

APAC SYSTEM INSTALLATION INSTRUCTIONS

The 'APAC' (Aadjustable Plate And Cover) system provides the solution to covering both new and existing pipe work and comprises of two elements, the cover extrusion (APAC 1) and the back plate assemblies:

APAC15 – Back Plate incorporating 2 x 15mm Pipe Clips

APAC22 – Back Plate incorporating 2 x 22mm Pipe Clips

APAC1/BP – Back Plate only

The back plates have 3 options for fixing, a combination of these fixing options will address most pipe cover applications.

Whilst there is a positive clipping action between the back plate and the pipe clips in the back plate assemblies (APAC 15 & 22) this should not be *solely* relied on to secure the pipe work to the building fabric. Consideration should be given to the number of supports required to adequately fix and support the pipe work taking into consideration manufactures recommendations. Plastic pipes will require more support than copper pipes and horizontal runs will require more support than vertical runs.

Our recommendation of 4 back plates for each length of cover is in relation to cover support only and should not be interpreted as any recommendation for pipework support.

First Fix Installations:

1. Once the pipework route has been established fix the back plate assemblies (APAC 15/22) along this route at minimum intervals of 0.75 metres by securing them initially via the central elongated slot in the back plate using a screw length applicable to background material. Whist care should be taken that the assemblies remain in line with each other (use cover as a guide if required) the design of the product will allow small adjustments to be made before final installation of cover. Do not overtighten the screw to allow for these small positional adjustments (if required) and to also facilitate the independent movement of the pipe clips prior to their final fixing.
2. Determine the required centring of the pipework, taking into account (in the case of plastic pipe systems) any accessories (couplers etc.) that may need to be accommodated. Once the final positioning of the pipe clips has been confirmed, secure both clips via their pilot holes into the building fabric. Where possible, a small gap should be maintained between the pipe clips and the side wall of the back plate to allow for independent movement of the back plate.

3. Consideration should be given at this stage to any additional support of the pipework required (see above) and if necessary this should be provided in between the back plate mountings.
4. Install the pipework into the clips and secure into position by 'clicking' the hinged lid of the pipe clip into position.
5. The cover (APAC 1) can now be offered to the back plates, any small misalignments being accommodated by the independent movement of the back plates in relation to the fixed clips. Loosen off the screw in the elongated slot if necessary, to facilitate this.
6. Secure the back plates into their final position to the building fabric by tightening the screw in the central elongated slot. This will prevent any slight 'side to side' movement of the cover in final assembly.
7. Mount the cover profile (APAC1) on to the back plates by pressing the cover firmly into position at each back plate location ensuring that no part of the back plate remains visible in final installation.
8. A range of PVC-u moulded accessories are available to facilitate the various direction changes likely to be encountered, these should be secured into position onto the cover profile using solvent weld adhesive (ADH).

Covering Existing Exposed Pipework

1. Existing pipework can be accommodated within the APAC system providing the outer dimensions of the existing installation do not exceed 53mm (wide) x 32mm (High). It should also be noted that copper pipework should not be allowed to come into direct contact with inside surface of the APAC cover profile..
2. Use 'Back Plates only' (APAC1/BP) or remove the clips from the back plate assemblies (APAC 15/22).
3. Slide the back plate behind the existing pipework, there is no need to remove the existing fixings.
4. Locate the pipework within the clips and secure by 'clicking' the hinged lid of the pipe clip into position.
5. Secure the back plate to the building fabric using either the central elongated slot or the features present on the top and bottom of the back plate.
6. Once all back plates are in alignment (small adjustments can be made if the elongated central slot has been used) mount the cover profile (APAC1) on to the back plates by pressing the cover firmly into position at each back plate location ensuring that no part of the back plate remains visible in final installation.