

## INSPECTION CHAMBERS (POLYPROPYLENE)

**FloPlast** 300mm Mini Access Chamber and 450mm Large Inspection Chamber offer an alternative to traditional manholes and may be used in depths of up to 600mm for the MAC, 1200mm and 3000mm for the Large Inspection Chamber.

### 300mm Mini Access Chamber (MAC)

**FloPlast** innovative design for the MAC, brings unrivalled flexibility to the underground drainage market.

The MAC has flexible connections for all inlets allowing a 10° movement in any direction.

This is of great assistance to the installer where the connecting pipes are not perfectly aligned with the MAC inlets. In many instances it will eliminate the need to install an extra bend and provide a saving on the cost of the installation.

In addition, the variety of inlet combinations available on the **FloPlast** Mini Access Chamber and the choice of two chamber risers, 100mm and 200mm, provide installers

with a significant advance in the ease of which they can plan and install their drainage system. The MAC base is designed to facilitate

the stacking of bases on top of one another to give a space saving storage solution for the merchant stockist.

In summary, the **FloPlast** Mini Access Chamber design and flexibility provides a practical, innovative and cost effective solution for the provision of access in a drainage system.

BS EN 13598 - 1: 2010 Plastic Inspection Chamber for drainage.

UK Patent No. GB2357127.

### 450mm Diameter Large Inspection Chamber (LIC)

**FloPlast** product innovation is again demonstrated with its 450mm Diameter Large Inspection Chamber.

To comply with the changes to Approved Document H of The Building Regulations 2000, significant research and development has gone into the design of this unique product. The chamber base incorporates five 110mm flexible inlets, which allow 10° of movement in any direction.



The plastic cover and frame can take loadings of up to a maximum of 35kN. Should the connection of D930/D931 cover and frame be required directly to the base D900/D910, then riser D915 must be used and cut to suit, by cutting just above the bottom most large flange/rib.

(Please ensure sealing rings are used in conjunction with each riser section).

**FloPlast** installation details are concise, however they are provided as general guidelines only.

**FloPlast** recommend that reference should be made to the appropriate Codes of Practice for Underground Drainage Systems.

European Standards BS EN 752: 1997 Drain and sewer systems outside buildings and BS EN 1610: 1998 Construction and testing of drains and sewers, have been introduced. These have replaced British Standards BS8301 (Code of Practice for Building Drainage).



## Useful Measurements for Installation of MAC & LIC

	Mac	inc' Lid
Base only	270	300
Base + one riser (100mm)	370	400
Base + one riser (200mm)	470	500
Base + (1 x 100 x 1 x 200) risers	570	600

LIC Invert Depth (mm)	270	305	740	975	1210	1445	1680	1915	2150	2385	2620	2855	3090
Number of Risers Required	Base only	1	2	3	4	5	6	7	8	9	10	11	12
Cover required	(D930) 450mm opening up to a maximum of 1200mm						(D931) 350mm opening up to a maximum of 3000mm						