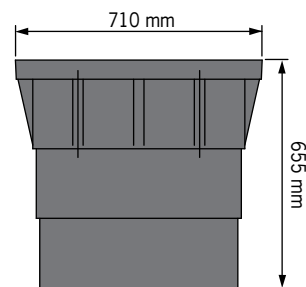
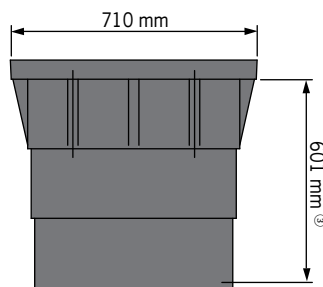
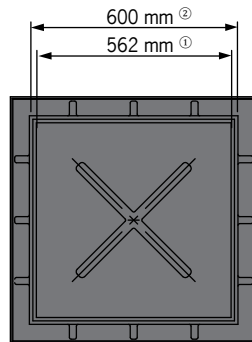
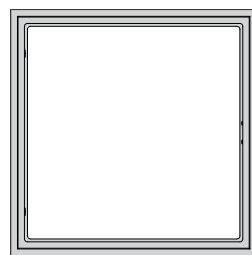


Type 77 polyethylene cable pit

Cable pit

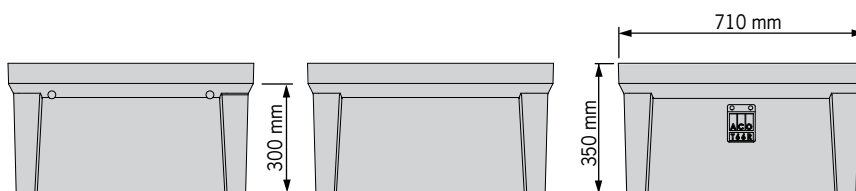


Optional riser - each riser adds up to 300mm height



Key

- ① Clear working dimension at pit base
- ② Clear working dimension at pit opening
- ③ Clear working dimension beneath rebate



Type 77 polyethylene cable pit

ACO Specification Information

Cable pit and riser

Description	Part	Depth	Weight
	No	mm	kg
Type 77 polyethylene pit	76344	655	13
Accessories			
Type 77 polymer concrete riser (adds 300mm to pit depth)	76368	350	47

Compatible lids and access covers

Description	Part No	Weight kg	
		cover ²	total
Polymer concrete lid (AS 3996 CI A) - Blank ^{1 3}	76382	31	31
Polymer concrete lid (AS 3996 CI A) - Communications ^{1 3}	76396	31	31
Polymer concrete lid (AS 3996 CI A) - Electricity ^{1 3}	76409	31	31
Steel lid (AS 3996 CI B) ^{1 4}	77720	20	20
Steel lid (AS 3996 CI C) ^{1 4}	custom	-	-
Steel PowerLok lid (AS 3996 CI B) ^{1 4}	77730	25	25
Steel PowerLok lid (AS 3996 CI C) ^{1 4}	custom	-	-
Steel Urbanfil recessed cover (AS 3996 CI B) ¹	81601	24	32
Steel Pavermate recessed cover (AS 3996 CI B) ¹	81372	25	33
Ductile iron Rhinocast recessed cover (AS 3996 CI B) ¹	85061	60	87
Ductile iron Rhinocast solid top cover (AS 3996 CI B) ¹	85274	60	91

1. Refer to ACO Cablemate literature for details
2. Lifting weight - kg
3. Lid dimension: 692 x 690 x 50 (mm)
4. Lid dimension: 693 x 693 x 48 (mm)

Specifications

General

The cable pit shall be ACO Limited Type 77 with lid/access cover* (see below) as manufactured by ACO Limited, or equal approved.

Materials

The pit body shall be manufactured from polyethylene with:

Electrical resistivity 1 x 10¹⁶ Ω/sq
 Flexural strength: 15MPa
 Water absorption 0.31%
 Frost proof
 Salt proof
 Dilute acid and alkali resistant
 Surface burn characteristics of the material shall comply with UL 723
 IP ratings up to IP4X (AS 60529) - enclosure protection against ingress

Polyethylene moulded pits feature a ribbed construction for strength and durability. The nominal clear opening shall be 562mm x 562mm. Units shall be manufactured with a clear depth of 601mm.

Optional riser

Additional height can be added using one or two polymer concrete riser units - each riser adds up to 300mm height.

Lid/Access cover

The pit shall be covered with a polymer concrete lid*, steel lid*, PowerLok lid*, Urbanfil/Pavermate access cover*, Rhinocast access cover* - see table opposite for compatible options.

Installation

The cable pit shall be installed in accordance with the manufacturer's installation instructions and recommendations.

* delete as applicable

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