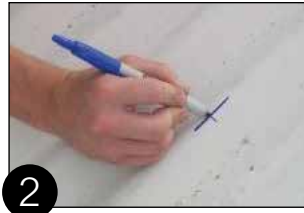




1

Check position of hole from inside ceiling space to ensure that there are no services or structures in the way.



2

Mark the cut out in the roof sheet away from the screw line. Make sure the centre of the cut out is on the raised section of the roof profile and does not sit on over lap of roof sheets.



3

Cut hole in the roof sheet using hole saw or tin snips. Make sure the roof is free from any metal debris when complete.



4

Trim the cone of the Dektite to suit pipe size using sharp tin snips. Slide down pipe using water as a lubricant. Apply sealant by turning back flexible flange. Press base to the roof profile by hand then fix to the roof using screws provided.



5

Align PVC pipe for connection of services to machinery, making sure the service entry point is facing the unit.



6

Secure PVC pipe within ceiling space to purlin rafter or truss. This will ensure the PVC will not drop or move over time.



7

Install services pipework up through PVC pipe. Bend pipe work 180 degrees out through slot in PVC pipe using copper pipe bending tools, making sure not to kink. If required, sealant can be applied to pipework as added protection against water ingress and vermin protection.



8

Apply PVC solvent cement to inside neck of Top Hat cap and to PVC pipe.



9

Fit Top Hat cap onto PVC pipe and hold in place squarely until solvent cement sets. Fasten services together using cable tie provided making sure you do not crush insulation or pipe work.



10

Connect services to machinery or solar panel.



11

Clean any debris from roof.