Formaflo 450
F5002 Data Sheet

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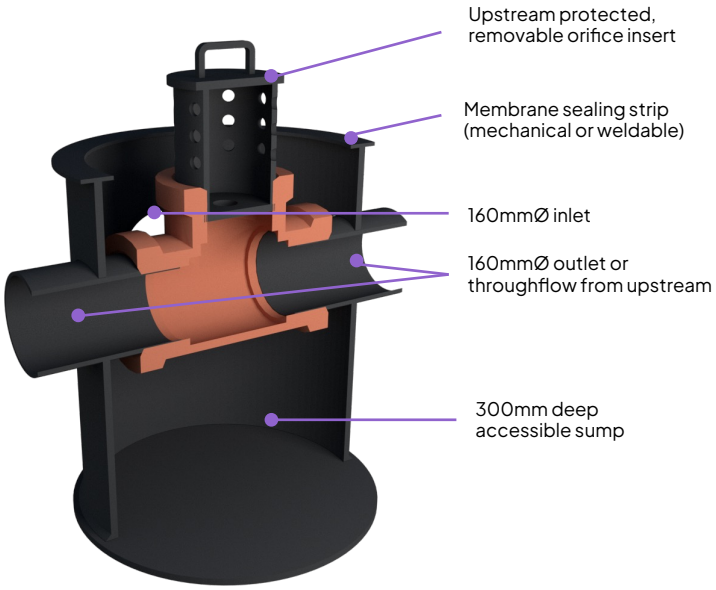
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Introduction

The Formaflo flow control chamber is specially developed to control water discharge from a Formavoid raft using an upstream protected, removable orifice plate. The chamber is fully accessible for maintenance and situated below formation, terminating at formation level with a convenient rim for sealing membrane to. Stormwater flows directly from the Formavoid raft into the open top chamber, acting like a plughole.

The Formavoid raft is neatly cut to the provided quad collar (FX003) leaving an opening around the Formaflo chamber for water flow. A cover & frame is built on the Formavoid as per the application detail on page 3.



Formaflo flow control	
Product Code	F5002
Material	High Density Polyethylene
Diameter	450mmØ
Depth	620mm
Sump Depth	300mm
Nr Connection Spigots	4
Connection Spigot Outside Diameter	160mmØ to suit standard push fit or electrofusion fittings.
Included Parts/unit	Chamber unit, flow control insert, quad collar (FX003) & 3no. Removable end caps.
Backfill specification	150mm thick GEN3 concrete base and chamber surround in trafficked areas.
Max. drained area per chamber	2,000m²

Key Applications

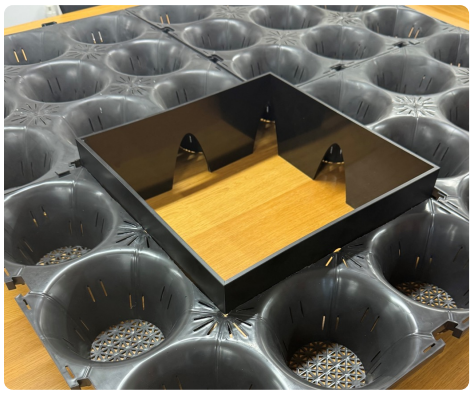
- Fully accessible for maintenance.
- Removable orifice plate for cleaning.
- Located beneath Formavoid raft to ensure the system empties.
- Small diameter shallow component.
- Suitable for heavy traffic applications.

Key Benefits

- Subbase attenuation outlets.
- Checkdam micro-catchment outlets.
- Subbase surcharge inlet (from RWP or similar).

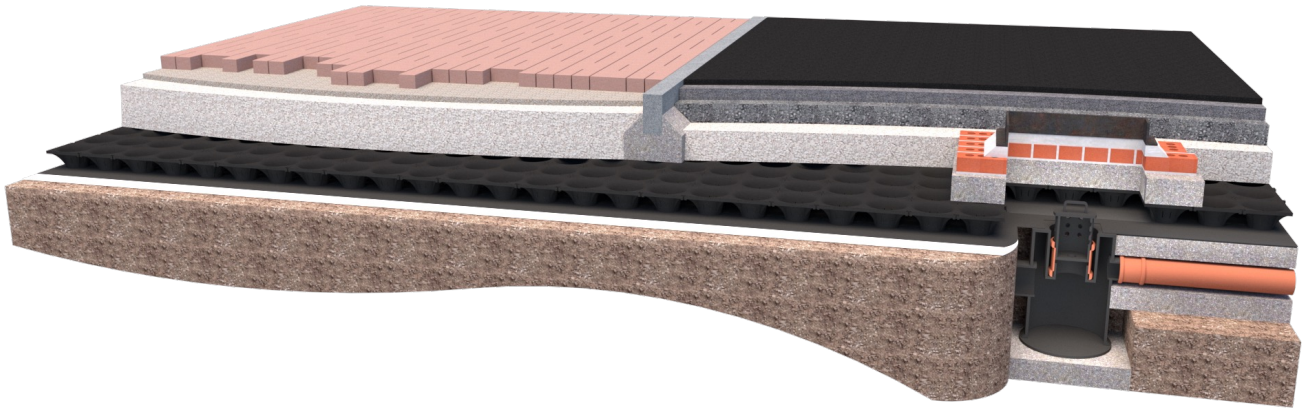
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Maintenance

It is recommended to inspect Formaflo flow control chambers at least every three months, and when standing water is present for prolonged period of time.

Appropriate removal/remedial action should be taken if excess silts or debris are identified during inspection.

Further to the above, it is recommended to evacuate chambers every 12 months.

Notes

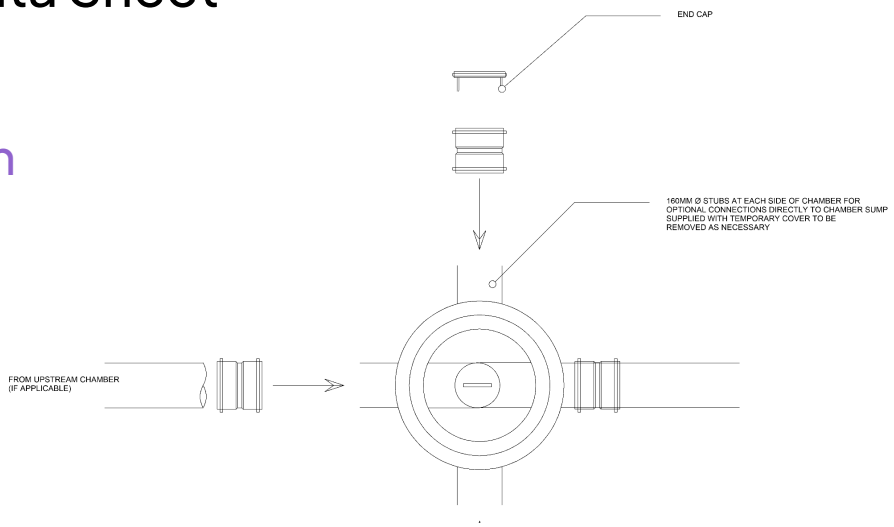
- Formavoid quad collar (FX003), flow control insert & end caps are included as standard with each Formaflo unit purchased.
- Brickwork, cover & frame not included.
- Backfill with 150mm thick GEN3 concrete base and surround for trafficked areas, or to engineers' specification.
- Orifice diameter bespoke to project design flow rates.

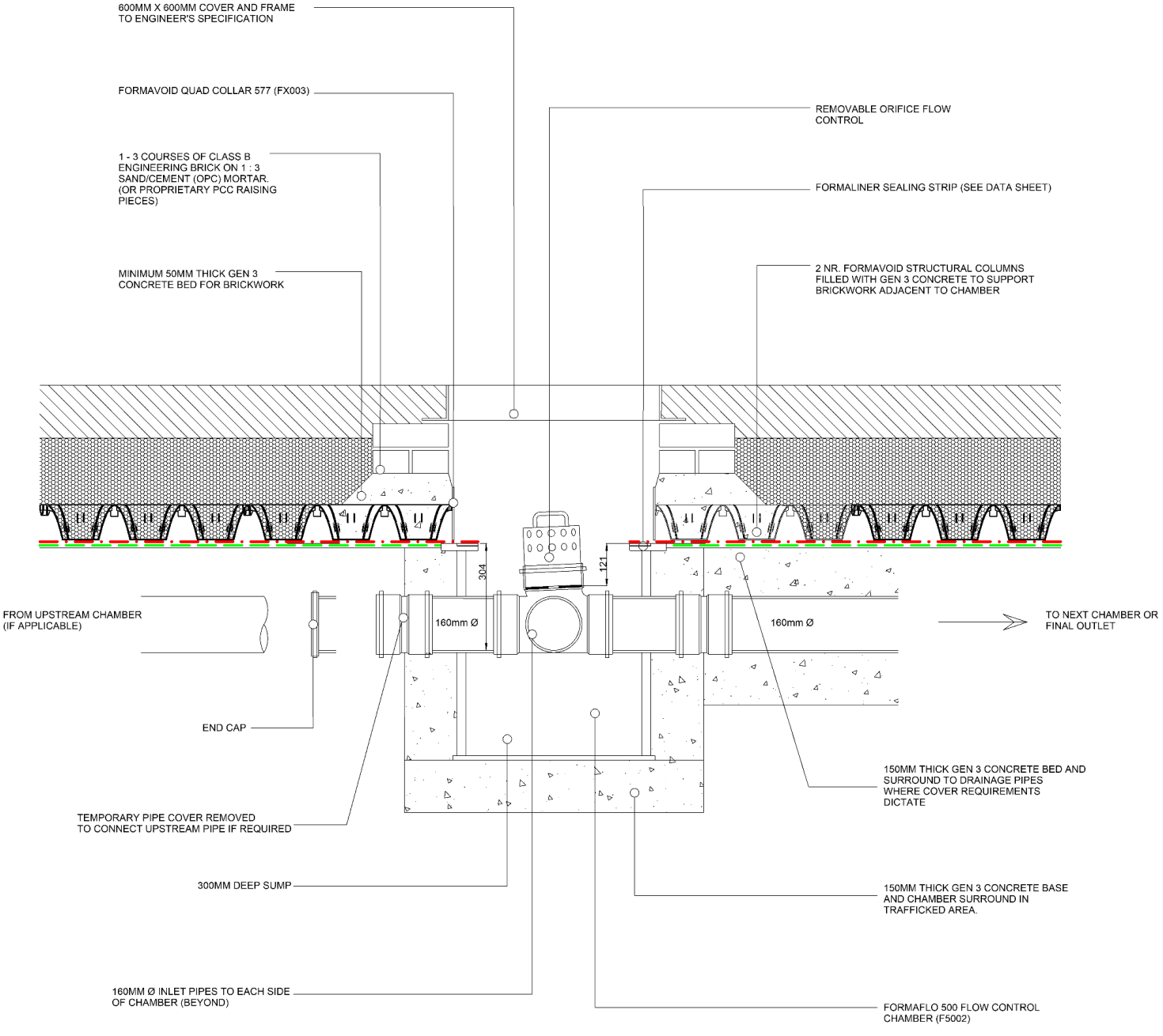
Packaging	
Pallet Size	1.2m x 1.2m x 1.86m
Max. Pallet Capacity	12 units
Max. Pallet Weight	180kg
Packaging	Plastic banding & shrink wrap

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Application





Document Ref	Revision	Revision Date
F5002-DS	01	30.01.2026

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