

# Order checklist

## Glazing – stock options

### Material

Polycarbonate	<ul style="list-style-type: none"> <li>Recommended choice</li> <li>Fire rating available</li> </ul>	<ul style="list-style-type: none"> <li>Virtually unbreakable</li> <li>Certified 'Non-Fragile'</li> </ul>
Acrylic	<ul style="list-style-type: none"> <li>Economical</li> <li>'Fragile'</li> </ul>	<ul style="list-style-type: none"> <li>Good UV resistance</li> <li>Care when specifying due to lower fire rating</li> </ul>

### Single, double or triple glazed

Single glazed	<ul style="list-style-type: none"> <li>Suitable for unheated areas</li> </ul>	<ul style="list-style-type: none"> <li>Specify with caution</li> </ul>
Double glazed	<ul style="list-style-type: none"> <li>Economical</li> </ul>	<ul style="list-style-type: none"> <li>U-Value 2.9 W/m<sup>2</sup>K</li> </ul>
Triple glazed	<ul style="list-style-type: none"> <li>Best insulation (1.78 W/m<sup>2</sup>K)</li> <li>Better sound insulation</li> </ul>	<ul style="list-style-type: none"> <li>Complies with virtually all Building Regulations requirements</li> </ul>

### Clear or opal diffused

Clear	<ul style="list-style-type: none"> <li>Very high light transmission – up to 92%</li> <li>Direct light to area below</li> </ul>	<ul style="list-style-type: none"> <li>Care needed to prevent 'solar overheating'</li> </ul>
Opal diffused	<ul style="list-style-type: none"> <li>Maintains high light transmission whilst evenly diffusing light to area below</li> </ul>	<ul style="list-style-type: none"> <li>Increased security due to translucent finish</li> </ul>

## Glazing – special order options

Heat Reflect	<ul style="list-style-type: none"> <li>Reflects 100% ultraviolet light</li> </ul>	<ul style="list-style-type: none"> <li>Solar transmission 39%</li> <li>Reflects 61% solar energy</li> </ul>
Pyramid	<ul style="list-style-type: none"> <li>30° pyramid (trapezoidal when rectangular) design</li> </ul>	<ul style="list-style-type: none"> <li>Available in most square and rectangular sizes</li> </ul>

## Upstands – stock options

Em-Curb PVCu 150 splayed	<ul style="list-style-type: none"> <li>Most popular choice</li> <li>Economical</li> <li>Insulated (2.2 W/m<sup>2</sup>K)</li> <li>Pre-finished internally</li> </ul>	<ul style="list-style-type: none"> <li>Can accommodate controllable trickle ventilation in side walls</li> <li>Suitable for most flat roof waterproofing systems</li> </ul>
Em-Curb PVCu 300 splayed	<ul style="list-style-type: none"> <li>For use on insulated roofs (up to 150mm insulation)</li> <li>Excellent insulation (1.0 W/m<sup>2</sup>K)</li> </ul>	<ul style="list-style-type: none"> <li>Can accommodate controllable trickle ventilation in side walls</li> <li>Suitable for most flat roof waterproofing systems</li> </ul>
Em-Curb GRP 150 splayed	<ul style="list-style-type: none"> <li>Recommended for use with circular units</li> </ul>	<ul style="list-style-type: none"> <li>Good insulation (1.82 W/m<sup>2</sup>K)</li> </ul>

## Curb adaptors – stock options

Em-Curb PVCu 150 curb adaptor	<ul style="list-style-type: none"> <li>Available vertical or splayed</li> <li>Designed to fit virtually any existing builders' upstand size</li> </ul>	<ul style="list-style-type: none"> <li>Excellent insulation properties</li> <li>Can accommodate controllable trickle ventilation in side walls</li> </ul>
T-Collar aluminium curb adaptor	<ul style="list-style-type: none"> <li>Available in a range of extrusions</li> <li>Extremely versatile</li> <li>Very economical</li> <li>Extruded aluminium</li> </ul>	<ul style="list-style-type: none"> <li>Manufactured with white PVCu insulation lining</li> <li>Accommodate controllable trickle or louvre ventilation in side walls</li> </ul>

## Ventilation – stock options

### Fixed ventilation

Permanent trickle	<ul style="list-style-type: none"> <li>Spacer washer between glazing and upstand curb</li> <li>Economical option</li> <li>5-10 perimeter airspace</li> </ul>	<ul style="list-style-type: none"> <li>Permanent ventilation</li> <li>Provides permanent perimeter background ventilation</li> </ul>
Controllable trickle	<ul style="list-style-type: none"> <li>Factory fitted</li> <li>Installed in side wall of upstand or adaptor</li> </ul>	<ul style="list-style-type: none"> <li>Controllable trickle background ventilation</li> <li>8000mm<sup>2</sup> ventilation area per pair</li> </ul>
Controllable rotating	<ul style="list-style-type: none"> <li>Most effective type of ventilation</li> <li>Infinitely adjustable</li> </ul>	<ul style="list-style-type: none"> <li>Innovative insulated design</li> <li>Fitted to 2 or 4 sides of upstand or adaptors</li> </ul>

### Opening ventilation

Hinged opening	<ul style="list-style-type: none"> <li>Manual up to 300mm</li> <li>Electric up to 600mm</li> </ul>	<ul style="list-style-type: none"> <li>Proprietary design</li> <li>Smoke ventilator range available</li> </ul>
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### Access opening

Roof access	<ul style="list-style-type: none"> <li>Opens to approx 90°</li> <li>Friction and assisted hydraulic systems available</li> <li>Lockable cockspur handle</li> </ul>	<ul style="list-style-type: none"> <li>Compatible with ventilation systems</li> <li>Solid insulated cover option</li> </ul>
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## Accessories – special order options

<ul style="list-style-type: none"> <li>Security grills</li> <li>Em-Dome Plus security frame</li> </ul>	<ul style="list-style-type: none"> <li>Powered extract fans</li> <li>Smoke ventilators and control systems</li> </ul>
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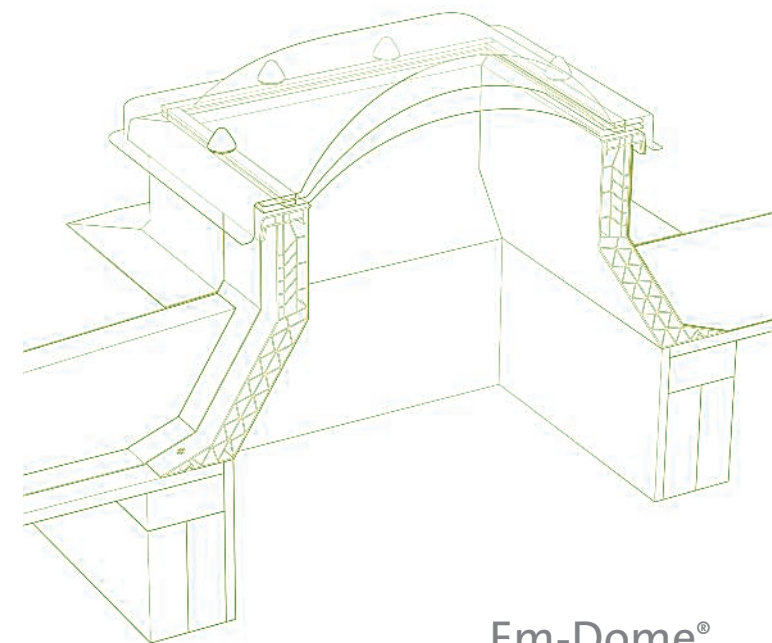
## Sizing checklist

### Type of upstand curb being used

Em-Curb	<ul style="list-style-type: none"> <li>Specify roof opening size ____ mm x ____ mm</li> <li>Is roof being insulated? <input type="checkbox"/> No <input type="checkbox"/> Yes ____ mm thick</li> </ul>
Existing builder's curb	<ul style="list-style-type: none"> <li>Specify exact external curb size (ECS) ____ mm x ____ mm</li> <li>Specify exact internal curb size (ICS) ____ mm x ____ mm</li> </ul>

# Dome Rooflights

## Trade Price List 2013



Em-Dome<sup>®</sup>  
in polycarbonate  
and acrylic

