

**ASSEMBLY INSTALLATION DETAIL**

The Alsynite Roof Ventilator system consists of the following components: Turbine, Varipitch Section & Base Flashing.

**Note: The 150mm and 800mm roof vents are available as Turbine Head only. Fabricated, fixed bases are available subject to special order.**

**Step 1**

Select the position on the roof. Lay the base flashing in place and mark the position of the opening. Always consider the method of weatherproofing the opening; installing close to the ridge or apex is the easiest to weatherproof. Cut the hole. If the roof cladding is metal "Turn Up" the corrugations or pans.

**Step 2**

Sit the varipitch section on the roof and rotate the top half until the throat is horizontal. It is best to use a level for this purpose. When satisfied, secure the two halves of the varipitch section together to prevent further rotation. This is done by drilling through the existing lugs and inserting a screw or rivet.

**Step 3**

Place the varipitch section on the base and recheck for level. Fix the varipitch section to the base flange with at least four fasteners. Slide the base flashing into its final position, apply an unbroken bead of silicone or other sealant to all lap areas, and fasten the base flashing securely to the roof cladding. Fit corrugation closure strips to all open corrugations on the low side of the base flashing.

**Step 4**

Fit the turbine to the varipitch section. Check that it is level and adjust by tilting the turbine as necessary. Fasten the turbine to the top of the varipitch section with at least four fasteners. Coat all exposed fasteners with silicone and apply an unbroken bead of silicone around the slip joint of the varipitch section.

