

Type 45 Pit

Length	510mm		Up to	
Width	510mm		900mm (1 riser)	
Depth	600mm		1,200mm (2 risers)	

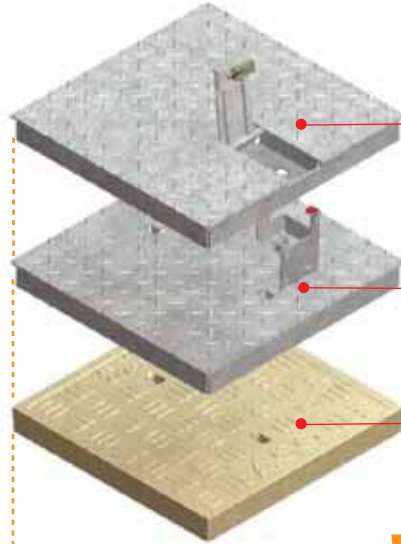
Product Selection Steps

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

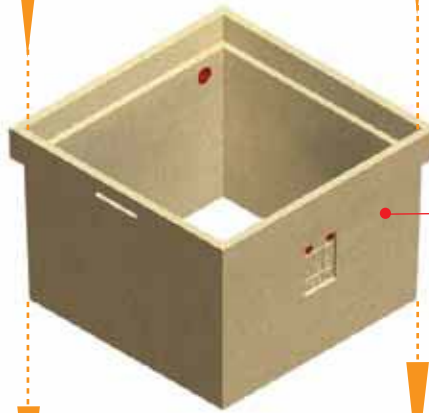


Steel **PowerLok**® lid (AS 3996 Class B)
AS/NZS 4586 Slip Resistance Rating R10.
IP2XD (AS 60529) protection against ingress of foreign objects when hatch is closed.

Steel 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 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.

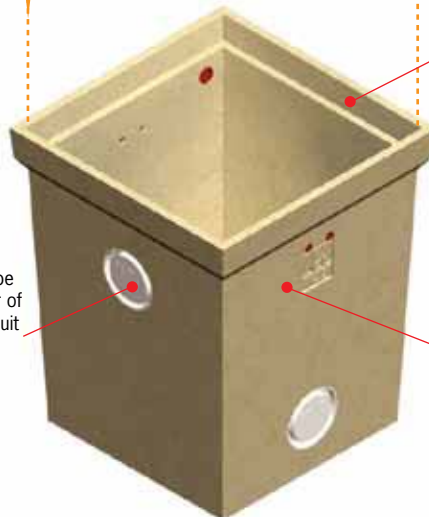
Riser



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

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



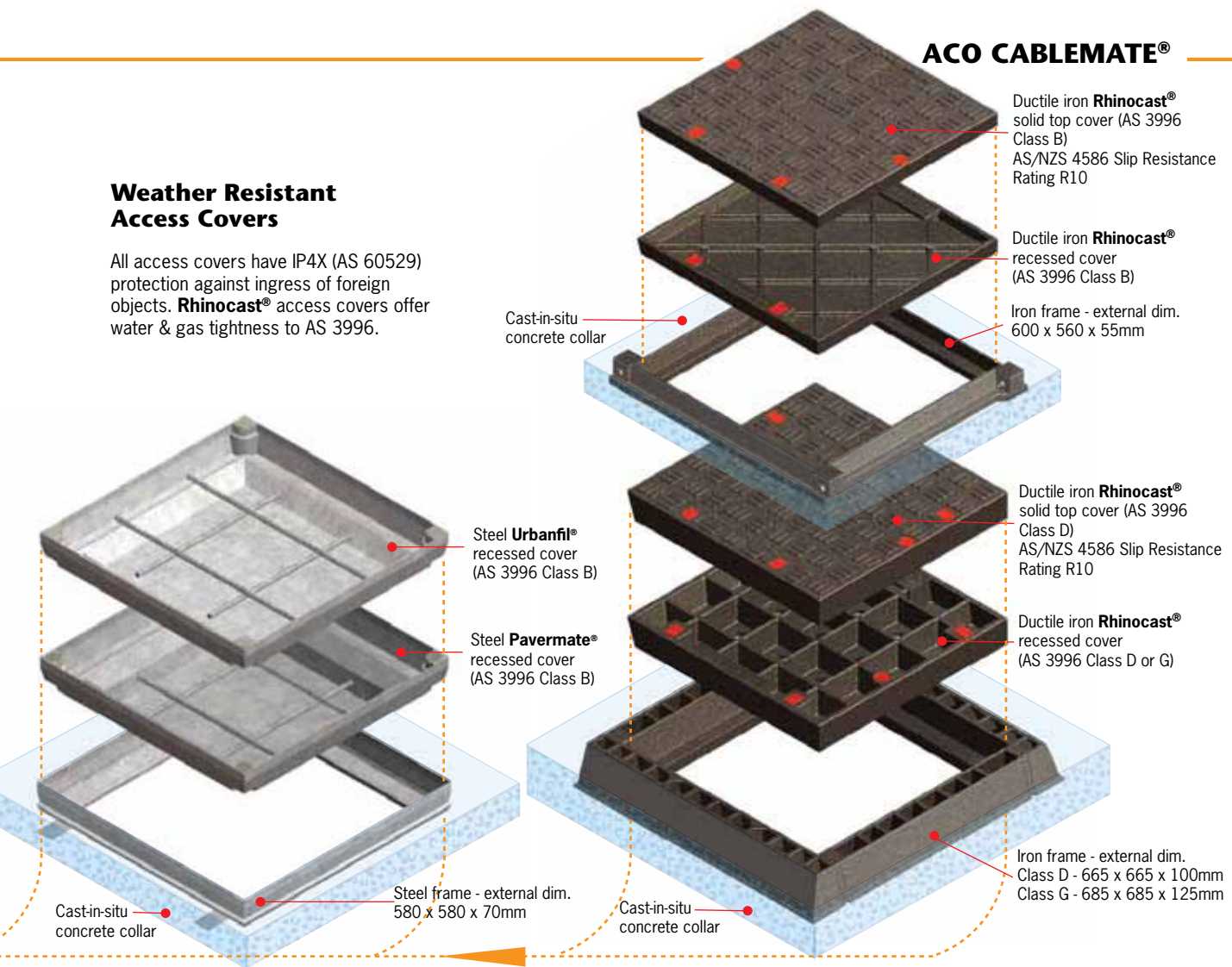
Lids fit into rebate at top of pit, whilst access covers must be installed in a cast in situ concrete collar.

Holesaw guides for conduit entry - holes can be cut anywhere on side walls. 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.

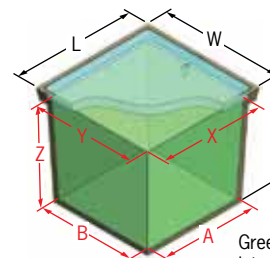


Type 45 Pit Parts List⁶

Description	Part No.	Weight (kg)		
Type 45 polymer concrete pit	75362	45		
Type 45 polymer concrete riser (adds 300mm to pit depth)	75389	26		
Lids & Covers			Cover¹	Total
Polymer concrete lid (AS 3996 Class A) - Blank	75400	15	15	
Polymer concrete lid (AS 3996 Class A) - Communications	75414	15	15	
Polymer concrete lid (AS 3996 Class A) - Electricity	75427	15	15	
Steel lid (AS 3996 Class B)	74521	11	11	
Steel PowerLok® lid (AS 3996 Class B) ^{2,3}	74530	14	14	
Steel Urbanfil® recessed cover (AS 3996 Class B) ⁴	81520	11	16	
Steel Pavermate® recessed cover (AS 3996 Class B) ⁴	81305	12	18	
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ⁵	85014	28	40	
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ⁵	85249	20	44	
Ductile iron Rhinocast® recessed cover (AS 3996 Class D) ⁵	89013	42	83	
Ductile iron Rhinocast® solid top cover (AS 3996 Class D) ⁵	89268	46	86	
Ductile iron Rhinocast® recessed cover (AS 3996 Class G) ⁵	87016	86	138	

Notes:

- 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'.
- All lids are supplied with brackets and support bars where applicable.
- PowerLok®** lids supplied with locking bolt (padlock not supplied).
- Optional brass edging (Specify 'BE' after part number).
- Optional locking, brass or stainless steel edging in 12mm or 40mm heights (Specify 'BE' or 'SS' and height after part number).
- 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	385
B	385
X	435
Y	435
Z	530
Overall dimensions	(mm)
L	510
W	510
D	600

Notes:

- Using risers will increase pit depth (Z & D) by depth of riser.
- 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.