

Domestic Access Shafts

For wastewater and stormwater systems

Domestic Drainage

Marley Domestic Access Shafts are not large enough for man-entry but allow the drain to be reached by a person laying on the ground to clear drain debris.

Domestic Access Shafts have been designed to offer easier and more economical alternatives to traditionally constructed methods.

Manufactured in tough polypropylene and polyethylene material they are impact resistant and are simple and straight-forward to install.

The Access Shaft risers are designed for simple dry-jointing to provide instant watertight joints. Having strengthening ribs and webbing, raising pieces can be simply built up to the required overall height between base and cover.

Domestic Access Shaft 230/100 is suitable for depths up to 0.6m maximum.

Domestic Access base unit has 100 mm inlets at 45°.

Domestic Access Shaft 450/100 may be laid to depths of 1.2m maximum.

100mm + 150mm outlet/inlet option available.

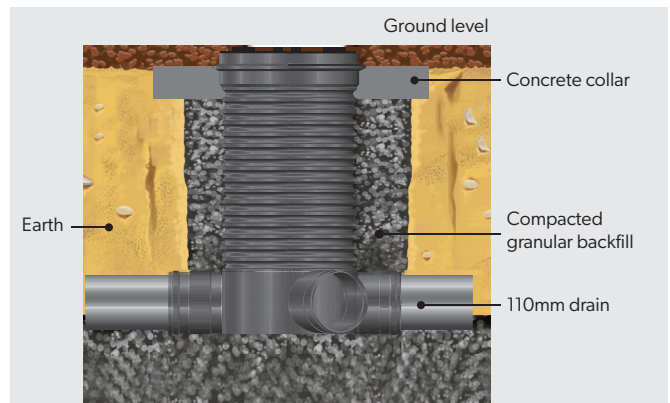
The dimensions of Domestic Access Shafts are large enough to allow standard rodding, clearance of debris and inspection access for drain size up to 150mm.

Installation Instruction

The Domestic Access Shafts must be installed according to Marley instructions.

- When making the joint the pipe must be well chamfered, de-burred, cleaned and lubricated using the recommended lubricant. The pipe is pushed into the socket seal allowing a clearance for subsequent expansion, ie the pipes should be pushed home fully and then withdrawn by 10mm.
- Backfilling is carried out using suitable granular material up to a level of 100mm above the crown of the inlet/outlet pipes, and is continued in well compacted layers not more than 300mm.
- Care must be taken to avoid excessive deformation of the Access Shaft wall.
- During backfill, the Access Shaft should be covered.

- Domestic Access Shafts are designed for non loading private areas (Class A-10KN/1t AS 3996). If loading is required, different installation must be applied.
- A concrete collar is placed to secure the frame.



DOMESTIC SHALLOW ACCESS SHAFT 230/100

Configuration	Invert	Height
Base only		189
Base & 1 riser		394
Base & 2 risers		600

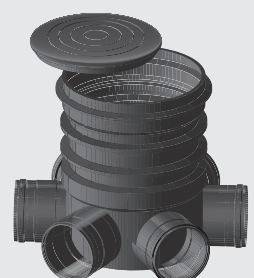
HSB.100.230



DOMESTIC INSPECTION ACCESS SHAFT 450/100

Configuration	Invert	Height
Base only		280
Base & 1 riser		444
Base & 2 risers		608
Base & 3 risers		772
Base & 4 risers		936
Base & 5 risers		1100

HIB.100.450



For further information: 0800 MARLEY (0800 627 539) www.marley.co.nz