y	Y	N
750x900	D,P	Y	Y	Y	Y	Y	Y	Y	Y	N
900x900	D,P	Y	Y	Y	Y	Y	Y	Y	Y	Y
900x1800	D	Y	Y	Y	Y	Y	Y	Y	Y	Y
1050x1050	D,P	Y	Y	Y	Y	Y	Y	Y	Y	Y
1050x1500	D,P	Y	Y	Y	Y	Y	Y	Y	Y	Y
1200x600	D,P	Y	Y	Y	Y	Y	Y	Y	N	N
1200x900	D,P	Y	Y	Y	Y	Y	Y	Y	Y	Y
1200x1200	D,P	Y	Y	Y	Y	Y	Y	Y	Y	Y
1200x1500	D,P	Y	Y	Y	Y	Y	Y	Y	N	N
1200x1800	D	Y	Y	Y	Y	Y	Y	Y	N	N
1200x2400	D	Y	Y	N	N	N	N	N	N	N
1350x1350	D,P	Y	Y	N	N	N	N	N	N	N
1500x1500	D,P	Y	Y	N	N	N	N	N	N	N
1800x1800	D	Y	Y	N	N	N	N	N	N	N

Note: All sizes are available as fixed vented or non-vented units. D: Dome P: Pyramid

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**Daylight Systems**