

## Installing a Good Directions Cupola



Prior to fitting a Good Directions cupola you will need to construct a ridge box within the structure of the roof. If you have chosen a square cupola from our standard range, a CAD drawing is also available showing the principles and dimensions required for building this ridge box. General procedures are as follows: -

- Remove the roof tiles/slates from where the cupola is to be sited. We recommend that the cupola be positioned centrally between rafters where possible. Internal access is required for installation purposes and periodic maintenance, particularly when clocks are fitted to the cupola.
- Using tanalised or treated timber, construct the framework of the ridge box ensuring it is securely fixed to the roof rafters. It is important to ensure that the finished height allows the cupola to be clear of the ridge tile line and that a solid kerb is formed at the top edge of the ridge box to secure the cupola flange to.
- When the framework is complete, clad the sides in exterior grade plywood and then lead flashed in accordance with the style of tiles/slates.
- Measure the height of the finished ridge box, the position of the ridgeline and pitch of the roof and transfer these dimensions onto the cupola base skirt. We suggest a 25mm clearance between the bottom of the base skirt and tiles/slates.
- Using a jigsaw with a fine tooth blade, cut the base skirt to suit.
- Position the base skirt over the lead flashed ridge box and check for even clearances all round. Trim again if necessary. No fixings should be required to hold the skirt in place after completion.
- Using two web slings positioned under the roof overhang, hoist the cupola on to the ridge box so that it rests on top of the base skirt (we recommend that a bed of silicone sealant is applied between the cupola and base skirt). Check and ensure the cupola is sitting evenly on the skirt and ridge box and temporarily secure with the aid of a couple of suitable clamps.
- Drill through the cupola internal fixing flange and top of ridge box and then secure in place with M10 bolts or Coach screws. We suggest 2-3 fixings per side depending on the size of the cupola.
- Apply silicone to the internal mating faces of the cupola / base skirt for neatness and to ensure a fully watertight seal.
- Remove slings and any temporary clamps. Installation is now complete.



Please note that the roof of the cupola would not have been sealed around its fixing prior to despatch, allowing you to remove it if necessary. Silicone must be applied around the roof fixing, finial or weathervane to ensure it is water tight.