

Installation instructions for AOV (Ax) with polycarb top (Adapter Kerb). X3-D-05-140-Ax-CM-CE-SS

Tools required:-

- Silicone or mastic sealant (or similar), or compressible foam seal
- Driver for chosen kerb fixing
- Drill bit - 6mm diameter
- PZ2 Driver bit
- Drill bit - 10mm diameter

1.

The adapter kerb assembly is pre-fitted with a compressible foam tape to the underside. Simply position the assembly (A) over the builder's upstand, sharing any tolerance evenly across all four sides.

2.

Drill 10mm Ø holes through the adapter kerb flange at 50mm from the vertical or splayed portion of the adapter kerb (as shown below), and at 300mm centres thereafter.

'C' screws with sealing washers are provided (B), which are suitable for timber builder upstands. For concrete upstands, source appropriate sized wall plugs (not supplied) to insert the 'C' screws into. For steel builder's upstands, tek fixings should be used (not supplied); combine with sealing washers.

Avoid over tightening fixings. Apply colour coded cover caps to fixing heads.

3.

Remove the motor cover plates (C) from the inside of the AOV using a Philips head screwdriver, to reveal the junction box (if junction boxes are supplied to both sides, either box will do). Wire up the AOV to the control panel / building management system (this work **MUST** be carried out by a suitably qualified person). See wiring diagram, right.

NOTE:- AOV MUST BE SECURED TO THE BUILDER'S KERB BEFORE BEING OPERATED.

4.

When satisfied with AOV installation and operation; lift the dome or pyramid assembly (D) into position on top of the adapter kerb.

5.

Remove the pre-installed grommets (E) from the polycarbonate, and drill through the holes into the metal flange below, with a 6mm drill bit. Once complete, replace grommets (this must be done to ensure fixings are sealed and watertight). Do not attempt to drill through grommets.

6.

Position tamper resistant base (F) over grommets, and insert M5 bolts (G) supplied. Tighten nut (H) onto bolt, tighten between 0.8Nm & 1.1Nm, taking care to avoid over tightening. Finally, push fit the top caps (J).

NOTE:- Contractor is to provide a weathered builders kerb. Kerb to be a minimum of 100mm wide and 150mm above the finished roof surface. The kerb should be flat and level to +/- 3mm and be constructed in such a way as to provide a solid fixing platform. Should insulation be installed to the external side of the new kerb it is important that the insulation does not cause a back fall on the rooflight flashing detail (check with roof designer). If an existing kerb has been raised there may be a requirement for remedial works and internal decorations. All by others.

