TRIO·IC
MODEL : **AIC225600TB**

PRODUCT DATA SHEET

Ø320

600RCMD
Restriction cap

Ø600

1070

A

C

B

Product Code	Main channel pipework Ø	Side Inlets Ø	Overall Depth A	Inlet Invert B	Soffit Depth C	Approx. Weight
	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
AIC225600TB - Base only	225	2 x 225	605	553	328	10
AIC225600T1SP	225	2 x 225	1045	993	768	24
AIC225600T15SP	225	2 x 225	1500	1448	1223	32.5
AIC225600T20SP	225	2 x 225	1955	1903	1678	41
AIC225600T24SP	225	2 x 225	2410	2358	2133	50
AIC225600T30SP	225	2 x 225	2995	2943	2718	61

Please Note:
- Pipe seals are not provided with these chambers. Specific pipe seals from manufacture must be used.
- Chambers deeper than 1000mm to soffit of pipework, require a Restriction Cap 600RCMD to comply with DCG.

600 SERIES

INSPECTION CHAMBER
FOUL & SURFACE WATER SYSTEMS

Ø600mm - Factory built inspection chambers, delivered to site as single piece units, ready to install, with no assembly required.

All chambers feature a durable, impact resistant, rota moulded base, which has the unique ability to connect to three different Ø225mm structured pipe systems - UltraRib, Polysewer and Marley Quantum.

The base has a Ø225mm main channel, which is supplied open (as shown opposite). There are two further Ø225mm side connections, which have blind ends, that can be cut off for use on site, if required.

APPLICATION
- Above ground access for inspection and maintenance of foul & surface water pipe systems
- Suitable for Adoptable and Non-Adoptable applications
- Maximum installation depth to soffit of pipe - Adoptable 3000mm and Non-Adoptable 3000mm

COMPLIANCE
- Design & Construction Guidance (DCG) - Type D & E Chambers

FEATURES
- Unique base design that accepts 3 different Ø225mm structured pipe systems - UltraRib, Polysewer & Marley Quantum
- Reducers are available to connect to Ø150mm UltraRib, Polysewer & Marley Quantum and 160mm EN1401 single wall pipe
- Rota Moulded LLDPE base - chemical and impact resistant
- Base and five standard depths available
- Stepped base - 53mm step from side to main channel, to meet DCG requirement for Adoptable Sewers
- Restriction Cap available to reduce access to Ø320mm to comply with DCG - Design & Construction Guidelines for deeper chambers
- Reduction Cap available (As detailed opposite)
- Access shafts are easily cut onsite to required depth
- Chambers can be installed in granular backfill

REDUCERS

There are three reducers available for reduction to Ø150mm from all of the 3 specific 225mm structured pipe systems -

Product code:

PSMQR225150 — Reducer to Ø150mm Polysewer & Quantum
URR225150 — Reducer to Ø150mm UltraRib
PSMQURR225160 — Reducer to Ø160mm EN1401 single wall pipe

REDUCTION CAP

The **600450RC** Reduction Cap, reduces the Ø600mm access to Ø450mm, which allows for the **450ACSRA** access cover to be fitted. This cover has a built in restriction of Ø350mm, to meet DCG.

Ø350

ACCESS COVERS

There are two access covers available for these chambers. Both covers are lightweight and can be handled and installed by a single person.

Product code:
600ACSB125

Square section composite access cover

Class BS EN 124-B125, suitable for loading up to 12.5 tonnes

Product Weight - 12kg

Please Note: The frame of this cover must be supported by a concrete plinth.
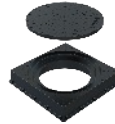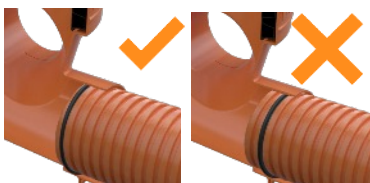
Product code:
450ACSRA

450mm square section with integral Ø350mm restricted access for use with 600450RC

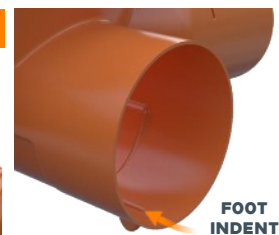Class BS EN 124-A15, suitable for loading up 1.5 tonnes

Product Weight - 14kg

INSTALLING PIPES & SEALS

FOOT INDENT

When installing the structured pipe into the Trio chamber, you must ensure that the pipe seal is located between the first and second rib of the pipe, as shown above.

Also ensure that the seal is pushed past the base foot indent within the pipe socket .

PRE - ASSEMBLED CHAMBERS

NO PLANT OR LIFTING EQUIPMENT REQUIRED

LIGHTWEIGHT, QUICK & EASY TO INSTALL

DCG DESIGNED TO ADOPTABLE STANDARD

60 YEAR DESIGN LIFE

MADE IN THE UK

ACCESSO — CHAMBER MADE —

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