

## Polymer Concrete

### Electrical Cable Jointing and Drawing Pits

The physical qualities of Polymer Concrete with its excellent dielectric properties, high mechanical strengths, chemical resistance and zero water absorption make it ideal for electrical applications.

#### Applications

- Carparks.
- Pavements.
- Sports venues.
- Driveways.
- Industrial sites.
- Urban distribution.
- Airports.



The unique military style cover provides a lockable cover which is removable only once the padlock is removed. The padlock is protected by a removable steel cover.



Typical uses of ACO CABLEMATE pits include providing the enclosure for floodlights to light up buildings.



Special galvanised steel wearing edge which can be supplied with Polymer Concrete pits.  
(See page 8 for further details)

*Type 52 and Type 63*



*Type 95 and Type 96 with riser*



*Type 8*



*Type 33 with riser and Type 45*



*Type 66 and Type 66H*



*Type 99*



**Features**

- Lightweight, compared to cement concrete.
- Easy to handle.
- Designed with pre-formed knockouts on all walls as a guide for simple conduit installation.
- Polymer Concrete lids marked either 'Electricity' or 'Communications' or no marking.
- Trafficable, with a range of steel covers to suit all pits.
- Range of lockable covers to suit most pits.
- Range of aesthetic, recessed steel access covers and frames to suit most pits for discreet locations.
- Manufactured from chemical and corrosion resistant Polymer Concrete.
- Easy to cut with disc grinder and masonry drill.
- No steel reinforcement.
- Easy to fit and seal dividing walls.



## Type 52 Polymer Concrete Pit

505mm x 220mm x 435mm depth

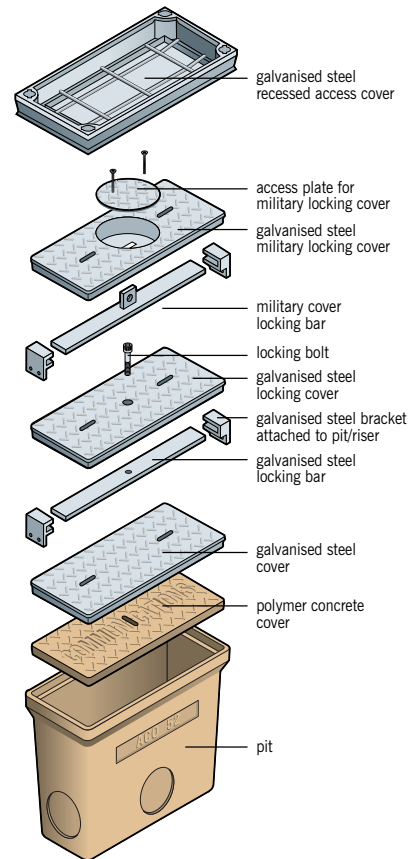


### Pit Data

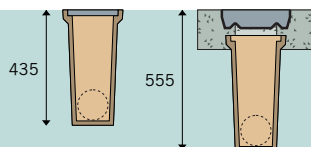
|                          | Description                                    | Part No. | Weight kg |
|--------------------------|--|----------|-----------|
| <b>150kN</b><br><b>C</b> | Type 52 Polymer Concrete Pit                   | 74651    | 18.3      |
|                          | Type 52 Polymer Concrete Pit for Locking Cover | 74668    | 18.9      |

### Cover Data

|                          | Description  | Part No. | Weight kg |
|--------------------------|--|----------|-----------|
| <b>10kN</b><br><b>A</b>  | Type 52 Polymer Concrete Lid - Blank                   | 74675    | 3.4       |
|                          | Type 52 Polymer Concrete Lid - Communications          | 74682    | 3.4       |
|                          | Type 52 Polymer Concrete Lid - Electricity             | 74696    | 3.4       |
| <b>150kN</b><br><b>C</b> | Type 52 Galvanised Steel Cover                         | 74709    | 4.9       |
|                          | Type 52 Locking Galvanised Steel Cover                 | 74713    | 4.9       |
|                          | Type 52 Military Locking Galvanised Steel Cover        | 74720    | 6.9       |
|                          | Type 52 Light Duty Recessed Access Cover - Lock & Seal | 74734    | 9.0       |



Ground Line



## Type 63 Polymer Concrete Pit

645mm x 300mm x 735mm depth



### Pit Data

| Description                                    | Part No. | Weight kg |
|--|----------|-----------|
| Type 63 Polymer Concrete Pit                   | 74747    | 48.5      |
| Type 63 Polymer Concrete Pit for Locking Cover | 74758    | 49.1      |

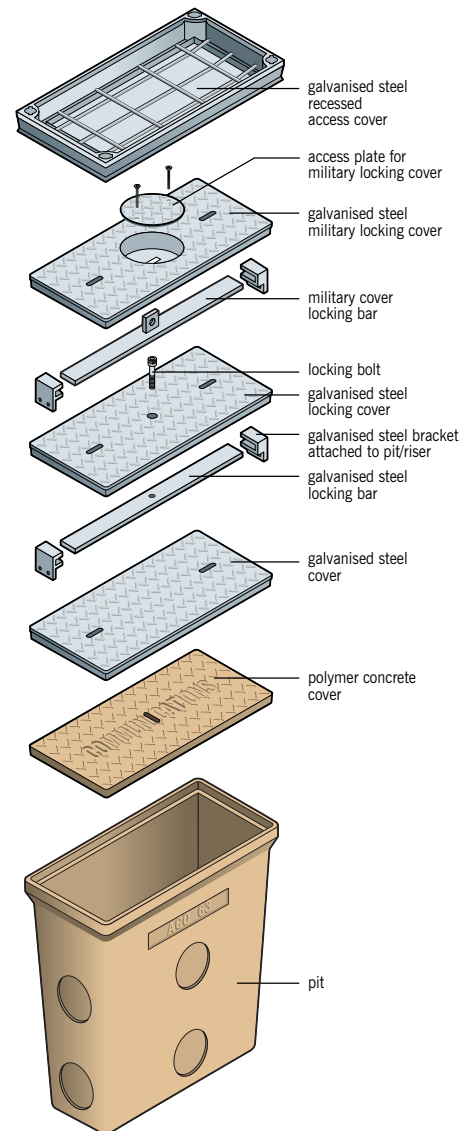
150kN  
C

### Cover Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 63 Polymer Concrete Lid - Blank                   | 74765    | 6.1       |
| Type 63 Polymer Concrete Lid - Communications          | 74772    | 6.1       |
| Type 63 Polymer Concrete Lid - Electricity             | 74786    | 6.1       |
| Type 63 Galvanised Steel Cover                         | 74793    | 9.6       |
| Type 63 Locking Galvanised Steel Cover                 | 74809    | 9.6       |
| Type 63 Military Locking Galvanised Steel Cover        | 74814    | 11.7      |
| Type 63 Light Duty Recessed Access Cover - Lock & Seal | 74820    | 12.9      |
| Type 63 Med Duty Recessed Access Cover - Lock & Seal   | 74837    | 13.1      |

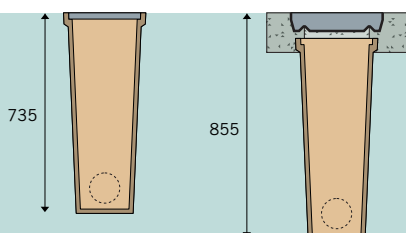
10kN  
A

150kN  
C



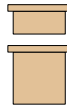
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Ground Line



## Type 95 Polymer Concrete Pit

1014mm x 507mm x 600mm depth



### Pit Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 95 Polymer Concrete Pit                               | 74845    | 72.8      |
| Type 95 Polymer Concrete Pit for Locking Cover             | 74852    | 73.4      |
| Type 95 Polymer Concrete Extension Riser                   | 74861    | 41.9      |
| Type 95 Polymer Concrete Extension Riser for Locking Cover | 74878    | 42.5      |

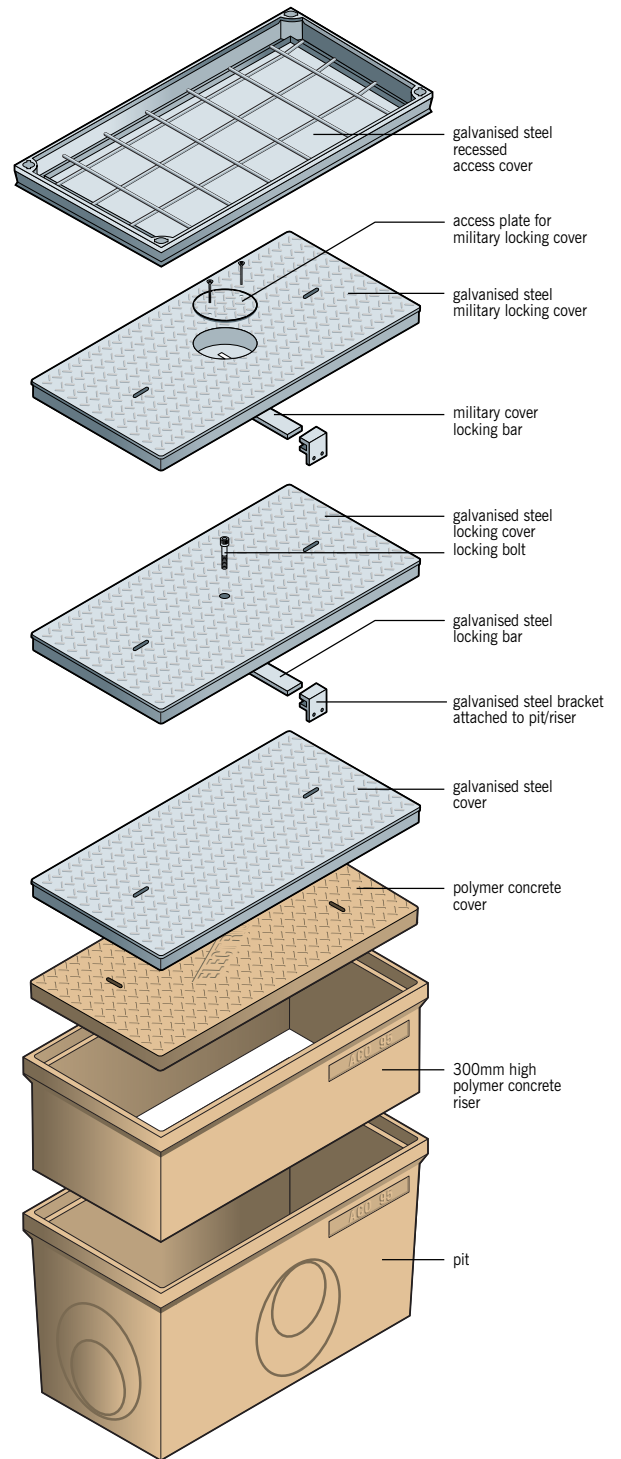
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### Cover Data

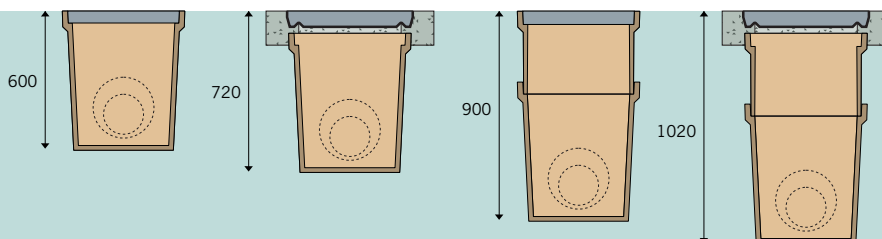
| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 95 Polymer Concrete Lid - Blank                   | 74886    | 27.2      |
| Type 95 Polymer Concrete Lid - Communications          | 74893    | 27.2      |
| Type 95 Polymer Concrete Lid - Electricity             | 74904    | 27.2      |
| Type 95 Galvanised Steel Cover                         | 74919    | 29.3      |
| Type 95 Locking Galvanised Steel Cover                 | 74925    | 29.3      |
| Type 95 Military Locking Galvanised Steel Cover        | 74937    | 31.3      |
| Type 95 Light Duty Recessed Access Cover - Lock & Seal | 74942    | 21.9      |
| Type 95 Med Duty Recessed Access Cover - Lock & Seal   | 74959    | 22.5      |

10kN  
A

150kN  
C

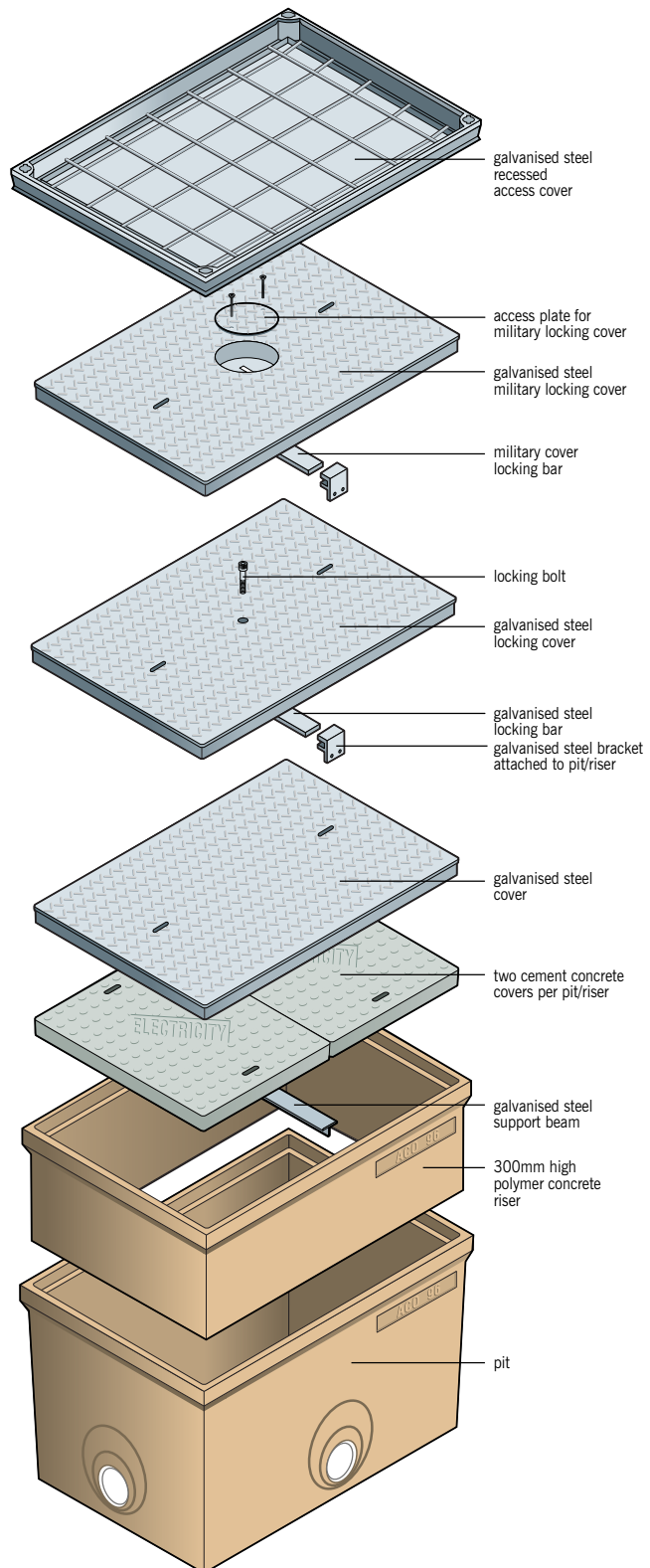
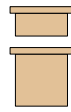


Ground Line



## Type 96 Polymer Concrete Pit

990mm x 695mm x 615mm depth



### Pit Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 96 Polymer Concrete Pit                               | 74429    | 82.6      |
| Type 96 Polymer Concrete Pit for Locking Cover             | 74575    | 83.2      |
| Type 96 Polymer Concrete Extension Riser                   | 74463    | 54.5      |
| Type 96 Polymer Concrete Extension Riser for Locking Cover | 74562    | 55.1      |

150kN  
C

### Cover Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 96 Cement Concrete Lid - Blank*                   | 74529    | 36.1      |
| Type 96 Cement Concrete Lid - Communications*          | 74532    | 36.1      |
| Type 96 Cement Concrete Lid - Electricity*             | 74547    | 36.1      |
| Type 96 Galvanised Steel Cover                         | 74512    | 42.6      |
| Type 96 Locking Galvanised Steel Cover                 | 74507    | 42.6      |
| Type 96 Military Locking Galvanised Steel Cover        | 74495    | 44.6      |
| Type 96 Light Duty Recessed Access Cover - Lock & Seal | 74963    | 26.0      |
| Type 96 Med Duty Recessed Access Cover - Lock & Seal   | 74970    | 26.8      |

10kN  
A

150kN  
C

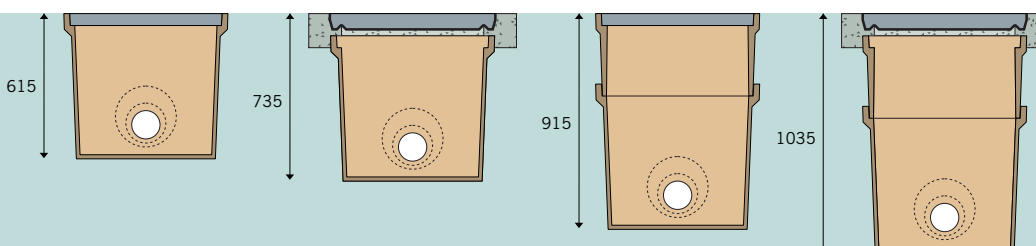
\* Two (2) covers required per pit

### Accessories

| Description                            | Part No. | Weight kg |
|--|----------|-----------|
| Type 96 'T' Support for 2 Piece Covers | 74984    | 2.6       |

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Ground Line



## Type 8 Polymer Concrete Pit

1395mm x 580mm x 900mm depth

### Pit Data

| Description                                   | Part No. | Weight kg |
|---|----------|-----------|
| Type 8 Polymer Concrete Pit                   | 74991    | 155.0     |
| Type 8 Polymer Concrete Pit for Locking Cover | 75008    | 155.6     |

150kN  
C

### Cover Data

| Description   | Part No. | Weight kg |
|---|----------|-----------|
| Type 8 Cement Concrete Lid - Blank*                     | 75015    | 40.1      |
| Type 8 Cement Concrete Lid - Communications*            | 75022    | 40.1      |
| Type 8 Cement Concrete Lid - Electricity*               | 75036    | 40.1      |
| Type 8 Galvanised Steel Cover                           | 75049    | 41.1      |
| Type 8 Locking Galvanised Steel Cover                   | 75053    | 41.1      |
| Type 8 Military Locking Galvanised Steel Cover          | 75060    | 43.1      |
| Type 8 Light Duty Recessed Access Cover - Lock & Seal** | 75074    | 26.2      |
| Type 8 Med Duty Recessed Access Cover - Lock & Seal**   | 75087    | 26.8      |

10kN  
A

150kN  
C

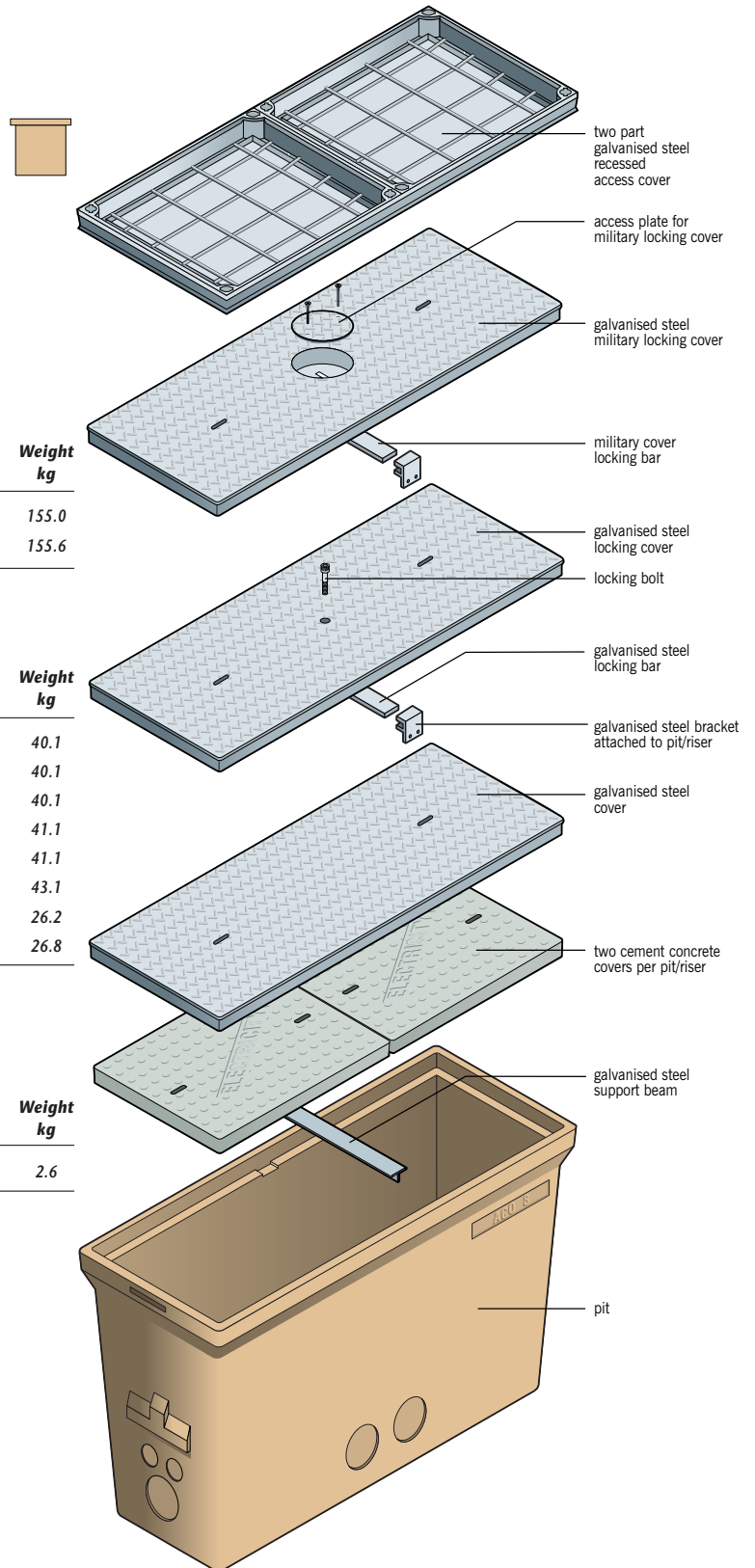
\* Two (2) covers required per pit

\*\* Access Cover has two (2) covers

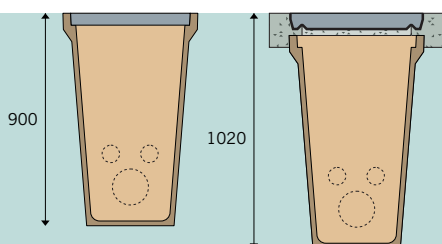
### Accessories

| Description   | Part No. | Weight kg |
|---|----------|-----------|
| Type 8 'T' Support for 2 Piece Cement Concrete Covers | 75098    | 2.6       |

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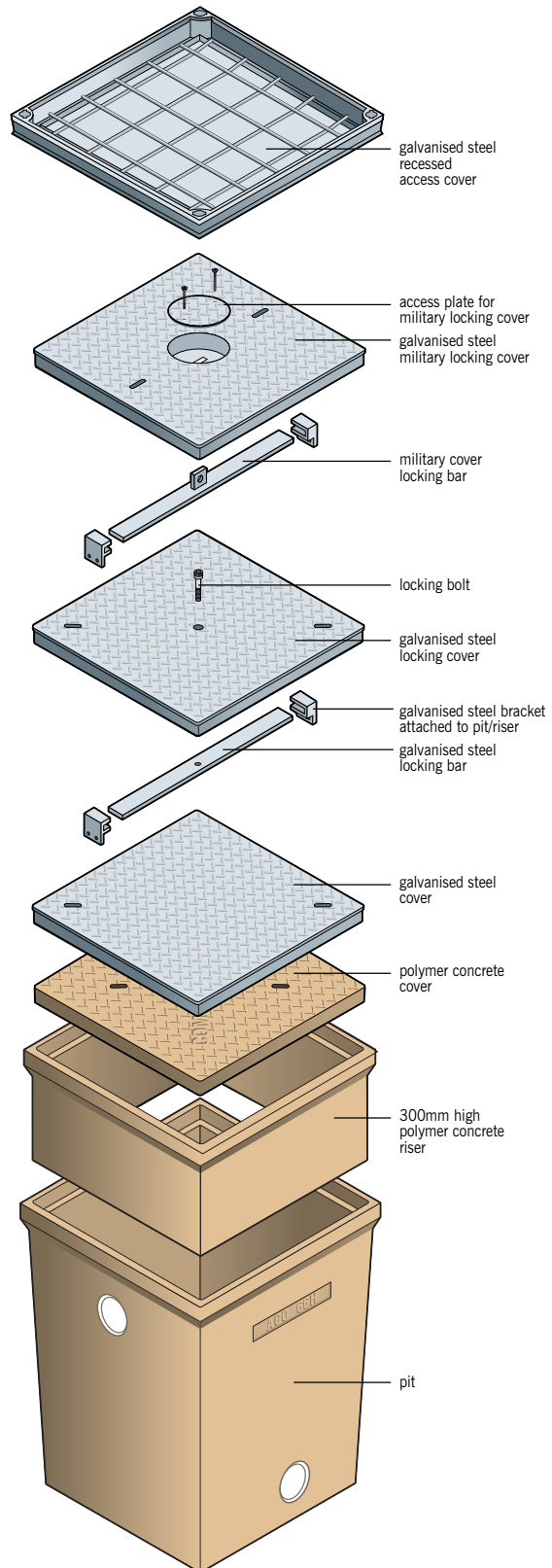
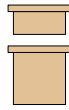
Ground Line



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### Type 66H Polymer Concrete Pit

667mm x 667mm x 915mm depth



### Pit Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 66H Polymer Concrete Pit                              | 75226    | 86.4      |
| Type 66H Polymer Concrete Pit for Locking Cover            | 75233    | 87.0      |
| Type 66 Polymer Concrete Extension Riser                   | 75126    | 27.4      |
| Type 66 Polymer Concrete Extension Riser for Locking Cover | 75133    | 28.0      |

150kN  
C

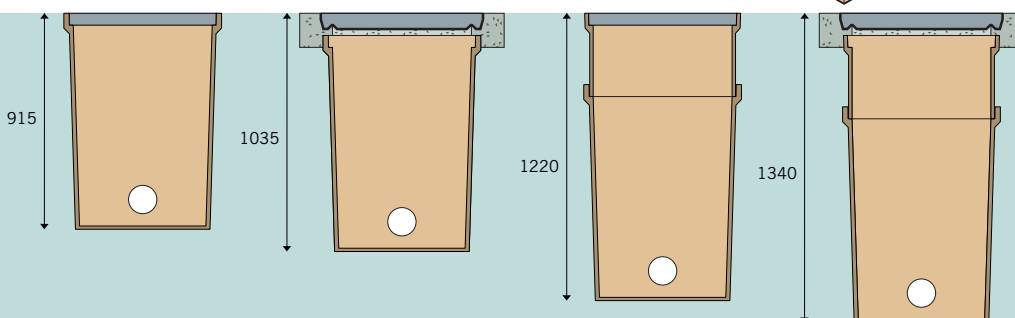
### Cover Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 66 Polymer Concrete Lid - Blank                   | 75149    | 24.2      |
| Type 66 Polymer Concrete Lid - Communications          | 75154    | 24.2      |
| Type 66 Polymer Concrete Lid - Electricity             | 75160    | 24.2      |
| Type 66 Galvanised Steel Cover                         | 75177    | 26.9      |
| Type 66 Locking Galvanised Steel Cover                 | 75185    | 26.9      |
| Type 66 Military Locking Galvanised Steel Cover        | 75192    | 28.9      |
| Type 66 Light Duty Recessed Access Cover - Lock & Seal | 75201    | 20.3      |
| Type 66 Med Duty Recessed Access Cover - Lock & Seal   | 75218    | 20.6      |

10kN  
A

150kN  
C

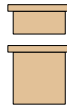
Ground Line





## Type 33 Polymer Concrete Pit

340mm x 340mm x 450mm depth



### Pit Data

150kN  
C

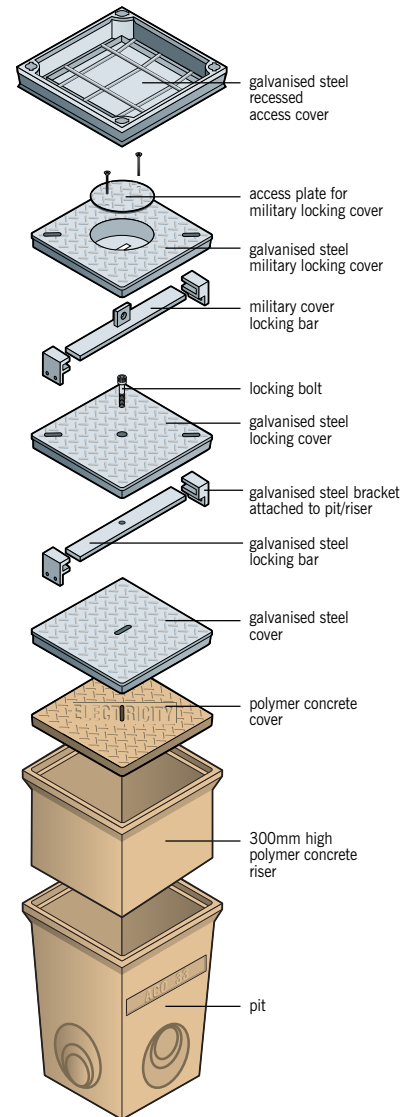
| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 33 Polymer Concrete Pit                               | 75244    | 17.7      |
| Type 33 Polymer Concrete Pit for Locking Cover             | 75259    | 18.3      |
| Type 33 Polymer Concrete Extension Riser                   | 75265    | 13.9      |
| Type 33 Polymer Concrete Extension Riser for Locking Cover | 75277    | 14.5      |

### Cover Data

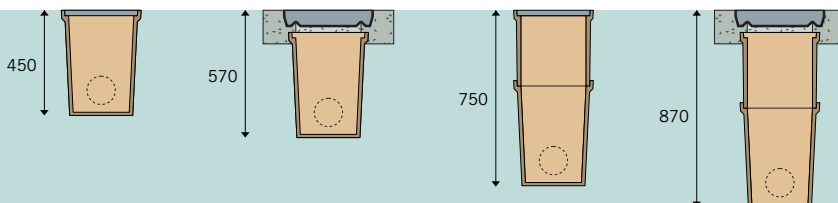
10kN  
A

150kN  
C

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 33 Polymer Concrete Lid - Blank                   | 75282    | 3.4       |
| Type 33 Polymer Concrete Lid - Communications          | 75299    | 3.4       |
| Type 33 Polymer Concrete Lid - Electricity             | 75303    | 3.4       |
| Type 33 Galvanised Steel Cover                         | 75310    | 5.4       |
| Type 33 Locking Galvanised Steel Cover                 | 75324    | 5.4       |
| Type 33 Military Locking Galvanised Steel Cover        | 75331    | 7.4       |
| Type 33 Light Duty Recessed Access Cover - Lock & Seal | 75348    | 9.9       |
| Type 33 Med Duty Recessed Access Cover - Lock & Seal   | 75355    | 10.0      |

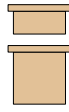


Ground Line



## Type 45 Polymer Concrete Pit

505mm x 505mm x 600mm depth



### Pit Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 45 Polymer Concrete Pit                               | 75362    | 42.3      |
| Type 45 Polymer Concrete Pit for Locking Cover             | 75376    | 42.9      |
| Type 45 Polymer Concrete Extension Riser                   | 75389    | 24.6      |
| Type 45 Polymer Concrete Extension Riser for Locking Cover | 75393    | 25.2      |

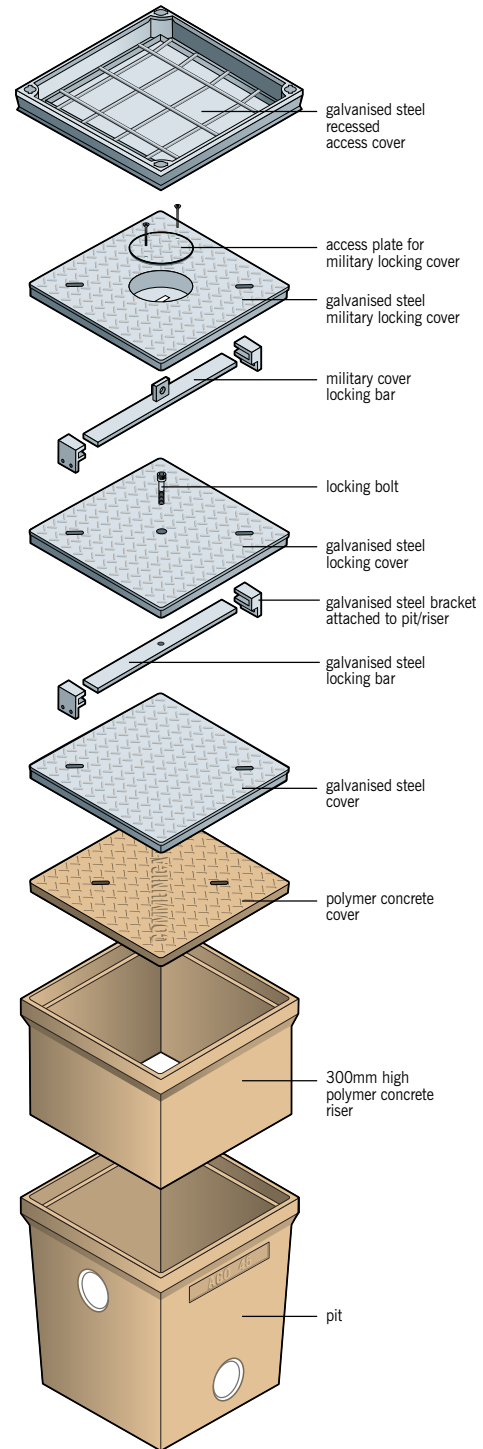
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C

### Cover Data

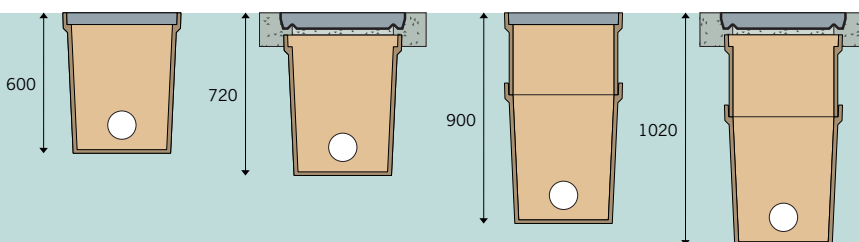
| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 45 Polymer Concrete Lid - Blank                   | 75400    | 11.3      |
| Type 45 Polymer Concrete Lid - Communications          | 75414    | 11.3      |
| Type 45 Polymer Concrete Lid - Electricity             | 75427    | 11.3      |
| Type 45 Galvanised Steel Cover                         | 75438    | 15.9      |
| Type 45 Locking Galvanised Steel Cover                 | 75445    | 15.9      |
| Type 45 Military Locking Galvanised Steel Cover        | 75452    | 17.9      |
| Type 45 Light Duty Recessed Access Cover - Lock & Seal | 75466    | 14.6      |
| Type 45 Med Duty Recessed Access Cover - Lock & Seal   | 75473    | 14.8      |

10kN  
A

150kN  
C



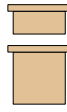
21  
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Ground Line

## Type 66 Polymer Concrete Pit

665mm x 665mm x 615mm depth

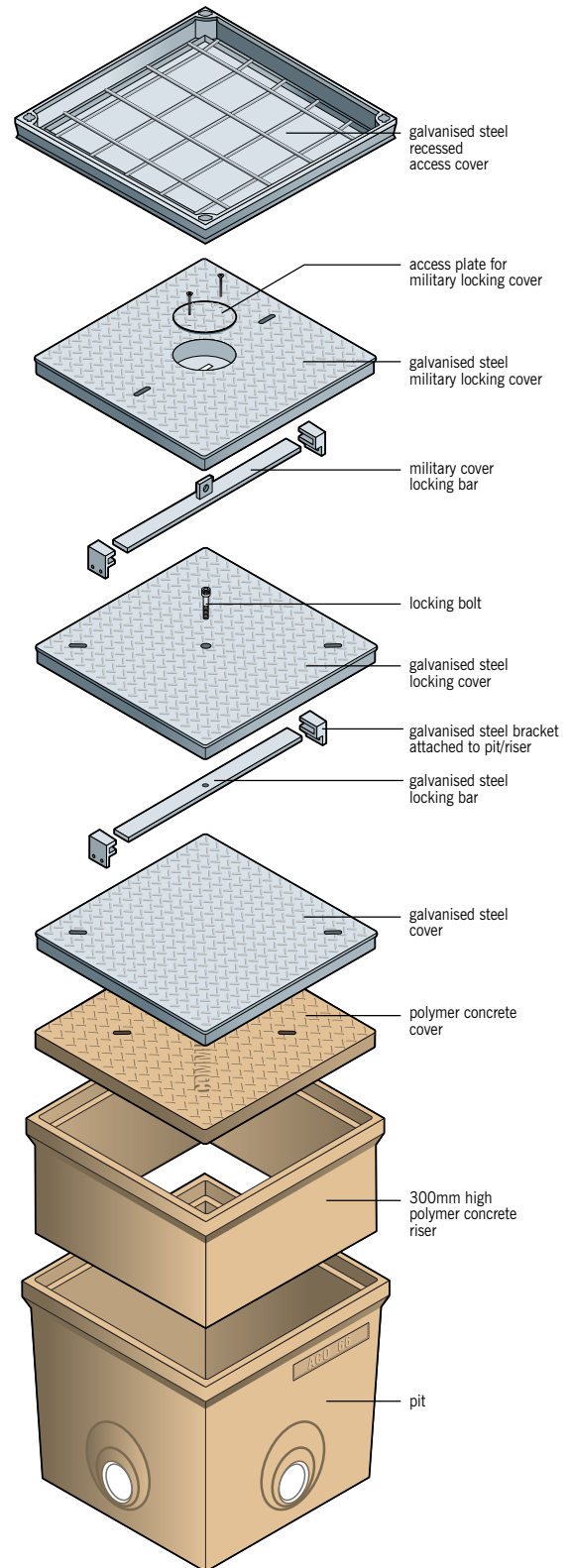


### Pit Data

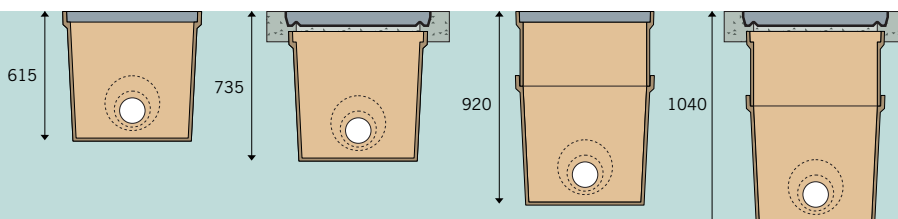
|            | Description  | Part No. | kg   |
|------------|--|----------|------|
| 150kN<br>C | Type 66 Polymer Concrete Pit                               | 75105    | 61.8 |
|            | Type 66 Polymer Concrete Pit for Locking Cover             | 75112    | 62.4 |
|            | Type 66 Polymer Concrete Extension Riser                   | 75126    | 27.4 |
|            | Type 66 Polymer Concrete Extension Riser for Locking Cover | 75133    | 28.0 |

### Cover Data

|            | Description  | Part No. | kg   |
|------------|--|----------|------|
| 10kN<br>A  | Type 66 Polymer Concrete Lid - Blank                   | 75149    | 24.2 |
|            | Type 66 Polymer Concrete Lid - Communications          | 75154    | 24.2 |
|            | Type 66 Polymer Concrete Lid - Electricity             | 75160    | 24.2 |
| 150kN<br>C | Type 66 Galvanised Steel Cover                         | 75177    | 26.9 |
|            | Type 66 Locking Galvanised Steel Cover                 | 75185    | 26.9 |
|            | Type 66 Military Locking Galvanised Steel Cover        | 75192    | 28.9 |
|            | Type 66 Light Duty Recessed Access Cover - Lock & Seal | 75201    | 20.3 |
|            | Type 66 Med Duty Recessed Access Cover - Lock & Seal   | 75218    | 20.6 |

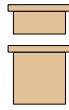


Ground Line



## Type 99 Polymer Concrete Pit

1010mm x 1010mm x 575mm depth



### Pit Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 99 Polymer Concrete Pit                               | 75489    | 136.7     |
| Type 99 Polymer Concrete Pit for Locking Cover             | 75494    | 137.3     |
| Type 99 Polymer Concrete Extension Riser                   | 75500    | 69.3      |
| Type 99 Polymer Concrete Extension Riser for Locking Cover | 75517    | 69.9      |

150kN  
C

### Cover Data

| Description  | Part No. | Weight kg |
|--|----------|-----------|
| Type 99 Polymer Concrete Lid - Blank*                    | 75525    | 27.2      |
| Type 99 Polymer Concrete Lid - Communications*           | 75532    | 27.2      |
| Type 99 Polymer Concrete Lid - Electricity*              | 75541    | 27.2      |
| Type 99 Galvanised Steel Cover                           | 75558    | 71.1      |
| Type 99 Locking Galvanised Steel Cover                   | 75566    | 71.1      |
| Type 99 Military Locking Galvanised Steel Cover          | 75573    | 73.1      |
| Type 99 Light Duty Recessed Access Cover - Lock & Seal** | 75584    | 34.2      |
| Type 99 Med Duty Recessed Access Cover - Lock & Seal**   | 75599    | 34.9      |

10kN  
A

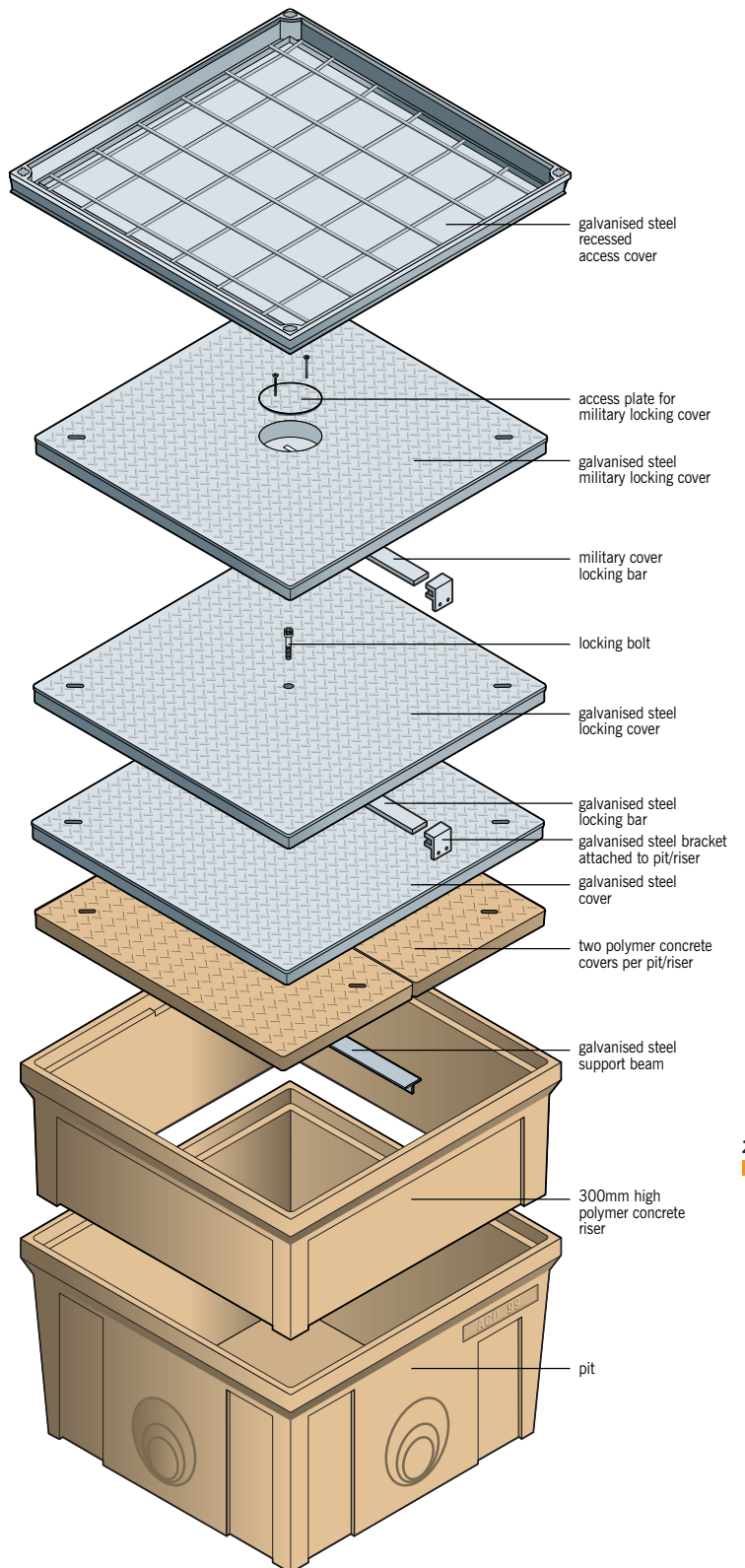
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C

\* Denotes two (2) covers required per pit

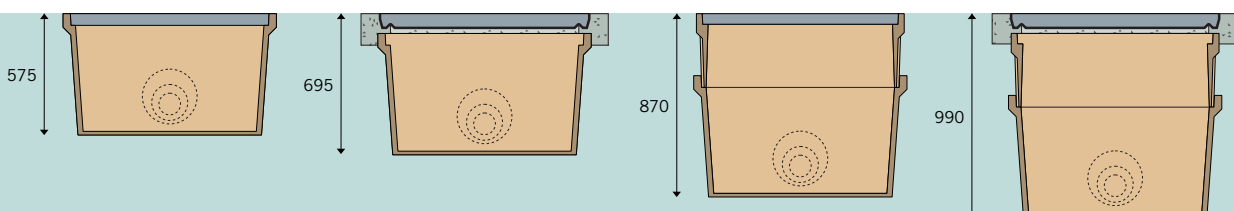
\*\* Access Cover has two (2) covers

### Accessories

| Description   | Part No. | Weight kg |
|---|----------|-----------|
| Type 99 'T' Support for 2 Piece Polymer Concrete lids | 75605    | 3.7       |



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III



Ground Line