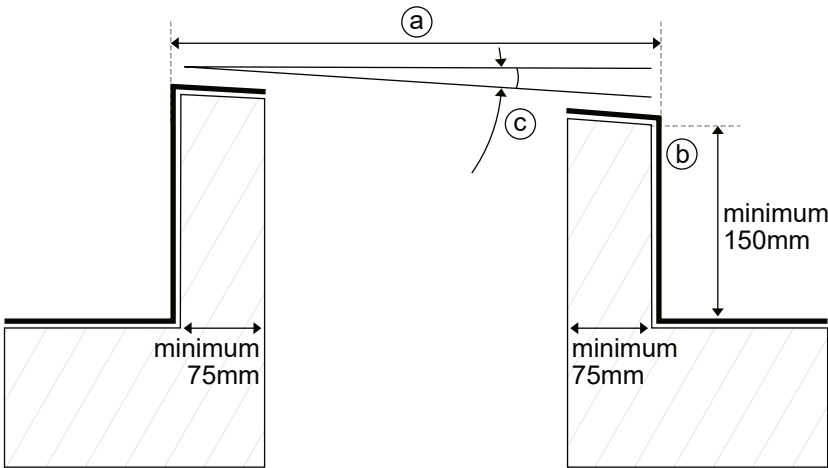


Circular Glass

TB425

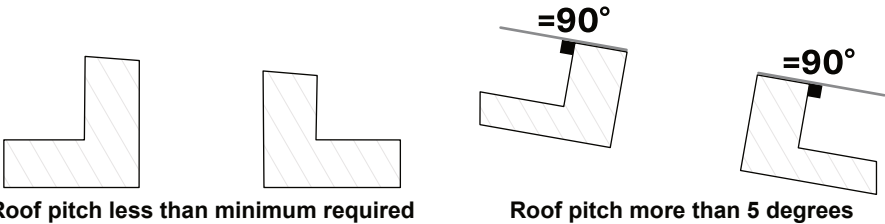
Circular Glass Rooflight
on builders upstand

Upstand and pitch requirements

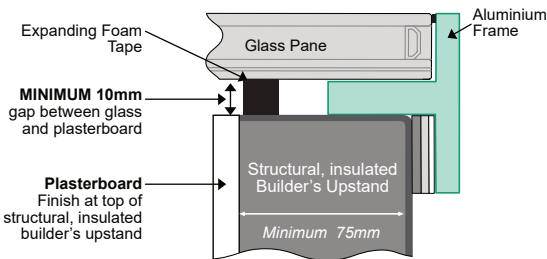


For finished roof pitches that are less than the minimum needed then the pitch can be built into the upstand.

If finished roof pitch is greater than 5 degrees then the top of the upstand must be perpendicular to the sides and parallel with the roof surface.



Plasterboard guidance



Finish plasterboard at the top of the structural, insulated builder's upstand, ensuring there is a MINIMUM 10mm gap between the plasterboard and the underside of the glass. For more information see TB409.

Annealed, laminated inner pane

These Circular Glass rooflights are manufactured using double glazing which includes an inner pane of annealed, laminated safety glass, which prevents falling glass in the event of accidental breakage, for the safety of those below the rooflight.

In some circumstances, annealed, laminated safety glass can be subject to thermal stress fracture in the event of uneven heat build-up directly under the glass. Installation of blinds, or any other alterations made to the lightwell below the rooflight, must be done so with consideration to the risk of thermal stress fracture. In the case of blinds, the risk of thermal stress fracture can never be fully removed, but it can be reduced by choosing light coloured blinds, positioning them as far away from the glass as possible, and including ventilation in the rooflight specification.

More detailed guidance can be obtained upon request.



Circular Glass

TB425

Circular Glass Rooflight
on builders upstand

Contents

Take care when unpacking

Check all correct parts are included and undamaged

Only use fixings supplied

Circular Glass Rooflight

Plastic Packers

Unit Fasteners

Expanding Foam Tape

Snap Cap Washers

Snap Caps

Fixing Quantities	
Nominal diameter of Rooflight (mm)	Number of fixings required
600	6
750	7
900	9
1050	10
1200	12
1350	13
1500	14

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

WARNING! Flat glass units are heavy. Some units may require a mechanical lift.

1 Prepare upstand in accordance with requirements on page 1

2 Apply expanding foam tape around top inside edge of upstand

3 Mastic/Silicone 15mm from the outside edge of upstand

4 Place glass unit accurately on top of upstand

Ensure equal overhang around perimeter

5 Place plastic packers to fill the gap between the frame and the upstand at screw holes

6 Screw in supplied unit fasteners through the snapcap washers and plastic packers

7 Fit snapcaps over the head of each fastener

Circular Glass

TB425

Circular Glass Rooflight
on GRP kerb

Contents

⚠ Take care when unpacking

✓ Check all correct parts are included and undamaged

🔧 Only use fixings supplied

Circular GRP Kerb

Circular Glass Rooflight

Plastic Packers

M5 Hex Nut

Fixing Bracket

Kerb Fastener

55mm

Bolt Fasteners

Snap Cap Washers

Snap Caps

Kerb Fixing Quantities	
Nominal diameter of Rooflight (mm)	Number of fixings (minimum)
600	6
750	8
900	9
1050	10
1200	12
1350	14
1500	15

Equal spacing between fixings (approximately 300mm)

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

⚠ **WARNING!** Flat glass units are heavy. Some units may require a mechanical lift.

① Unit pitch

Circular Glass units are suitable for mounting at pitches of 2°-15°. A minimum pitch of 2° is required to prevent water ponding on the glass leading to rapid dirt build up.

1 Mastic/Silicone around the edge of the roof opening

2 Place kerb accurately over roof opening

3 Fit kerb to roof using 55mm kerb fasteners

⚠ See fixing quantities table

⚠ Do not overtighten fasteners

4 Install roof covering to cover kerb and in accordance with manufacturers installation recommendations

If required, lightly torch roof covering.

⚠ NEVER apply direct heat or naked flame to the rooflight

5 Terminate roof covering at underside of kerb top

6 Place glass unit squarely on top of secured kerb

⚠ Ensure equal overhang around perimeter

7 Place fixing bracket underneath kerb and rooflight at screw holes, facing the hole against the aluminium frame

8 Screw in supplied bolt fasteners through the snapcap washers, fixing bracket and M5 hex nut

ⓘ Tighten bolt using a 10mm spanner

9 Complete fixing glass unit to kerb repeating previous two steps

10 Fit snapcaps over the head of each fastener