

EASYPIT® CONNECT ACCESS CHAMBER SYSTEM INSTALLATION GUIDELINES

The EasyPIT® Connect system is supplied as complete chambers fully assembled in sizes 300x300mm to 1200x1200mm and in 150mm deep increments. All sections have a knock-out trepan system so that the coring of duct entries/exits is not required.

1. Mark out area for chamber and allow a minimum 250mm on all sides for backfilling with the client specified material.
2. Excavation depth can vary. Excavate allowing for the overall depth of the chamber plus 100mm deep fully compacted MOT Type 1 base material.
3. After the base has been compacted, place the first chamber segment into position and stack additional segments to required finished depth.
4. 110mm ID duct entries/exits are knocked out on external/internal faces by striking with a hammer in the centre of the trepan. Ducting is placed through external chamber walls. 150mm ID twin wall ducts can be cored through the internal/external walls. The lead drill should be positioned 25mm below the joint in two segments. Drill speed should be noted so as not to create heat and buckle chamber walls. 150mm ID entries/exits should not be cut within 150mm of corners.
5. Cable Management Equipment – attach any cable bearers, brackets or step irons to the chamber walls using the nuts, bolts, washers and backplates provided. Alternatively, chambers can be supplied with cable management equipment pre-installed to site specific positions. Please note, chamber equipment cannot be retro-fit, once chamber has been installed.
6. Prior to backfilling strutting is required for chambers at 900x900mm and above.
7. Backfilling - Using the specified client material backfilling to be carried out in Max 300 mm deep increments. MOT Type 1 to be compacted as required. For D400 applications, a minimum 150mm C40 concrete surround would be required.
8. Cover and Frame - Once the chamber has been backfilled the frame can be placed on top of the installed chamber. An acceptable bed of Mortar (to be specified by client) is placed on the top of chamber and the frame and levelled off. Once the mortar has set the struts can be removed and the cover placed in the frame.

Note: These guidelines suggest the acceptable methods for installation of EasyPIT® Access Chambers. These are guidelines only and are not intended for any specific construction project or installation. Advanced accept that there are alternative ways that might be required and/or recommended based on site or project specific conditions.