



Poly-pit access chambers



The construction and installation of Access Chambers for hydrants, valves and meters has been greatly improved by the latest developments in modular chamber sections.

Poly-pit sections are manufactured from high-grade recycled plastics. They have full EU approval for traffic loading (EN 124 graded) and are light and easy to use.

IPL group stocks a range of sizes to suit standard valve covers, frames and boxes (marker posts, frames and covers also held in stock). **Poly-pit** modular chamber sections can be produced to non-standard sizes on request, enquiries welcome: [complete size range: 200mm x 200mm to 2000mm x 1000mm]

easy to install

FEATURES BENEFITS

Modular system of moulded interlocking sections provides maximum sheer strength and support. The concave outer wall design gives ideal backfill anchorage. Careful selection and composition of high quality materials optimises overall compressive strength. The **Poly-pit** is designed and built for use in applications up to Grade D traffic loads. It is compression and side wall tested to dynamic loads of 40 tonnes and approved to BS 5834 / EN 124 standards.

lower handling costs

immediate dynamic loading on completion

Quick & Easy Installation

- ▶ construction team kept to a minimum & job completed in one visit
- ▶ light weight means reduced injury risks

Less Disruption & Time Wasted

- ▶ immediate dynamic loading on completion
- ▶ road closure kept to a minimum

Improved Cost Saving

- ▶ light weight means higher storage density & lower transport costs
- ▶ huge reduction in installation & time costs as compared to concrete

High Material Specification

- ▶ life expectancy far exceeds concrete
- ▶ frost-resistant & non-absorbent
- ▶ chemical spill resistant

On-Site Flexibility

- ▶ modular system - can be cut, drilled and screwed together on-site to suit existing pit size & depth



IPL group

Industrial Plant Ltd.
Innovative Products Ltd.

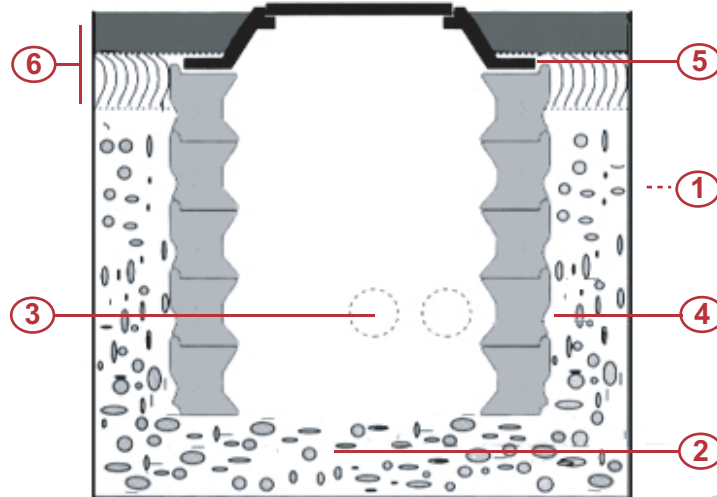
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Poly-pit access chambers



easy
to install

installation instructions...



1 EXCAVATION

Allow clearance as per HAUC
(to suit compaction equipment).

2 BINDING LAYER (if required)

100mm deep to include sump in
accordance with civil specifications,
(lean mix concrete may be used).

3 HOLES

Up to 225 Ø, 75mm from corners,
25mm apart, 95% of ring area may
be removed at 350mm depth from
cover. Rectangular apertures up
to 50% of ring area (max. 300 x 300)
may be cut in 2 opposite ends.

4 BASE SECTION & BACKFILL

Place base section firmly on base.
Set level to achieve correct finish level.
Use MOT Type 1 granular material.
Hand compaction permissible for
narrow trenches.

5 FRAME

Use compatible cover to suit
application. Position frame within
male rebate of Poly-pit.

6 REINSTATEMENT

Base and wearing course to be placed
in accordance with civil specification
and HAUC Yellow Book requirements.

Surface levelling / camber or tilt adjustment

Wedges are available to take a variation of between 1 & 14mm

to order:

tel: 041 983 2591

fax: 041 983 2599



Ductile-Iron EN124 (Kitemark certified)
surface covers also available

orbital™

ACCESS COVERS AND GRATINGS

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