

Type 96 Pit

Length	*995mm*	*L W*	*Up to*
Width	*695mm*	*D*	*920mm (1 riser)*
Depth	*620mm*		*1,220mm (2 risers)*

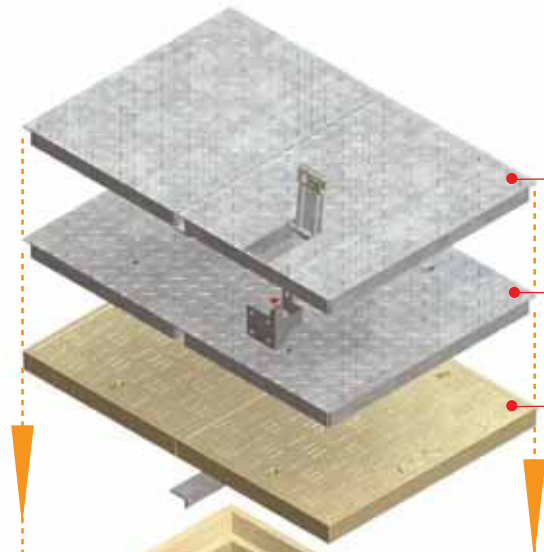
Product Selection Steps

Once pit type is determined:

1. **Determine if riser(s) is required.**
2. **Select lid or access cover (adds additional depth) to suit project application.**

POLYMER CONCRETE

Lids



Steel **PowerLok®** 2-part lid (AS 3996 Class B) AS/NZS 4586 Slip Resistance Rating R10. IP2XD (AS 60529) protection against ingress of foreign objects when hatch is closed.

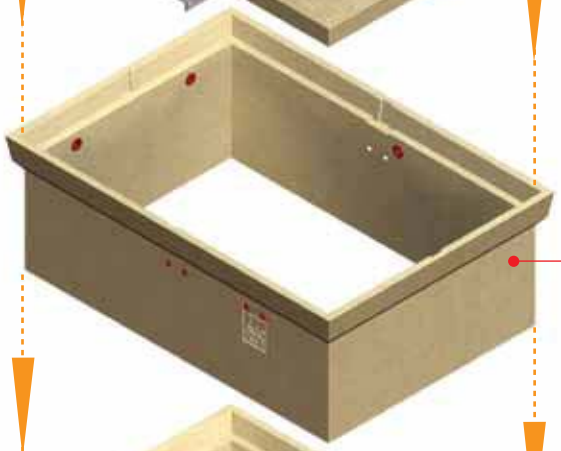
Steel 2-part lid (AS 3996 Class B) AS/NZS 4586 Slip Resistance Rating R10. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

Polymer concrete 2-part lid (AS 3996 Class A) AS/NZS 4586 Slip Resistance Rating R10. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.



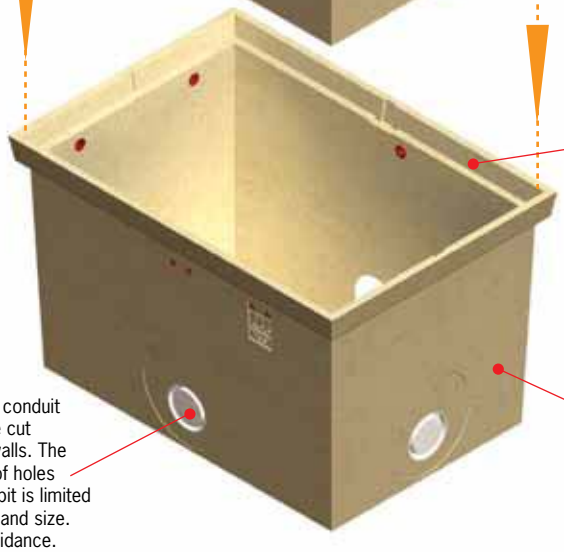
Note: Access covers fit above pit/riser, refer to pg 80 for installation guidelines.

Riser



Optional riser to increase pit depth, riser rebate is identical to pit rebate and with lid, offers the same IP protection. Can be cut to required height. ACO recommends no more than 2 risers. Each riser adds 300mm depth.

Pit



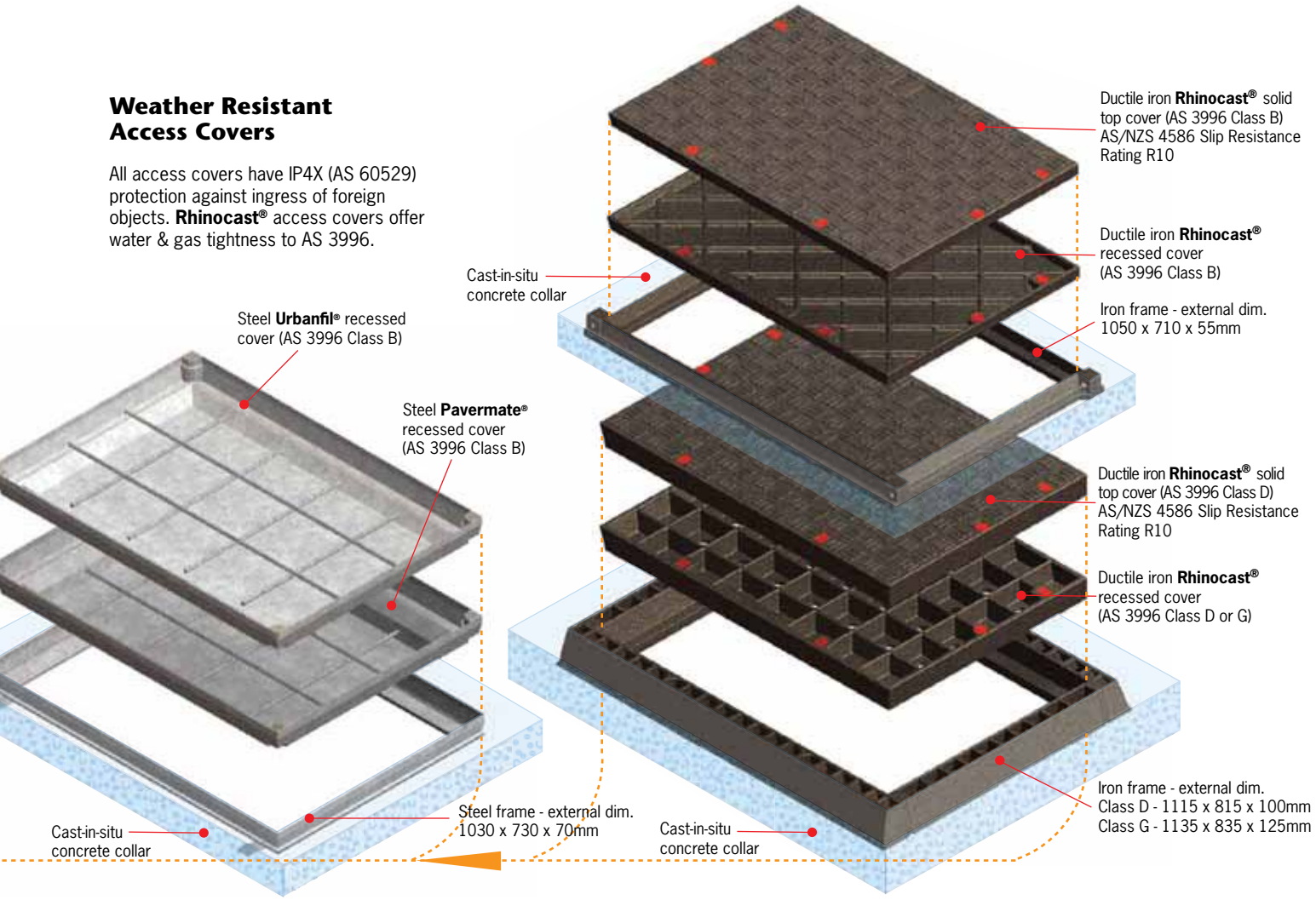
Lids fit into rebate at top of pit, whilst access covers must be installed in a cast in situ concrete collar.

Holesaw guides for conduit entry - holes can be cut anywhere on side walls. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

Polymer concrete pit construction offers excellent strength to weight ratio, excellent electrical resistivity, low porosity, and high resistance to chemicals, weathering, biological attack.

Weather Resistant Access Covers

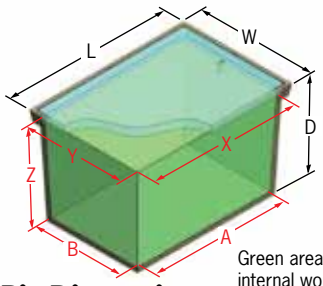
All access covers have IP4X (AS 60529) protection against ingress of foreign objects. **Rhinocast®** access covers offer water & gas tightness to AS 3996.



Type 96 Pit Parts List[6]

Description	Part No.	Weight (kg)	
Type 96 polymer concrete pit	**74429**	95	
Type 96 polymer concrete riser (adds 300mm to pit depth)	**74463**	55	
Lids & Covers		**Cover[1]**	**Total**
Polymer concrete 2-part lid (AS 3996 Class A) - Blank[2]	**74560**	22	46
Polymer concrete 2-part lid (AS 3996 Class A) - Communications[2]	**74555**	22	46
Polymer concrete 2-part lid (AS 3996 Class A) - Electricity[2]	**74550**	22	46
Steel 2-part lid (AS 3996 Class B)	**79620**	15	30
Steel **PowerLok®** 2-part lid (AS 3996 Class B)[2, 3]	**79630**	20	39
Steel **Urbanfil®** recessed cover (AS 3996 Class B)[4]	**82018**	21	30
Steel **Pavermate®** recessed cover (AS 3996 Class B)[4]	**81364**	22	30
Ductile iron **Rhinocast®** recessed cover (AS 3996 Class B)[5]	**85078**	57	83
Ductile iron **Rhinocast®** solid top cover (AS 3996 Class B)[5]	**85253**	57	87
Ductile iron **Rhinocast®** recessed cover (AS 3996 Class D)[5]	**89072**	88	149
Ductile iron **Rhinocast®** solid top cover (AS 3996 Class D)[5]	**89276**	102	165
Ductile iron **Rhinocast®** recessed cover (AS 3996 Class G)[5]	**87075**	180	266

Notes:
1. Lid & access cover weights are provided as lifting weight (individual cover parts) and total weight. Recessed cover weights do not include pavement infill; for approx. lifting weight - **Urbanfil®/ Pavermate®** covers - multiply weight by '7'; **Rhinocast®** covers multiply weight by '1.5'.
2. All lids are supplied with brackets and support bars where applicable.
3. **PowerLok®** lids supplied with locking bolt (padlock not supplied).
4. Optional brass edging (Specify 'BE' after part number).
5. Optional locking, brass or stainless steel edging in 12mm or 40mm heights (Specify 'BE' or 'SS' and height after part number).
6. For Accessories (e.g. identification plates, divider brackets, cable hanger brackets see pg 43).



Green area indicates internal working area

Pit Dimensions

Internal working area	(mm)
A	850
B	555
X	900
Y	600
Z	550
Overall dimensions	**(mm)**
L	995
W	695
D	620

Notes:
1. Using risers will increase pit depth (Z & D) by depth of riser.
2. Access covers will increase depth of pit by height of concrete collar - allowance should be made for concrete collar during pit installation. See pg 82 for excavation details.