

Polyethylene Moulded Cable Pits

Polyethylene moulded pits are lightweight, easy to cut and feature a ribbed construction for strength and durability. Recommended for light duty applications, they are robust, cost-effective and versatile.

Features

- Polyethylene recyclable plastic contains no toxic heavy metals – safe for the environment
- Ideal for use in light duty installations
- Lightweight, easy to handle & cut for cable entry penetration
- UV stable
- Range of anti-slip lids and access covers
- OH&S friendly steel lids not exceeding 25kg
- IP ratings up to IP4X (AS 60529) - enclosure protection against ingress
- Aesthetic, recessed access covers allowing for the infill of pavement material to complement or match the surrounding pavement
- Steel lids and access covers are hot dip galvanised to AS 4680
- Access covers are weather resistant

Key

These icons appear on the following product pages to easily identify the lid and cover options available with each pit/riser.

-  Plastic pit with lid
-  Plastic pit with riser and lid
-  Plastic pit with access cover
-  Plastic pit with riser and access cover



FEA designed continuous ribs for the efficient transfer of loads.



Versatile pit walls contain cutoffs to alter the depth of the pit.



Fastening provisions for the quick fitting of locking brackets for the **PowerLok**® lid system.

Applications

- *Landscaped areas*
- *Streetscapes*
- *Sports venues*
- *Residential applications*
- *Median strips*





Type 1 Pit

Length 520mm
Width 240mm
Depth 400mm



Up to 600mm (1 riser)

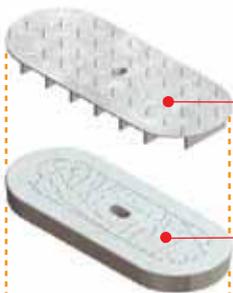
Product Selection Steps

Once pit type is determined:

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

PLASTIC

Lids



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.
If a locking lid is required, contact ACO.

Cement concrete lid (AS 3996 Class A).
Slip Resistance Rating R9 AS/NZS 4586.
IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

Riser



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

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

Pit



Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

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

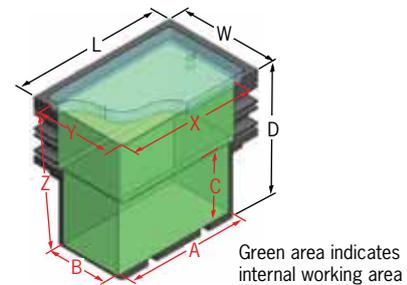
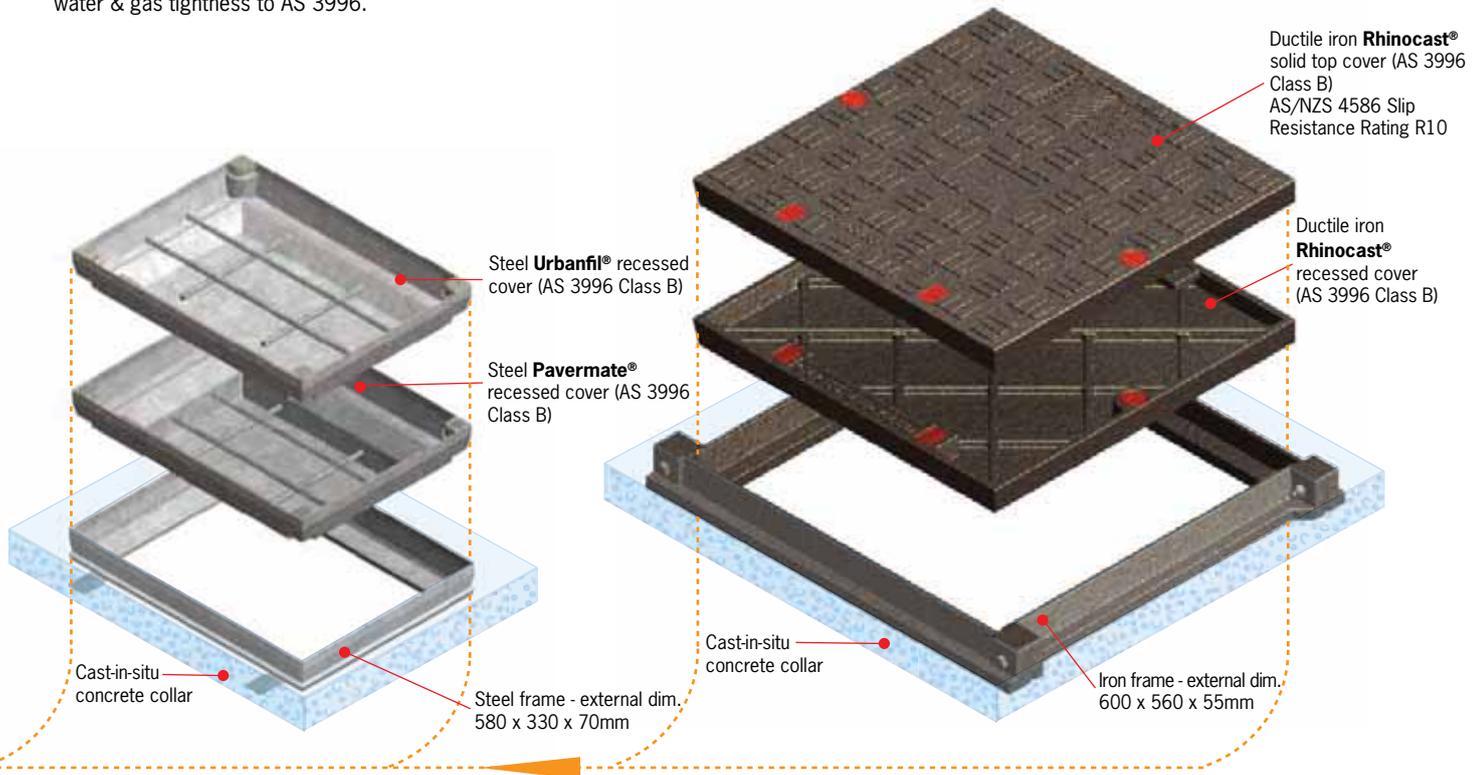
Pit can be cut at specific points to create a shallower pit.

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 1 Pit Parts List⁴

Description	Part No.	Weight (kg)
Type 1 plastic pit	75858	3
Lids & Covers		Cover¹ Total
Cement concrete lid (AS 3996 Class A) - Blank	75860	7 7
Cement concrete lid (AS 3996 Class A) - Communications	75861	7 7
Cement concrete lid (AS 3996 Class A) - Electricity	75862	7 7
Steel lid (AS 3996 Class B)	70120	3 3
Steel Urbanfil® recessed cover (AS 3996 Class B) ²	80150	8 13
Steel Pavermate® recessed cover (AS 3996 Class B) ²	80151	8 13
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ³	85014	28 40
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ³	85249	20 44

Notes:

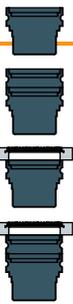
- Lid & access cover weights are provided as lifting weight (individual cover parts) and total weight. Recessed covers weight do not include pavement infill; for approx. lifting weight - **Urbanfil®**/**Pavermate®** covers - multiply weight by '7'; **Rhinocast®** covers multiply weight by '1.5'.
- Optional 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).

Pit Dimensions

Internal working area	(mm)
A	410
B	129
C	200
X	426
Y	146
Z	346
Overall dimensions (mm)	
L	518
W	238
D	400

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.



Type 2 Pit

Length 660mm
Width 290mm
Depth 575mm



Up to 775mm (1 riser)

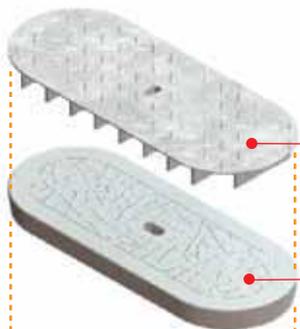
Product Selection Steps

Once pit type is determined:

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

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Lids



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. If a locking lid is required, contact ACO.

Cement concrete lid (AS 3996 Class A). Slip Resistance Rating R9 AS/NZS 4586. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

Riser



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

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

Pit



Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

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

Pit can be cut at specific points to create a shallower pit.

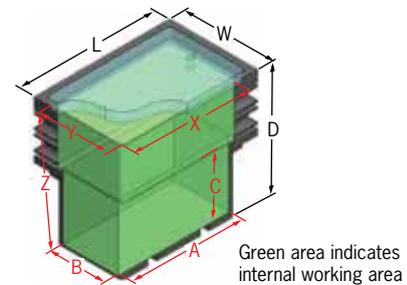
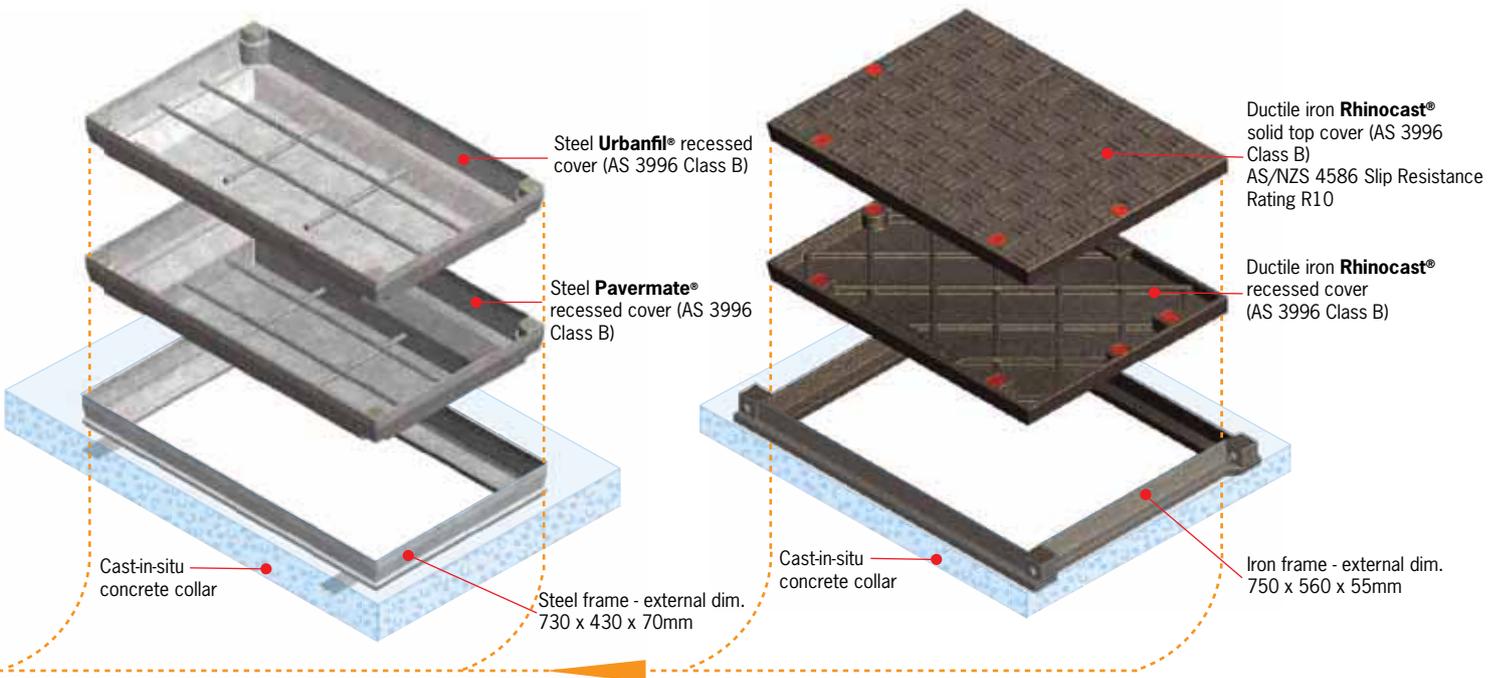
Use holesaw to cut conduit hole anywhere on side wall. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

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 2 Pit Parts List⁴

Description	Part No.	Weight (kg)	
Type 2 plastic pit	75946	6	
Lids & Covers		Cover¹	Total
Cement concrete lid (AS 3996 Class A) - Blank	75948	13	13
Cement concrete lid (AS 3996 Class A) - Communications	75949	13	13
Cement concrete lid (AS 3996 Class A) - Electricity	75950	13	13
Steel lid (AS 3996 Class B)	70220	6	6
Steel Urbanfil® recessed cover (AS 3996 Class B) ²	81225	11	16
Steel Pavermate® recessed cover (AS 3996 Class B) ²	81340	11	16
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ³	85037	28	49
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ³	85236	28	47

Notes:

- 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'.
- 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).

Pit Dimensions

Internal working area (mm)	
A	536
B	166
C	329
X	568
Y	197
Z	521
Overall dimensions (mm)	
L	660
W	290
D	575

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.



Type 3 Pit

Length 565mm
Width 335mm
Depth 530mm



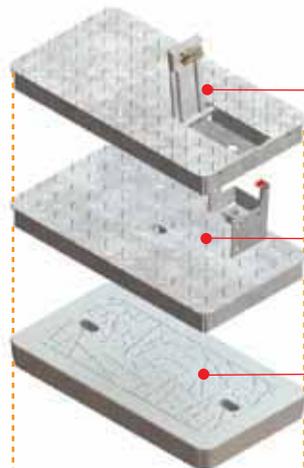
Up to 830mm (1 riser)

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.

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.

Cement concrete lid (AS 3996 Class A). Slip Resistance Rating R9 AS/NZS 4586. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

Riser



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

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

Pit



Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

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

Pit can be cut at specific points to create a shallower pit.

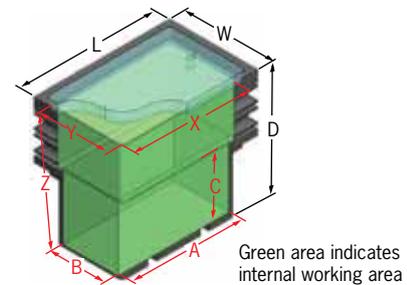
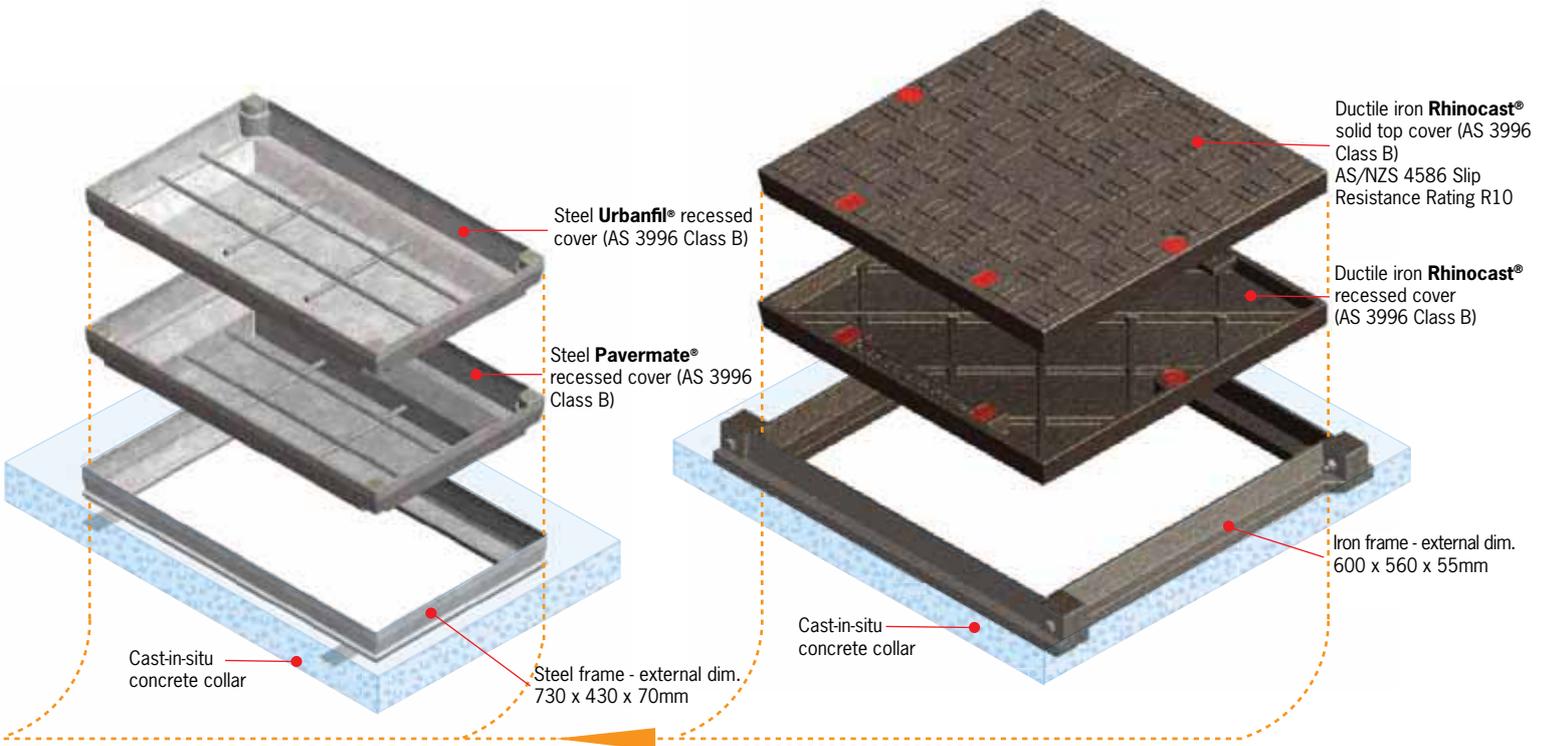
Use holesaw to cut conduit hole anywhere on side wall. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

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PLASTIC

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 3 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 3 plastic pit	75865	6	
Lids & Covers		Cover¹	Total
Cement concrete lid (AS 3996 Class A) - Blank	75881	13	13
Cement concrete lid (AS 3996 Class A) - Communications	75898	13	13
Cement concrete lid (AS 3996 Class A) - Electricity	75906	13	13
Steel lid (AS 3996 Class B)	70320	6	6
Steel PowerLok® lid (AS 3996 Class B) ^{2,3}	70330	9	9
Steel Urbanfil® recessed cover (AS 3996 Class B) ⁴	81225	11	16
Steel Pavermate® recessed cover (AS 3996 Class B) ⁴	81340	11	16
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

Notes:

- 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'.
- 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).

Pit Dimensions

Internal working area (mm)	
A	437
B	207
C	174
X	455
Y	225
Z	526
Overall dimensions (mm)	
L	565
W	335
D	530

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.



Type 4 Pit

Length 715mm
Width 410mm
Depth 800mm



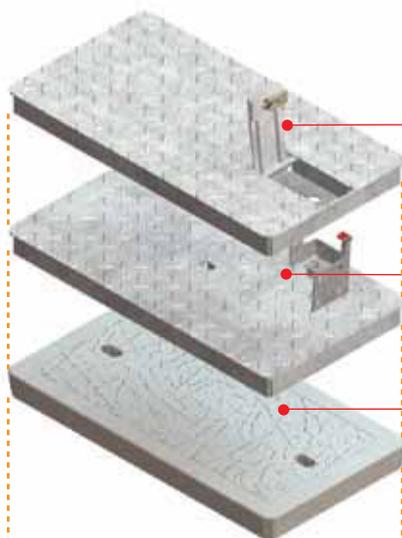
Up to
1,100mm (1 riser)

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.

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.

Cement concrete lid (AS 3996 Class A).
Slip Resistance Rating R9 AS/NZS 4586.
IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

Riser



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

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

Pit



Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

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

Pit can be cut at specific points to create a shallower pit.

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.

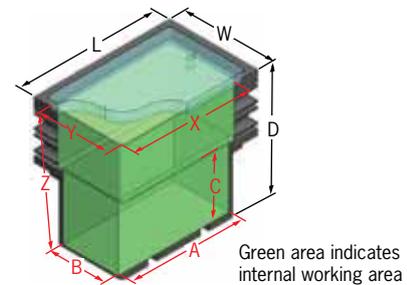
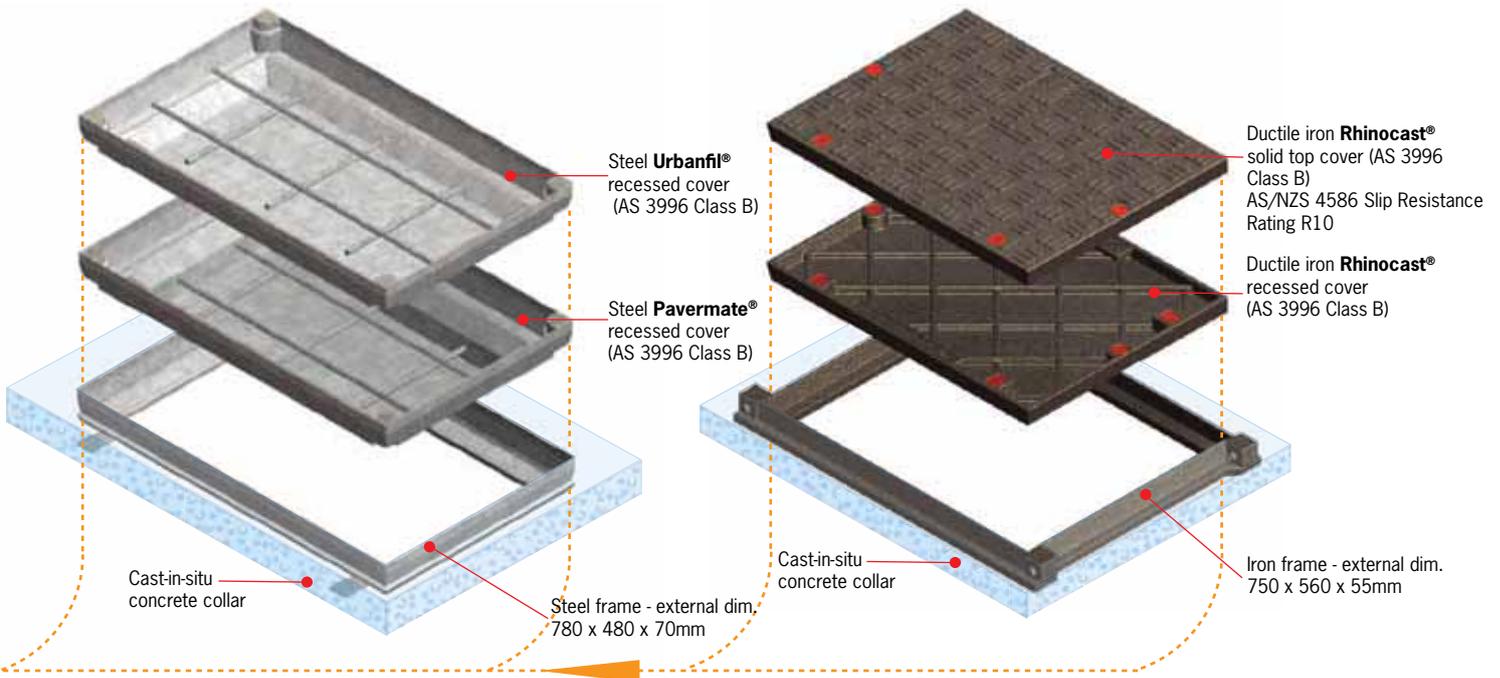
Plastic pit construction offers an economic pit solution for light duty applications. Plastic also offers excellent electrical resistivity.

PLASTIC



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 4 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 4 plastic pit	75957	12	
Lids & Covers		Cover¹	Total
Cement concrete lid (AS 3996 Class A) - Blank	75979	21	21
Cement concrete lid (AS 3996 Class A) - Communications	75983	21	21
Cement concrete lid (AS 3996 Class A) - Electricity	75990	21	21
Steel lid (AS 3996 Class B)	70420	11	11
Steel PowerLok® lid (AS 3996 Class B) ^{2,3}	70430	14	14
Steel Urbanfil® recessed cover (AS 3996 Class B) ⁴	80450	11	16
Steel Pavermate® recessed cover (AS 3996 Class B) ⁴	80451	11	17
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ⁵	85037	28	49
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ⁵	85236	28	47

Notes:

- 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'.
- 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).

Pit Dimensions

Internal working area (mm)	
A	567
B	262
C	448
X	605
Y	300
Z	745
Overall dimensions (mm)	
L	715
W	410
D	800

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.



Type 5 Pit

Length 715mm
Width 465mm
Depth 635mm



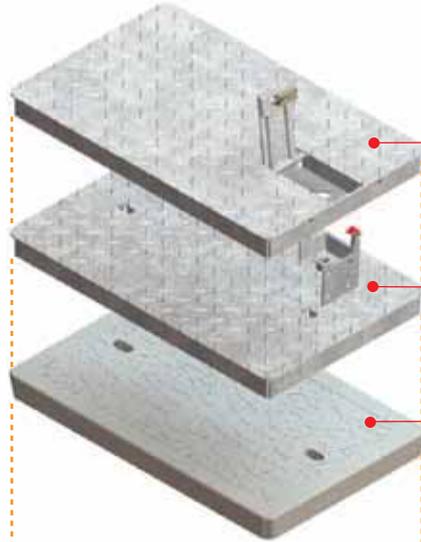
Up to
935mm (1 riser)

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.

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.

Cement concrete lid (AS 3996 Class A).
Slip Resistance Rating R9 AS/NZS 4586.
IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

Riser

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



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

Pit

Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.



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

Pit can be cut at specific points to create a shallower pit.

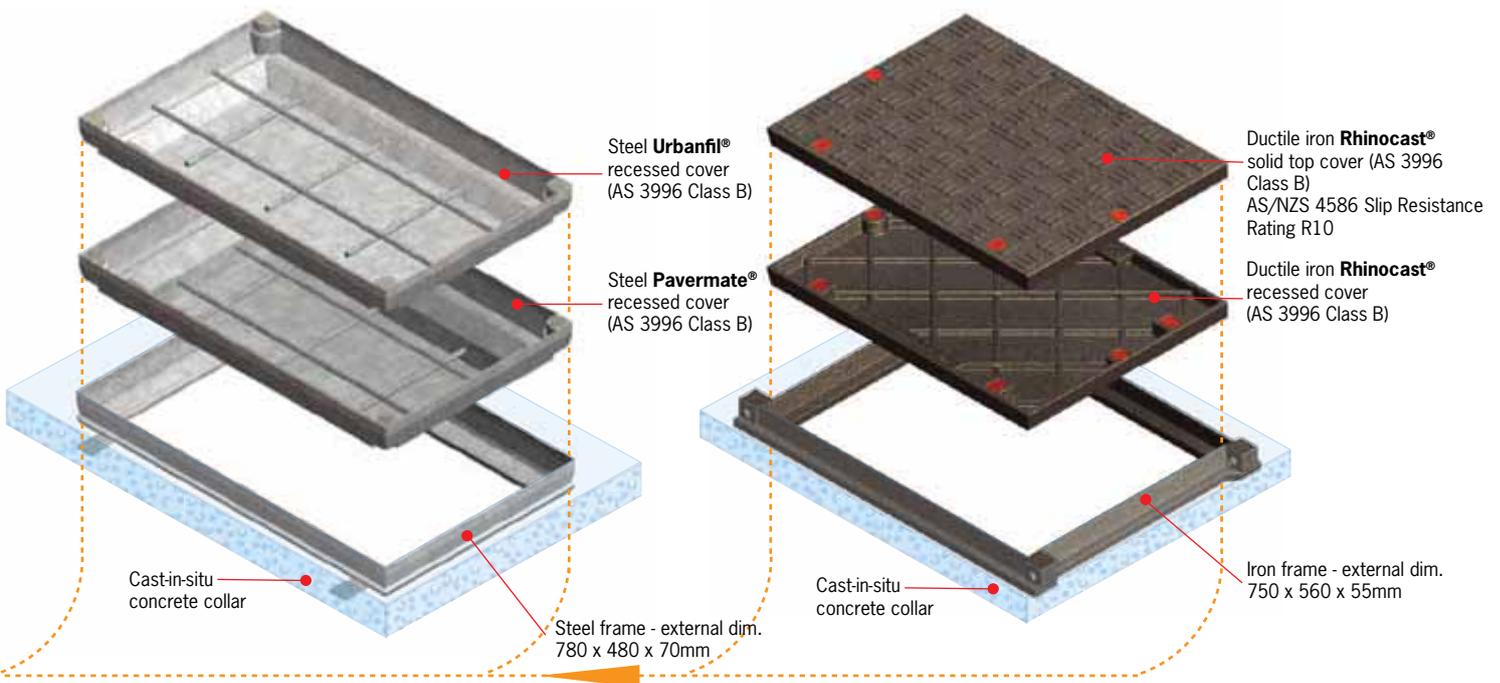
Use holesaw to cut conduit hole anywhere on side wall. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

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

PLASTIC

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.

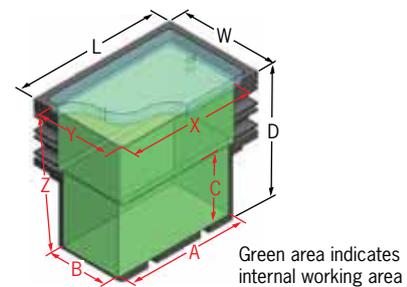


Type 5 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 5 plastic pit	76042	10	
Lids & Covers		Cover¹	Total
Cement concrete lid (AS 3996 Class A) - Blank	76069	28	28
Cement concrete lid (AS 3996 Class A) - Communications	76073	28	28
Cement concrete lid (AS 3996 Class A) - Electricity	76080	28	28
Steel lid (AS 3996 Class B)	70520	11	11
Steel PowerLok® lid (AS 3996 Class B) ^{2,3}	70530	15	15
Steel Urbanfil® recessed cover (AS 3996 Class B) ⁴	80450	11	16
Steel Pavermate® recessed cover (AS 3996 Class B) ⁴	80451	11	17
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ⁵	85037	28	49
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ⁵	85236	28	47

Notes:

- 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'.
- 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).



Pit Dimensions

Internal working area (mm)	
A	585
B	335
C	283
X	603
Y	353
Z	581
Overall dimensions (mm)	
L	713
W	463
D	635

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.



Type 6 Pit

Length 1,380mm
Width 565mm
Depth 670mm



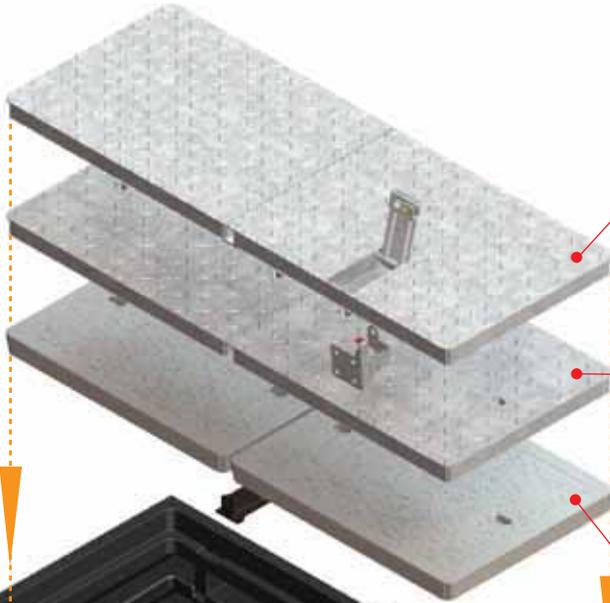
Up to
970mm (1 riser)

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.

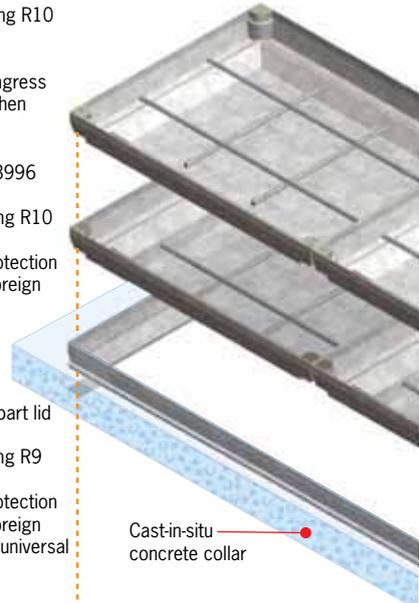
Lids



Steel **PowerLok**® 2-part 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.

Steel 2-part 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.

Cement concrete 2-part lid (AS 3996 Class A). Slip Resistance Rating R9 AS/NZS 4586. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.



Cast-in-situ concrete collar

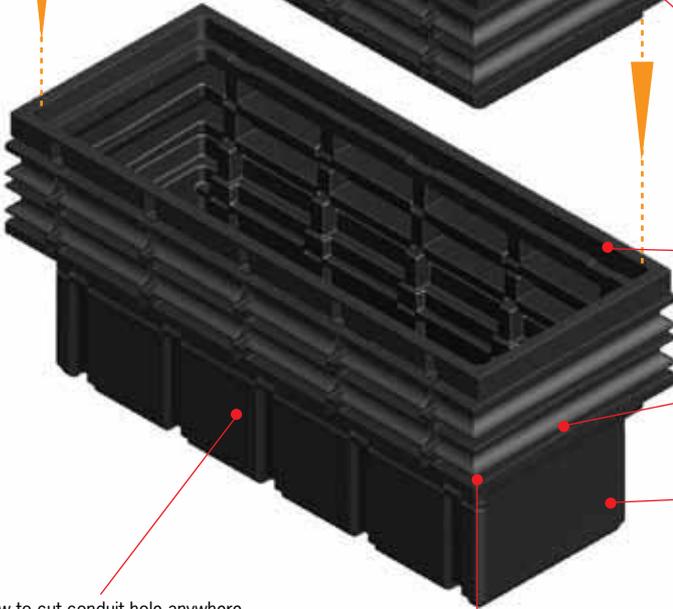
Riser



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. To produce riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. 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.

Pit can be cut at specific points to create a shallower pit.

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

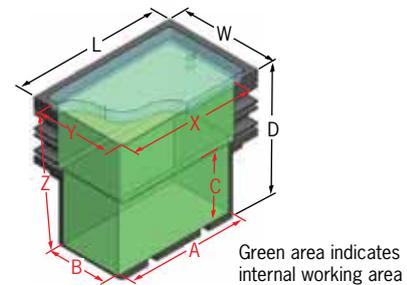
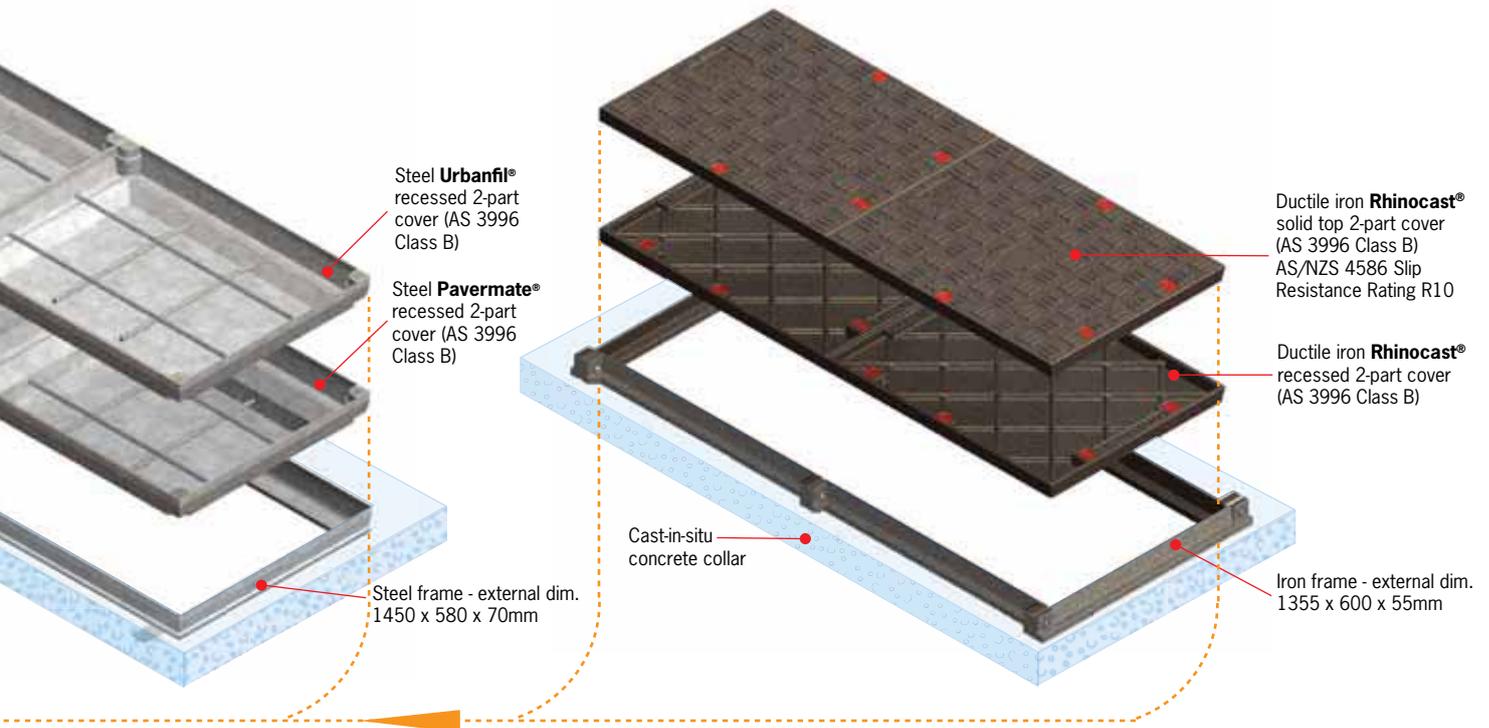
Use holesaw to cut conduit hole anywhere on side wall. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

PLASTIC

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 6 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 6 plastic pit	75475	33	
Lids & Covers		Cover¹	Total
Cement concrete 2-part lid (AS 3996 Class A) - Blank ²	75010	33	69
Cement concrete 2-part lid (AS 3996 Class A) - Communications ²	75011	33	69
Cement concrete 2-part lid (AS 3996 Class A) - Electricity ²	75012	33	69
Steel 2-part lid (AS 3996 Class B)	76820	15	31
Steel PowerLok® 2-part lid (AS 3996 Class B) ^{2,3}	76830	20	39
Steel Urbanfil® recessed 2-part cover (AS 3996 Class B) ⁴	82567	13	39
Steel Pavermate® recessed 2-part cover (AS 3996 Class B) ⁴	82373	15	41
Ductile iron Rhinocast® recessed 2-part cover (AS 3996 Class B) ⁵	85433	30	91
Ductile iron Rhinocast® solid top 2-part cover (AS 3996 Class B) ⁵	86853	28	89

Notes:

- 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'.
- 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).

Pit Dimensions

Internal working area (mm)	
A	1226
B	413
C	318
X	1270
Y	455
Z	616
Overall dimensions (mm)	
L	1378
W	565
D	670

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.



Type 7 Pit

Length 1,020mm
Width 565mm
Depth 1,145mm



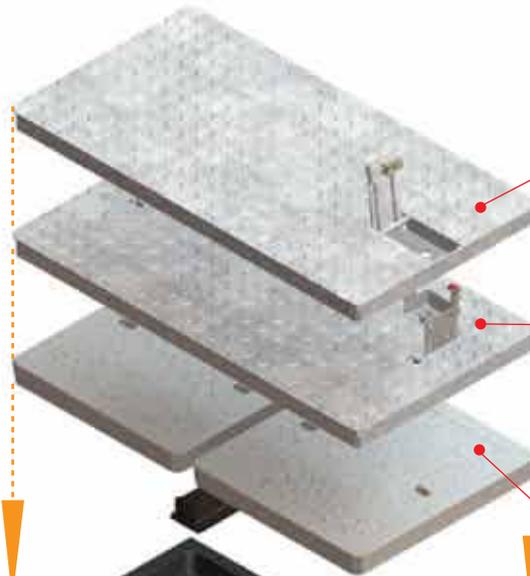
Up to
1,545mm (1 riser)

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.

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.

Cement concrete 2-part lid (AS 3996 Class A). Slip Resistance Rating R9 AS/NZS 4586. IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.



Cast-in-situ concrete collar

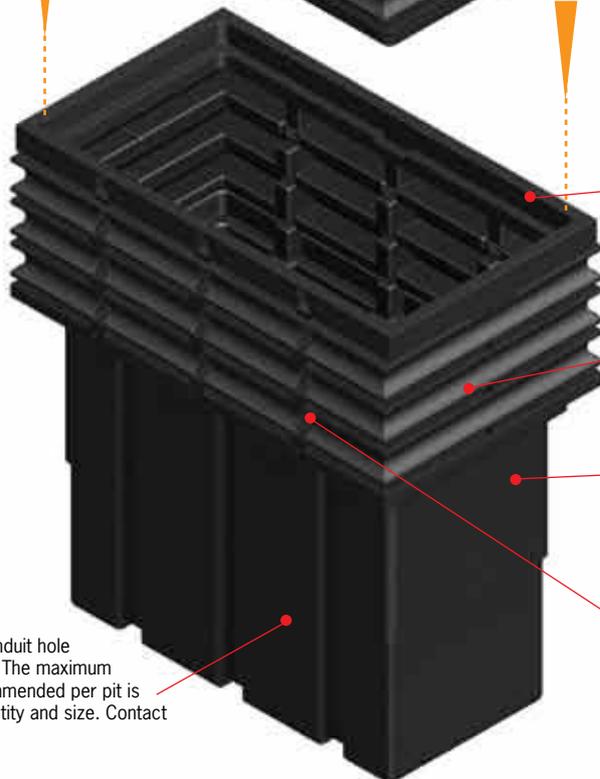
Riser



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. To produce riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. Riser adds 400mm depth.

Pit



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

Pit can be cut at specific points to create a shallower pit.

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

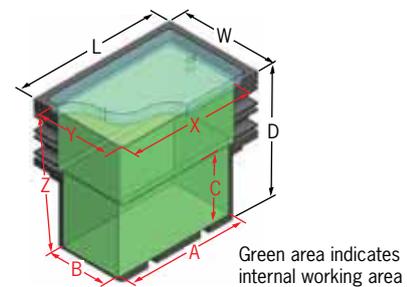
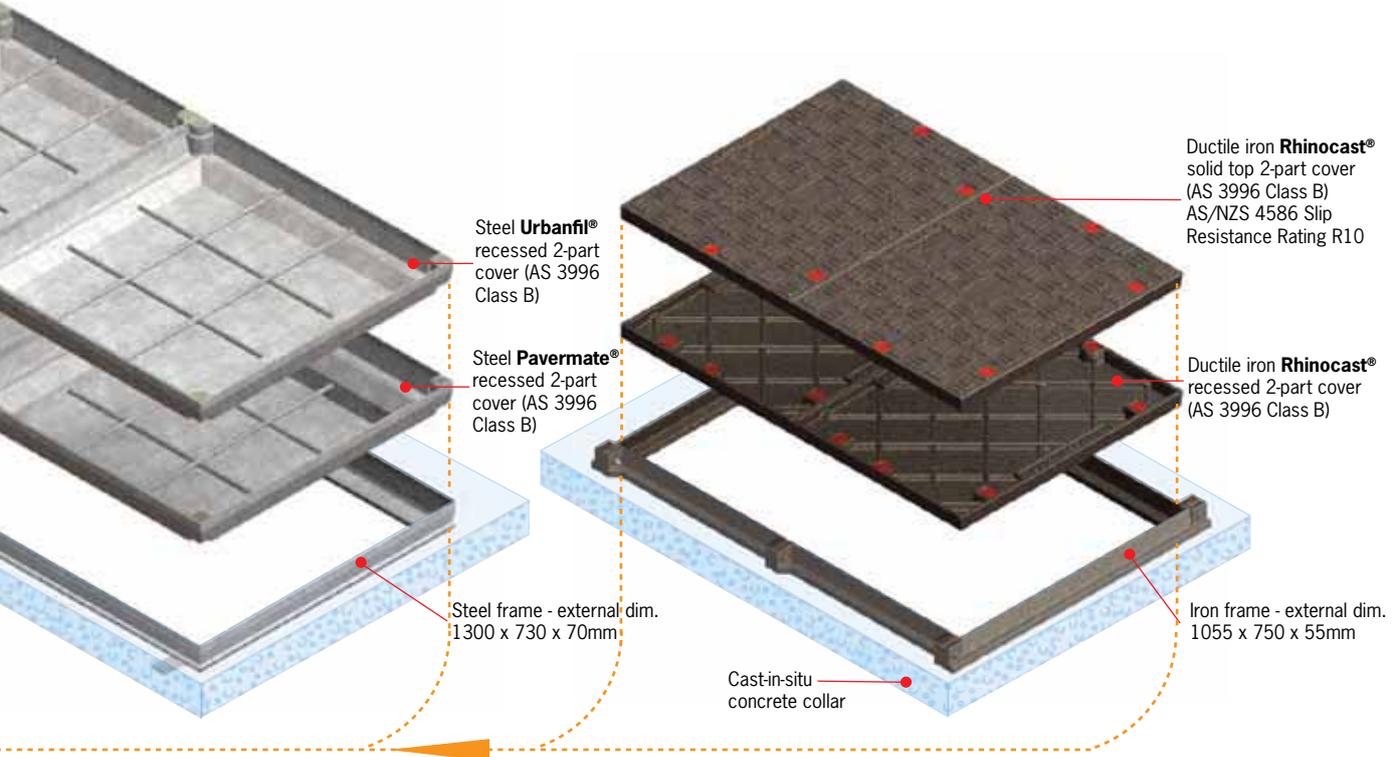
Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

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

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 7 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 7 plastic pit	76132	34	
Lids & Covers		Cover ¹	Total
Cement concrete 2-part lid (AS 3996 Class A) - Blank ²	75155	23	49
Cement concrete 2-part lid (AS 3996 Class A) - Communications ²	75156	23	49
Cement concrete 2-part lid (AS 3996 Class A) - Electricity ²	75157	23	49
Steel lid (AS 3996 Class B)	70720	21	21
Steel PowerLok® lid (AS 3996 Class B) ^{2,3}	70730	24	24
Steel Urbanfil® recessed 2-part cover (AS 3996 Class B) ⁴	82606	16	47
Steel Pavermate® recessed 2-part cover (AS 3996 Class B) ⁴	82398	17	48
Ductile iron Rhinocast® recessed 2-part cover (AS 3996 Class B) ⁵	85444	28	89
Ductile iron Rhinocast® solid top 2-part cover (AS 3996 Class B) ⁵	80753	28	83

Notes:

- 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'.
- 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).

Pit Dimensions

Internal working area	(mm)
A	864
B	419
C	697
X	910
Y	455
Z	1136
Overall dimensions	(mm)
L	1020
W	565
D	1145

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.



Type 8 Pit

Length 1,380mm
Width 565mm
Depth 890mm



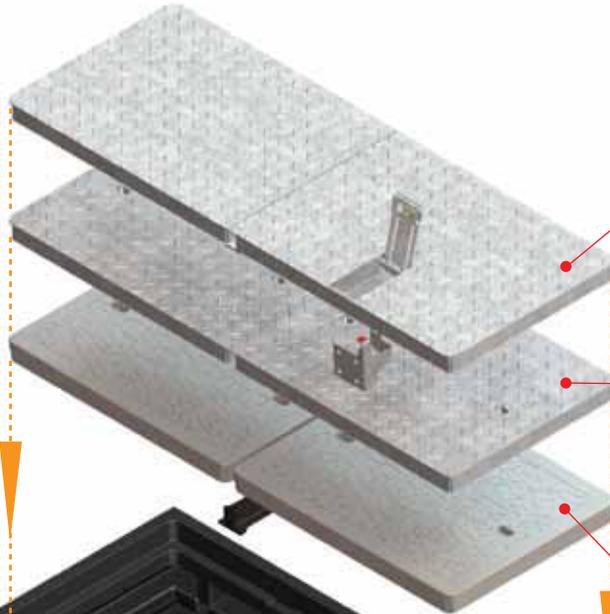
Up to
1290mm (1 riser)

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.

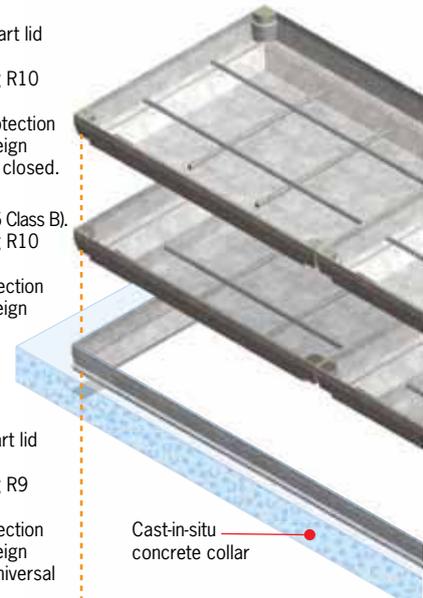
Lids



Steel **PowerLok**® 2-part 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.

Steel 2-part 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.

Cement concrete 2-part lid (AS 3996 Class A).
Slip Resistance Rating R9 AS/NZS 4586.
IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.



Cast-in-situ concrete collar

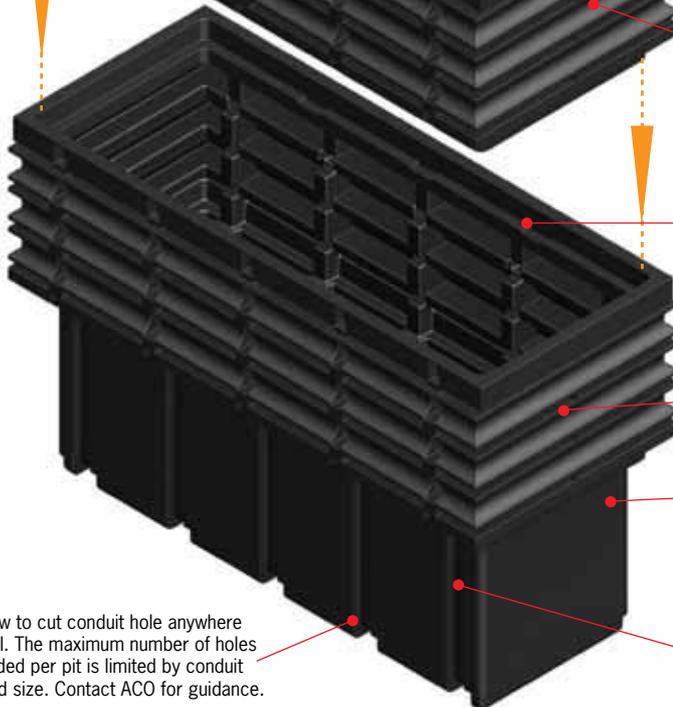
Riser



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. To produce riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. Riser adds 400mm depth.

Pit



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

Pit can be cut at specific points to create a shallower pit.

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

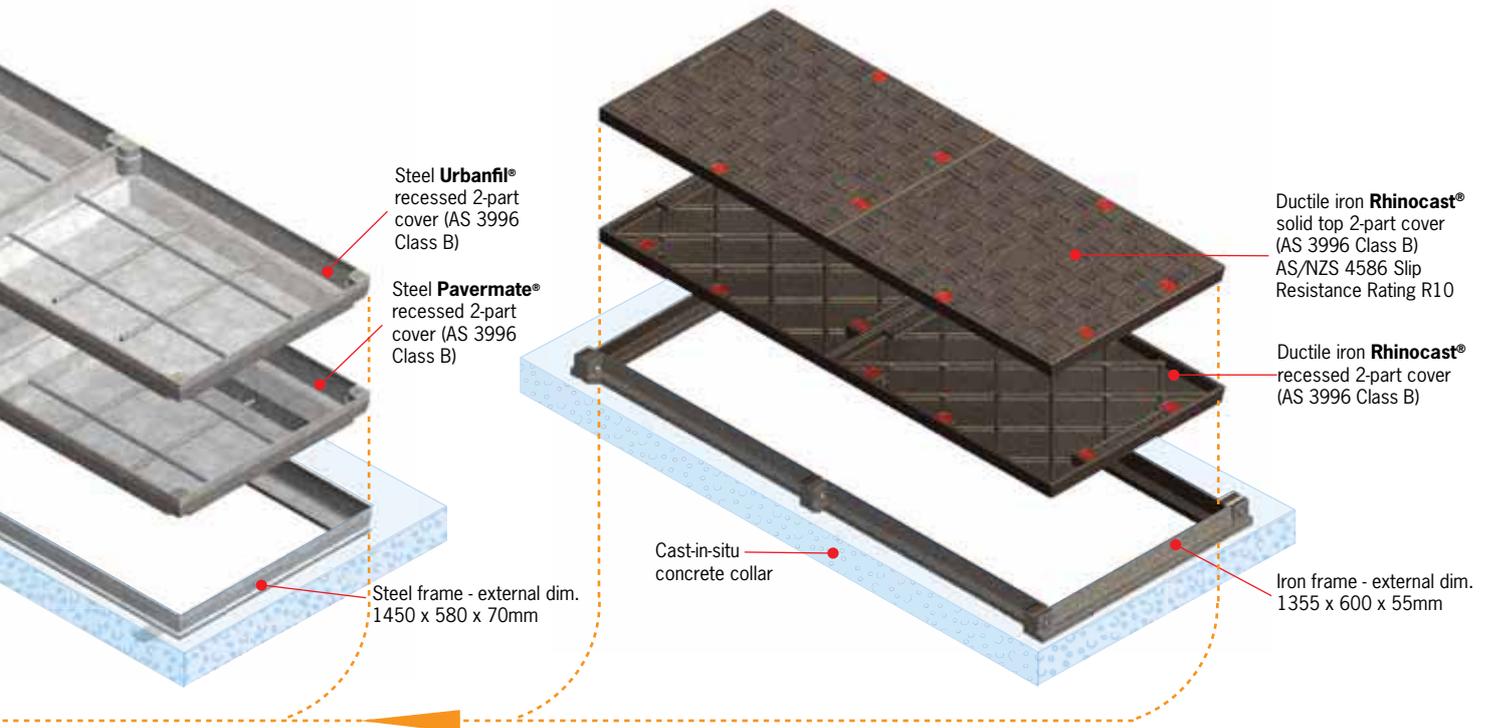
Use holesaw to cut conduit hole anywhere on side wall. The maximum number of holes recommended per pit is limited by conduit quantity and size. Contact ACO for guidance.

Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

PLASTIC

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.

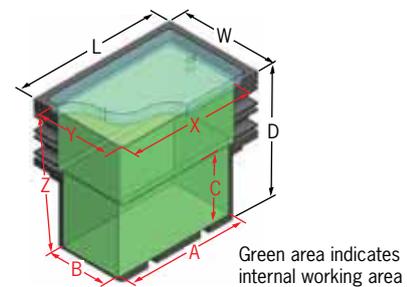


Type 8 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 8 plastic pit	75018	42	
Lids & Covers		Cover¹	Total
Cement concrete 2-part lid (AS 3996 Class A) - Blank ²	75010	33	69
Cement concrete 2-part lid (AS 3996 Class A) - Communications ²	75011	33	69
Cement concrete 2-part lid (AS 3996 Class A) - Electricity ²	75012	33	69
Steel 2-part lid (AS 3996 Class B)	76820	15	31
Steel PowerLok® 2-part lid (AS 3996 Class B) ^{2,3}	76830	20	39
Steel Urbanfil® recessed 2-part cover (AS 3996 Class B) ⁴	82567	13	39
Steel Pavermate® recessed 2-part cover (AS 3996 Class B) ⁴	82373	15	41
Ductile iron Rhinocast® recessed 2-part cover (AS 3996 Class B) ⁵	85433	30	91
Ductile iron Rhinocast® solid top 2-part cover (AS 3996 Class B) ⁵	86853	28	89

Notes:

- 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'.
- 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).



Pit Dimensions

Internal working area (mm)	
A	1226
B	413
C	418
X	1248
Y	455
Z	836
Overall dimensions (mm)	
L	1378
W	565
D	890

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.



Type 9 Pit

Length 2,035mm
 Width 565mm
 Depth 890mm



Up to
 1,290mm (1 riser)

Product Selection Steps

Once pit type is determined:

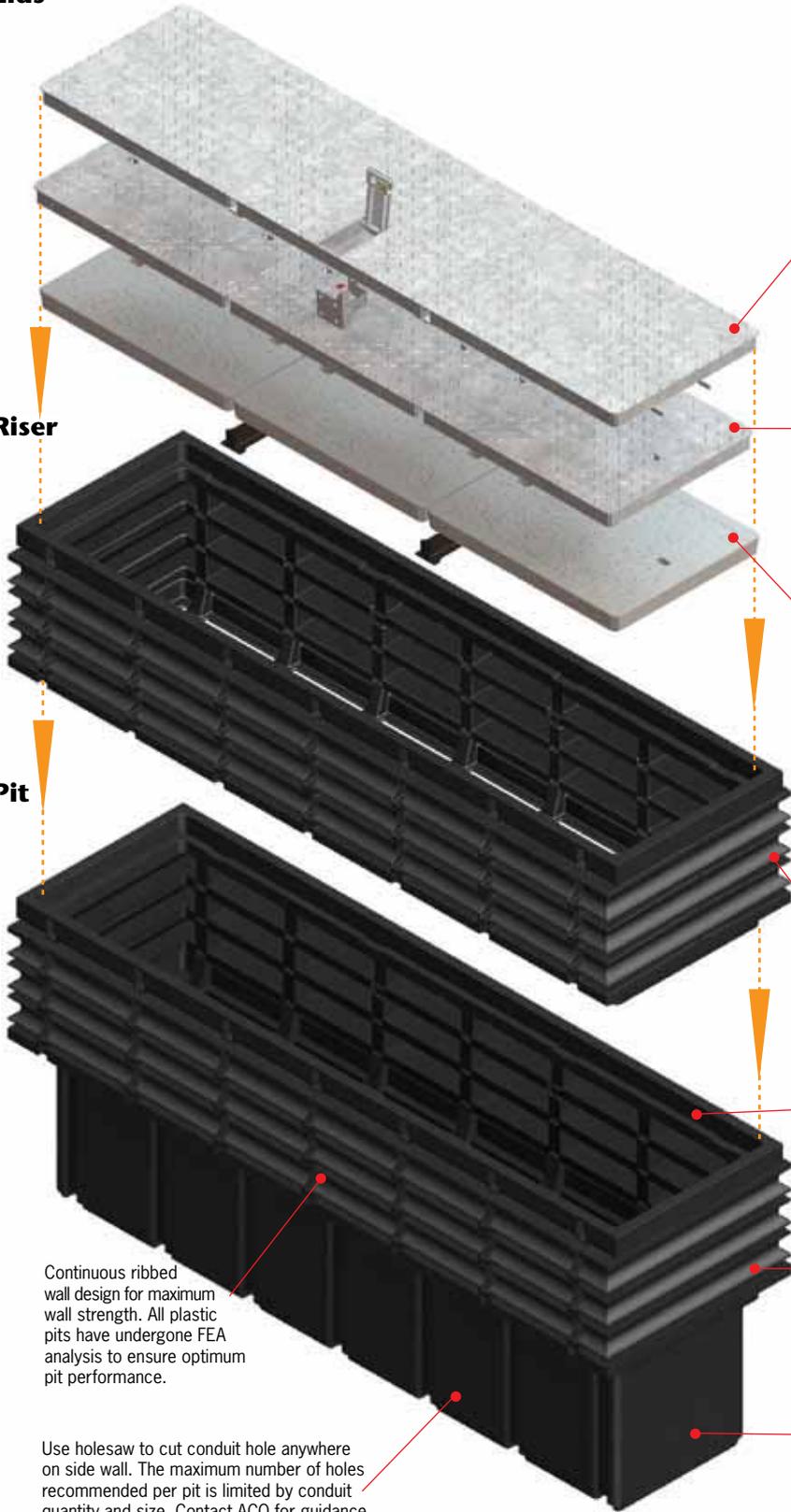
1. Determine if riser is required.
2. Select lid or access cover (adds additional depth) to suit project application.

Lids

Riser

Pit

PLASTIC



Steel **PowerLok**® 3-part 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.

Steel 3-part 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.

Cement concrete 3-part lid (AS 3996 Class A). Slip Resistance Rating R9 AS/NZS 4586. 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.

Optional riser to increase pit depth, riser rebate is identical to pit rebate and with lid, offers the same IP protection. To produce riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. Riser adds 400mm depth.

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

Pit can be cut at specific points to create a shallower pit.

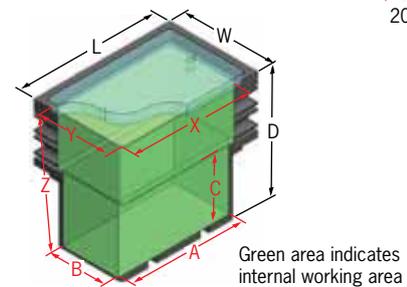
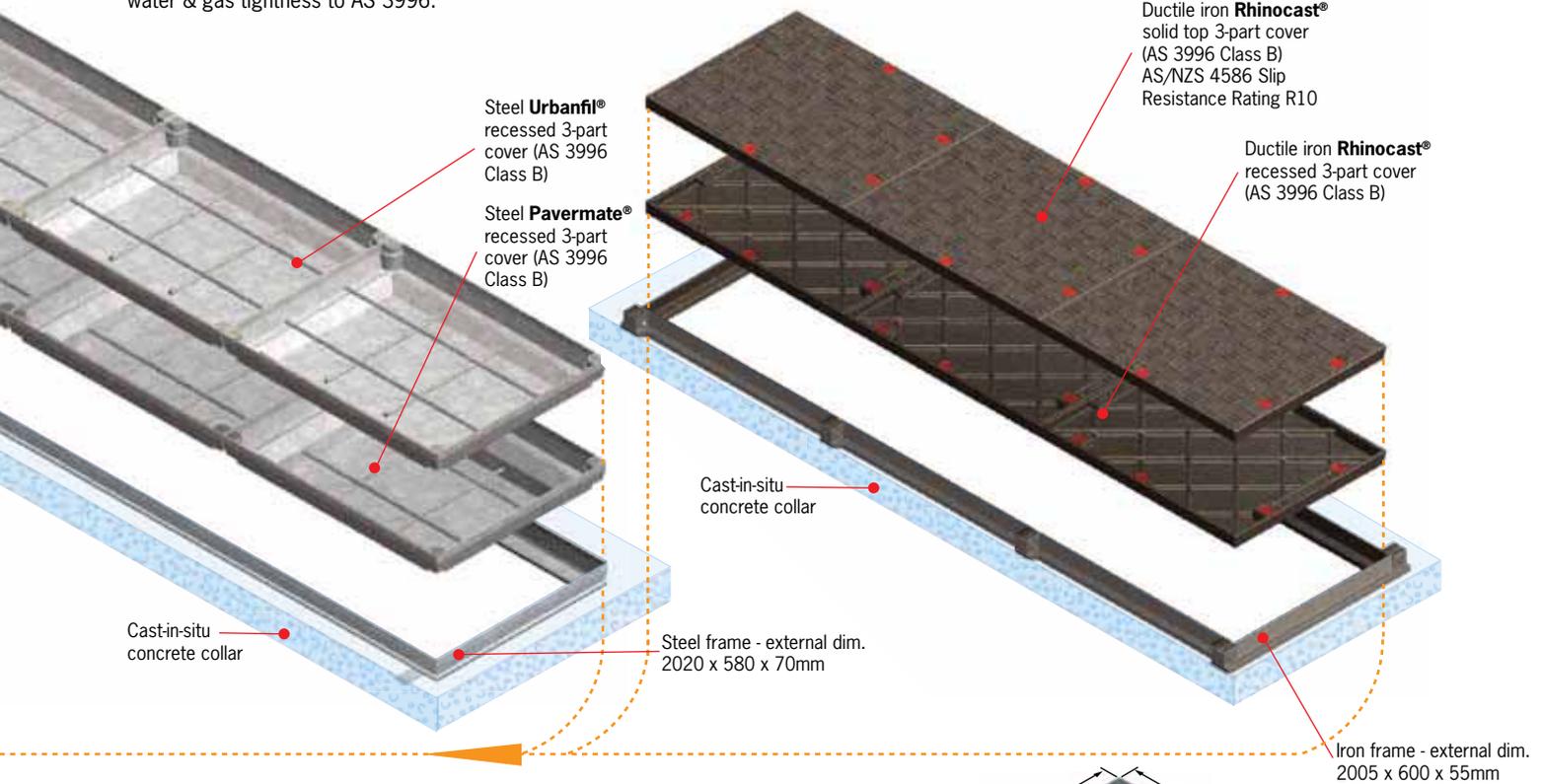
Plastic pit construction offers an economic pit solution for light duty applications. Plastic also offers excellent electrical resistivity.

Continuous ribbed wall design for maximum wall strength. All plastic pits have undergone FEA analysis to ensure optimum pit performance.

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.

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 9 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 9 plastic pit	75099	60	
Lids & Covers		Cover ¹	Total
Cement concrete 3-part lid (AS 3996 Class A) - Blank ²	75235	38	118
Cement concrete 3-part lid (AS 3996 Class A) - Communications ²	75236	38	118
Cement concrete 3-part lid (AS 3996 Class A) - Electricity ²	75237	38	118
Steel 3-part lid (AS 3996 Class B)	71920	15	45
Steel PowerLok® 3-part lid (AS 3996 Class B) ^{2,3}	71930	20	58
Steel Urbanfil® recessed 3-part cover (AS 3996 Class B) ⁴	75109	13	56
Steel Pavermate® recessed 3-part cover (AS 3996 Class B) ⁴	80951	15	58
Ductile iron Rhinocast® recessed 3-part cover (AS 3996 Class B) ⁵	80952	30	132
Ductile iron Rhinocast® solid top 3-part cover (AS 3996 Class B) ⁵	80953	28	129

Notes:

- 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'.
- 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).

Pit Dimensions

Internal working area	(mm)
A	1845
B	410
C	423
X	1935
Y	470
Z	838
Overall dimensions	(mm)
L	2040
W	565
D	898

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.



Type 43 Pit

Diameter 430mm
Depth 610mm



610mm

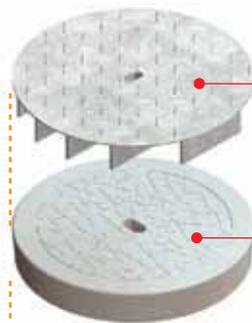
Product Selection Steps

Once pit type is determined:

1. Select lid or access cover (adds additional depth) to suit project application.

PLASTIC

Lids



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.

Cement concrete lid (AS 3996 Class A).
Slip Resistance Rating R9 AS/NZS 4586.
IP4X (AS 60529) protection against ingress of foreign objects if fitted with universal plug.

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

Pit



Pit has 3 x 100mm dia holes spaced equidistant near the base. Use holesaw to cut conduit hole anywhere else 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**

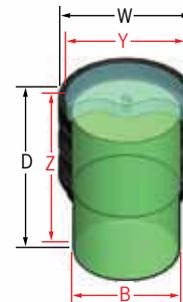
If access cover required contact ACO.

Type 43 Pit Parts List²

Description	Part No.	Weight (kg)	
Type 43 plastic pit	74308	5	
Lids & Covers		Cover ¹	Total
Cement concrete lid (AS 3996 Class A) - Blank	76221	18	18
Cement concrete lid (AS 3996 Class A) - Communications	74592	18	18
Cement concrete lid (AS 3996 Class A) - Electricity	74312	18	18
Steel lid (AS 3996 Class B)	74320	6	6

Notes:

- Lid weights are provided as lifting weight (individual cover parts) and total weight.
- 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)	
B	292
Y	393
Z	540
Overall dimensions (mm)	
W	430
D	606

Notes:

See pg 82 for excavation details.



Type 53 Pit

Length 540mm
 Width 295mm
 Depth 455mm



Product Selection Steps

Once pit type is determined:

1. Select lid or access cover (adds additional depth) to suit project application.

PLASTIC

Lids



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.
 If a locking lid is required, please contact ACO.

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.

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

Pit



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**

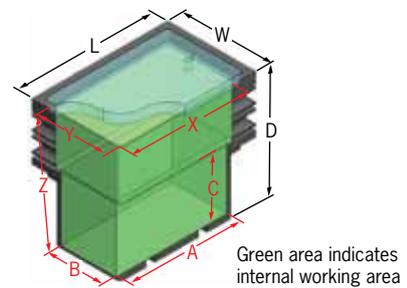
If access cover required contact ACO.

Type 53 Pit Parts List²

Description	Part No.	Weight (kg)	
Type 53 plastic pit	75785	3	
Lids & Covers		Cover ¹	Total
Polymer concrete lid (AS 3996 Class A) - Blank	75806	6	6
Polymer concrete lid (AS 3996 Class A) - Communications	75813	6	6
Polymer concrete lid (AS 3996 Class A) - Electricity	75829	6	6
Steel lid (AS 3996 Class B)	75320	4	4

Notes:

- Lid weights are provided as lifting weight (individual cover parts) and total weight.
- For Accessories (e.g. identification plates, divider brackets, cable hanger brackets see pg 43).



Pit Dimensions

Internal working area	(mm)
A	339
B	181
C	216
X	451
Y	200
Z	394
Overall dimensions	(mm)
L	541
W	291
D	448

Notes:

See pg 82 for excavation details.



Type 55 Pit

Length	560mm		
Width	560mm		
Depth	505mm		

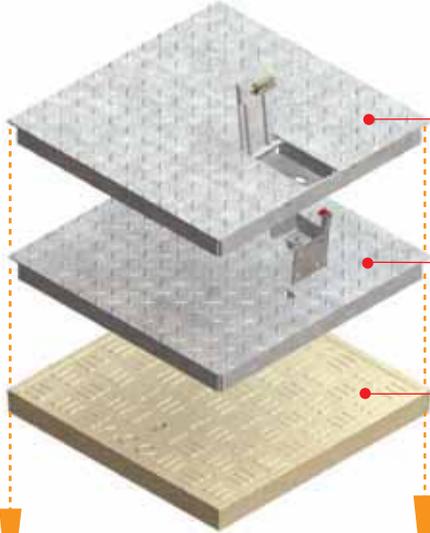
Product Selection Steps

Once pit type is determined:

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

PLASTIC

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.

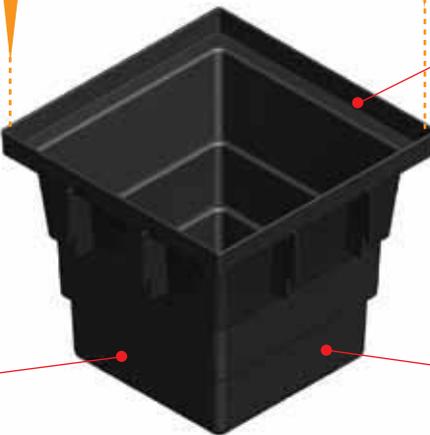
Riser



Optional riser to increase pit depth, riser rebate is identical to pit rebate and with lid, offers the same IP protection. To produce riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. Riser adds 150mm depth.

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

Pit



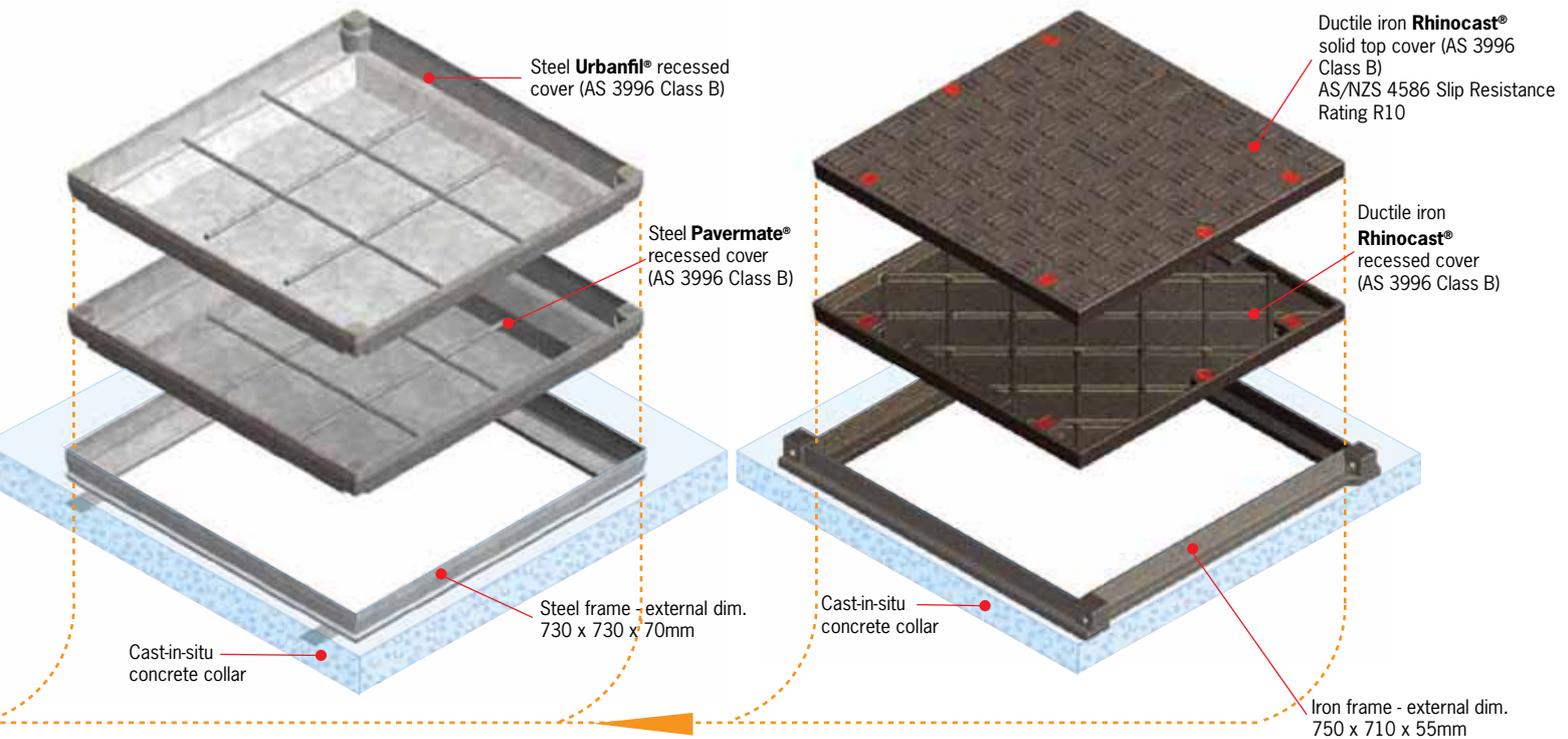
Lids fit into rebate at top of pit, whilst access covers must be installed in a cast in situ concrete collar.

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.

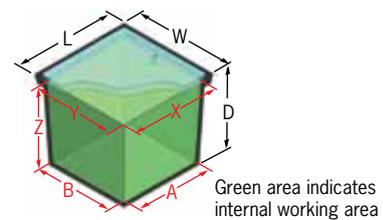


Type 55 Pit Parts List⁶

Description	Part No.	Weight (kg)	
Type 55 plastic pit	76253	6	
Lids & Covers		Cover¹	Total
Polymer concrete lid (AS 3996 Class A) - Blank	76279	19	19
Polymer concrete lid (AS 3996 Class A) - Communications	76285	19	19
Polymer concrete lid (AS 3996 Class A) - Electricity	76297	19	19
Steel lid (AS 3996 Class B)	75520	13	13
Steel PowerLok® lid (AS 3996 Class B) ^{2, 3}	75530	17	17
Steel Urbanfil® recessed cover (AS 3996 Class B) ⁴	81565	15	22
Steel Pavermate® recessed cover (AS 3996 Class B) ⁴	81948	18	24
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ⁵	85045	36	60
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ⁵	85222	35	63

Notes:

- 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'.
- All lids are supplied with brackets and support bars where applicable.
- PowerLok®** lids supplied with additional fitting instructions and 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).



Pit Dimensions

Internal working area (mm)	
A	400
B	400
X	445
Y	445
Z	450
Overall dimensions (mm)	
L	560
W	560
D	510

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.



Type 77 Pit

Length	710mm	L	W
Width	710mm		D
Depth	660mm		

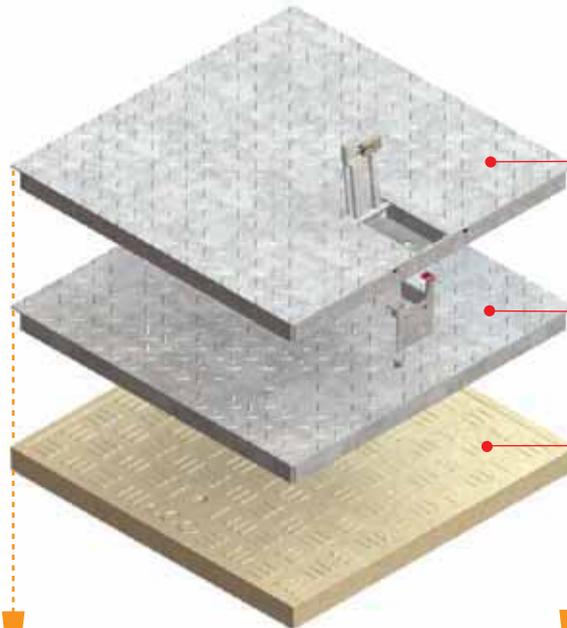
Up to
960mm (1 riser)

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



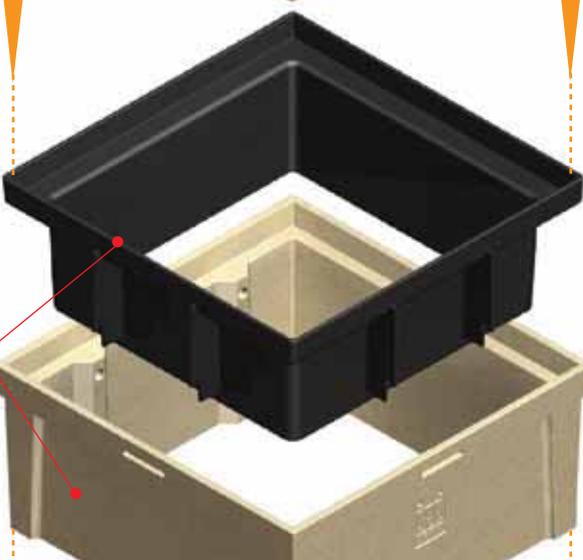
Steel **PowerLok**® lid (AS 3996 Class B).
Slip Resistance Rating R10 AS/NZS 4586.
IP2XD (AS 60529) protection against ingress of foreign objects when hatch is closed.
(Fitting instructions are supplied with lid.)

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

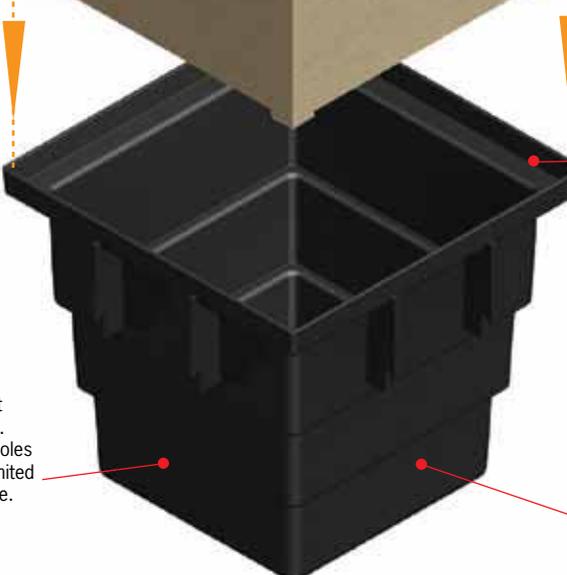
Optional risers to increase pit depth, riser rebate is identical to pit rebate and with lid, offers the same IP protection. To produce plastic riser, cut base off another pit to appropriate length. ACO recommends no more than 1 riser. Plastic riser adds 200mm depth. Polymer concrete riser adds 300mm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



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

Pit

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.



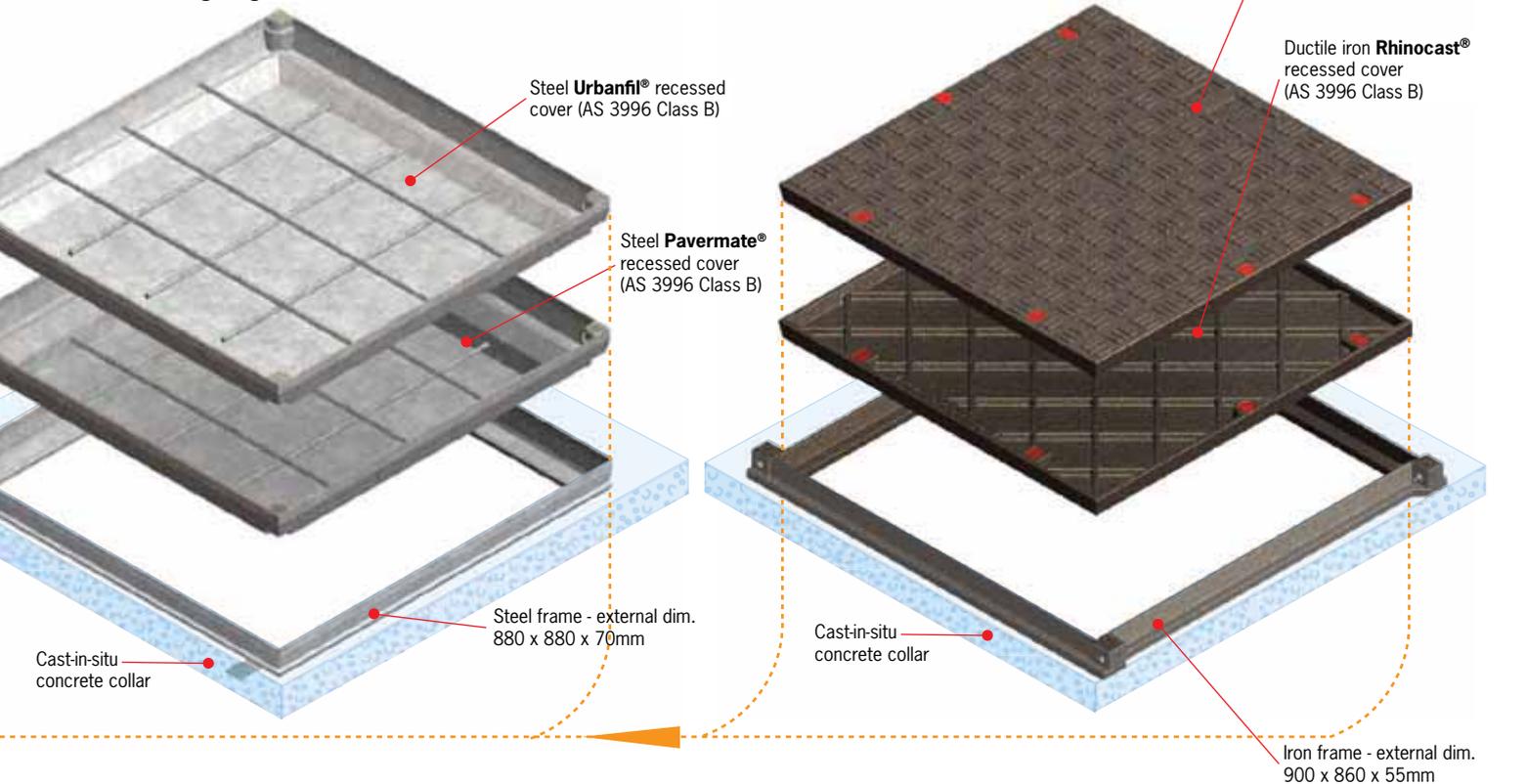
Lids fit into rebate at top of pit, whilst access covers must be installed in a cast in situ concrete collar.

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

PLASTIC

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.

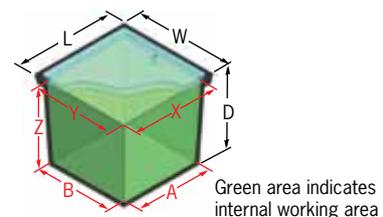


Type 77 Pit Parts List⁶

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		
Polymer concrete lid (AS 3996 Class A) - Blank	76382	31
Polymer concrete lid (AS 3996 Class A) - Communications	76396	31
Polymer concrete lid (AS 3996 Class A) - Electricity	76409	31
Steel lid (AS 3996 Class B)	77720	20
Steel PowerLok® lid (AS 3996 Class B) ^{2,3}	77730	25
Steel Urbanfil® recessed cover (AS 3996 Class B) ⁴	81601	24
Steel Pavermate® recessed cover (AS 3996 Class B) ⁴	81372	25
Ductile iron Rhinocast® recessed cover (AS 3996 Class B) ⁵	85061	60
Ductile iron Rhinocast® solid top cover (AS 3996 Class B) ⁵	85274	60

Notes:

- 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'.
- All lids are supplied with brackets and support bars where applicable.
- PowerLok®** lids supplied with additional fitting instructions and 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).



Pit Dimensions

Internal working area	(mm)
A	562
B	562
X	600
Y	600
Z	601
Overall dimensions (mm)	
L	710
W	710
D	655

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.