Type 77 Pit

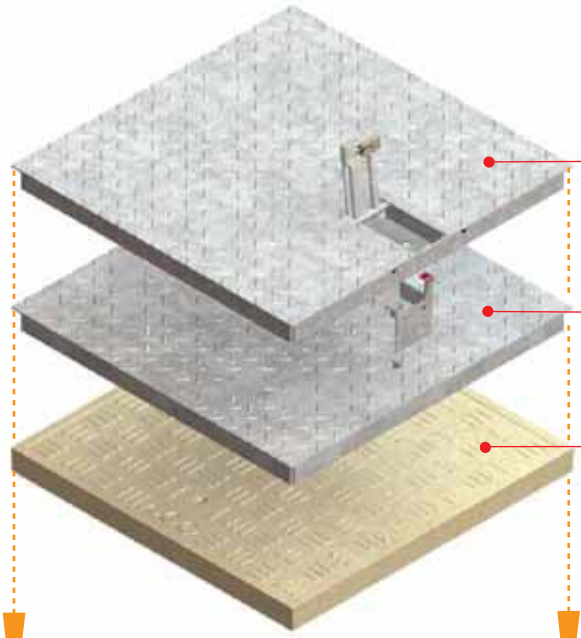
Length	*710mm*	L W D
Width	*710mm*	
Depth	*660mm*	*Up to 960mm (1 riser)*

Product Selection Steps

Once pit type is determined:

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

Lids



Steel **PowerLok®** lid (AS 3996 Class B). Slip Resistance Rating R10 AS/NZS 4586. IP2XD (AS 60529) protection against ingress of foreign objects when hatch is closed. (Fitting instructions are supplied with lid.)

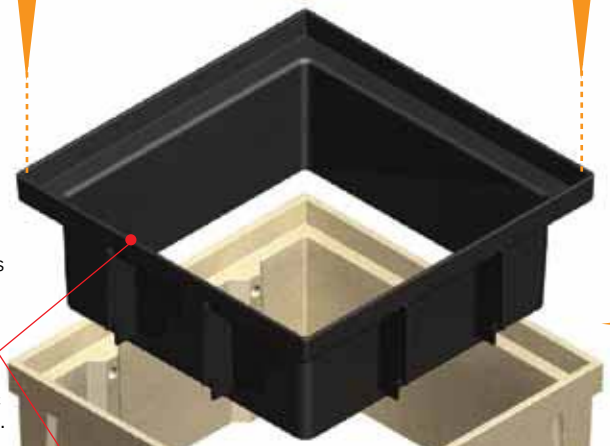
Steel lid (AS 3996 Class B). Slip Resistance Rating R10 AS/NZS 4586. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

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



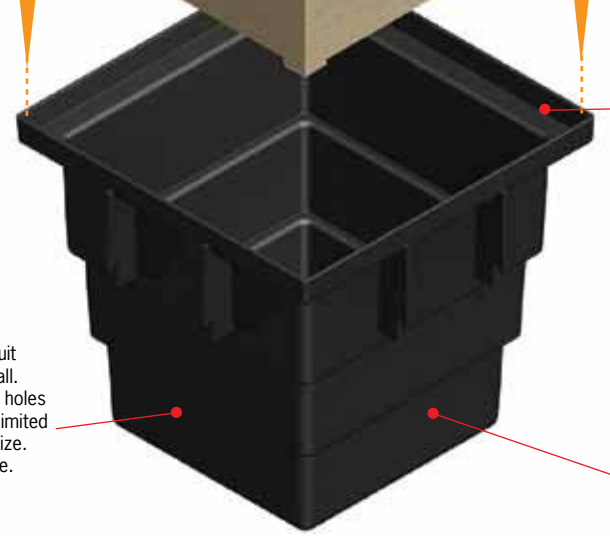
Risers

Optional risers to increase pit depth, riser rebate is identical to pit rebate and with lid, offers the same IP protection. To produce plastic riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. Plastic riser adds 200mm depth. Polymer concrete riser adds 300mm depth.



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

Pit



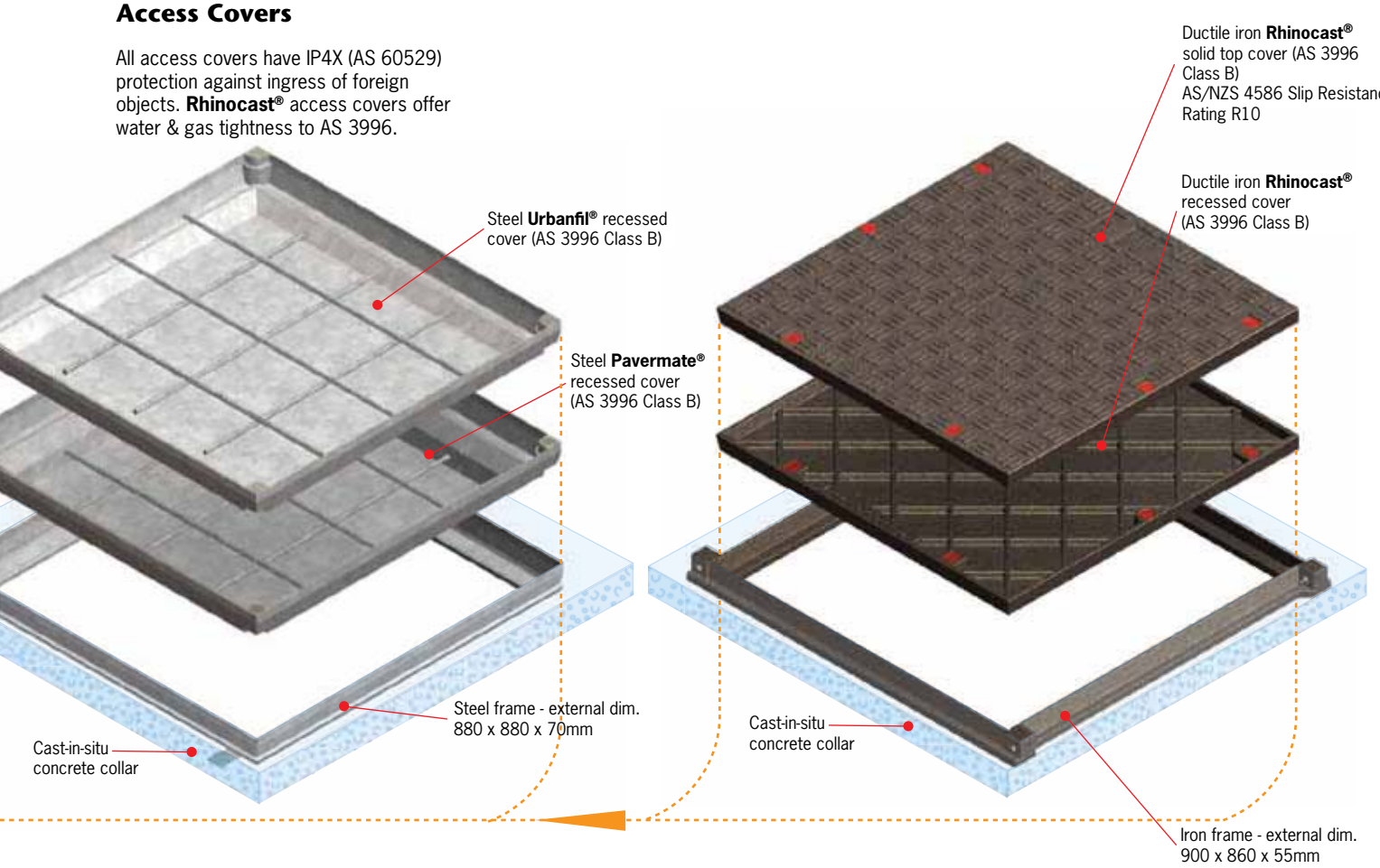
Lids fit into rebate at top of pit, whilst access covers must be installed in a cast in situ concrete collar.

Use holesaw to cut conduit hole anywhere on side wall. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

Plastic pit construction offers an economic pit solution for light duty applications. Plastic also offers excellent electrical resistivity.

Weather Resistant Access Covers

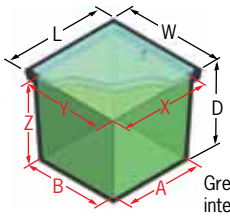
All access covers have IP4X (AS 60529) protection against ingress of foreign objects. **Rhinocast®** access covers offer water & gas tightness to AS 3996.



Type 77 Pit Parts List[6]

Description	Part No.	Weight (kg)	
Type 77 plastic pit	**76344**	13	
Type 77 polymer concrete riser (adds 300mm to pit depth)	**76368**	47	
Lids & Covers		**Cover[1]**	**Total**
Polymer concrete lid (AS 3996 Class A) - Blank	**76382**	31	31
Polymer concrete lid (AS 3996 Class A) - Communications	**76396**	31	31
Polymer concrete lid (AS 3996 Class A) - Electricity	**76409**	31	31
Steel lid (AS 3996 Class B)	**77720**	20	20
Steel **PowerLok®** lid (AS 3996 Class B)[2, 3]	**77730**	25	25
Steel **Urbanfil®** recessed cover (AS 3996 Class B)[4]	**81601**	24	32
Steel **Pavermate®** recessed cover (AS 3996 Class B)[4]	**81372**	25	33
Ductile iron **Rhinocast®** recessed cover (AS 3996 Class B)[5]	**85061**	60	87
Ductile iron **Rhinocast®** solid top cover (AS 3996 Class B)[5]	**85274**	60	91

Notes:
1. Lid & access cover weights are provided as lifting weight (individual cover parts) and total weight. Recessed covers weight 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 additional fitting instructions and 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	465
B	465
X	600
Y	600
Z	605
Overall dimensions	**(mm)**
L	710
W	710
D	660

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.

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