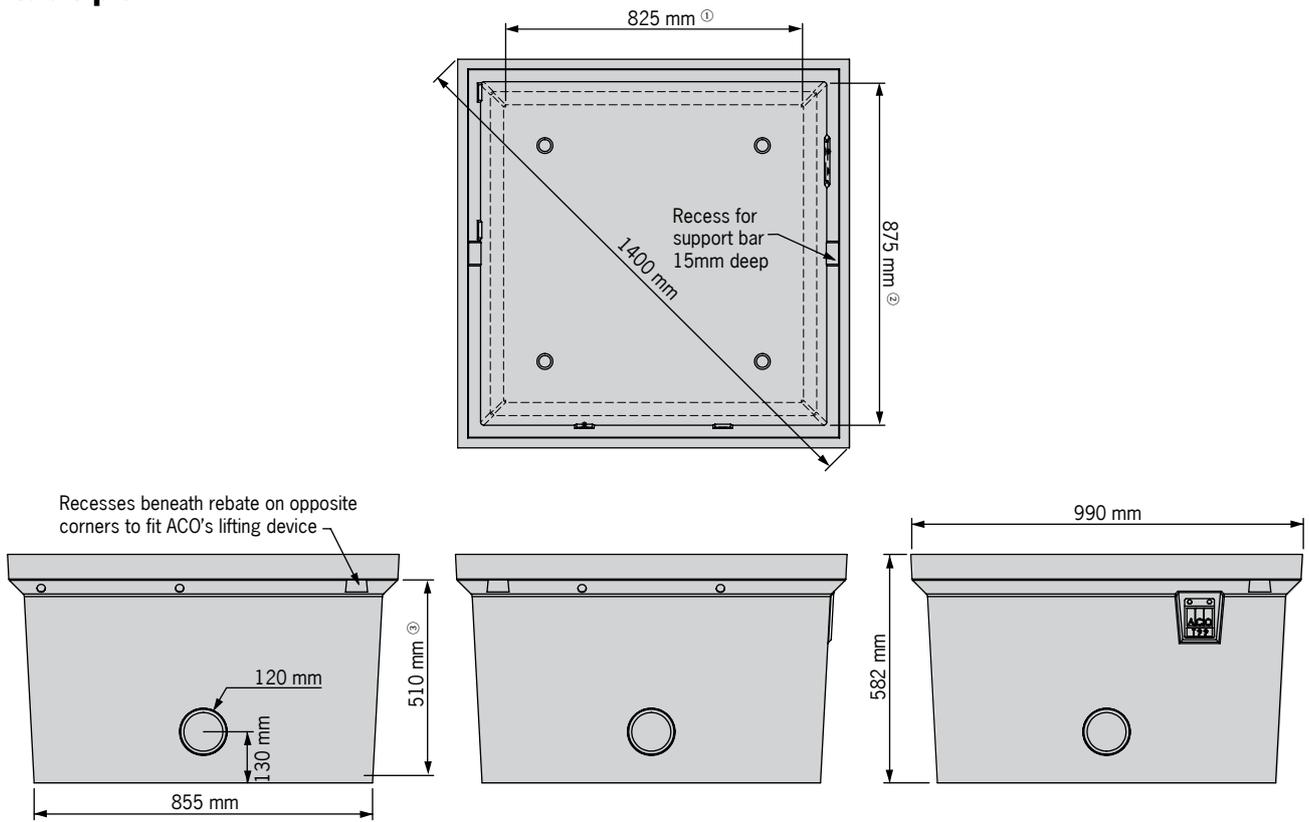


Type 99 polymer concrete cable pit

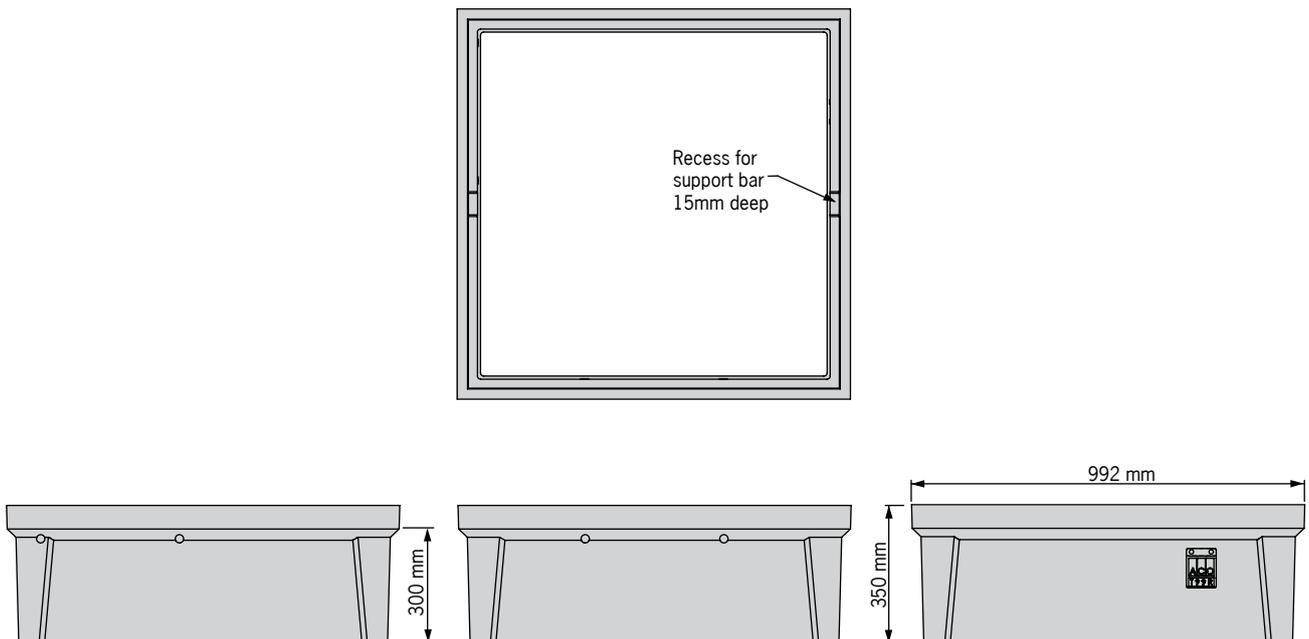
Cable pit



Key

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

Optional riser - each riser adds up to 300mm height



Type 99 polymer concrete cable pit

ACO Specification Information

Cable pit and riser

Description	Part	Depth	Weight
	No.	mm	kg
Type 99 polymer concrete pit	75489	582	135.4
Accessories			
Type 99 polymer concrete riser (adds 300mm to pit depth)	75500	350	70.2

Compatible lids and access covers

Description	Part No.	Weight kg	
		cover ²	total
Polymer concrete 2-part lid (AS 3996 CI A) - Blank ^{1 3}	75525	29	62
Polymer concrete 2-part lid (AS 3996 CI A) - Communications ^{1 3}	75532	29	62
Polymer concrete 2-part lid (AS 3996 CI A) - Electricity ^{1 3}	75541	29	62
Steel 2-part lid (AS 3996 CI B) ^{1 4}	79920	20	45
Steel PowerLok 2-part lid (AS 3996 CI B) ^{1 4}	79930	25	45
Steel Tilemate infill cover (AS 3996 CI B) ¹	81645	31	40
Steel Pavermate infill cover (AS 3996 CI B) ¹	81992	35	45
Ductile iron Rhinocast infill cover (AS 3996 CI B) ¹	85093	86	114
Ductile iron Rhinocast infill 2-part cover (AS 3996 CI B) ¹	85159	45	116
Ductile iron Rhinocast solid top cover (AS 3996 CI B) ¹	143110	82	136
Ductile iron Rhinocast solid top 2-part cover (AS 3996 CI B) ¹	89953	48	137
Ductile iron Rhinocast infill cover (AS 3996 CI C) ¹	142316	102	160
Ductile iron Rhinocast infill cover (AS 3996 CI D) ¹	143039	117	179
Ductile iron Rhinocast infill 2-part cover (AS 3996 CI D) ¹	143183	65	192
Ductile iron Rhinocast solid top cover (AS 3996 CI D) ¹	143051	120	182
Ductile iron Rhinocast solid top 2-part cover (AS 3996 CI D) ¹	143237	70	201
Ductile iron Rhinocast infill cover (AS 3996 CI G) ¹	143142	192	280
Ductile iron Rhinocast solid top cover (AS 3996 CI G) ¹	143144	217	305

1. Refer to ACO Cablemate literature for details
2. Lifting weight - kg
3. Lid dimension: 935 x 934 x 50 (mm)
4. Lid dimension: 935 x 934 x 48 (mm)

Specifications

General

The cable pit shall be ACO Cablemate Type 99 with lid/access cover* (see below) as manufactured by ACO Pty Ltd. or equal approved.

Materials

The pit/riser bodies shall be manufactured from polyester polymer concrete with:

Electrical resistivity 1 x 10⁸ Ω/sq
 Compressive strength: 96MPa
 Flexural strength: 27MPa
 Water absorption 0.07%

Frost proof
 Salt proof

Dilute acid and alkali resistant
 Surface burn characteristics of the material shall comply with UL 723

The nominal clear opening shall be 875mm x 875mm. Units shall be manufactured with a clear depth of 510mm.

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/PowerLok lid*, Tilemate/Pavermate access cover*, Rhinocast access cover* - see table for compatible options.

Installation

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

* delete as applicable

ACO Pty Ltd
Australia
 Ph: 1300 765 226
 www.acoaus.com.au
 sales@acoaus.com.au

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