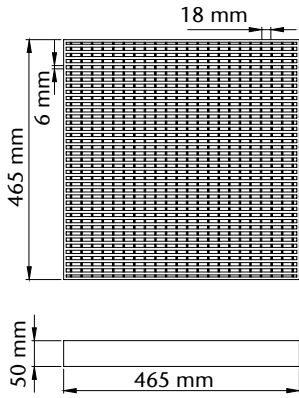
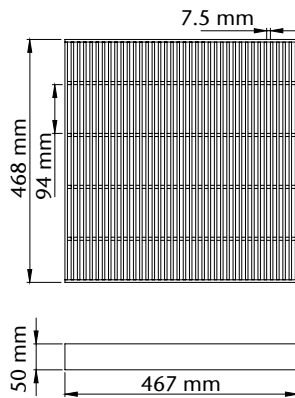


**Type 45 Polycrete® Pit – polymer concrete pit and grate**

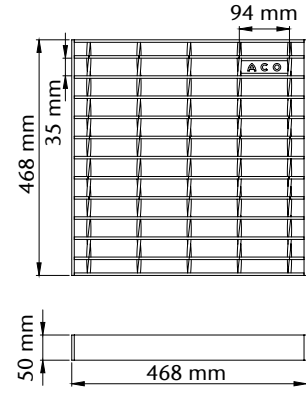
**Stainless 5 Star grate**



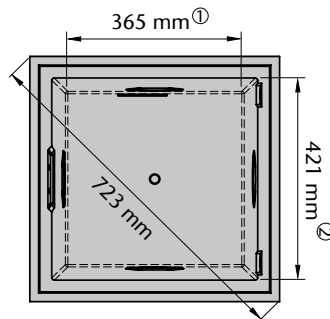
**Galvanised Heelguard grate**



**Galvanised Transverse grate**

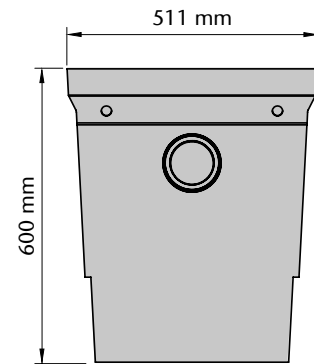
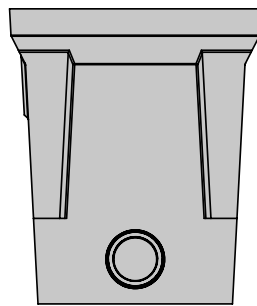
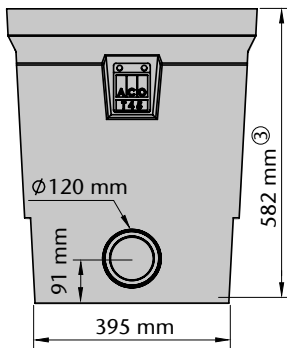


**Drainage pit**



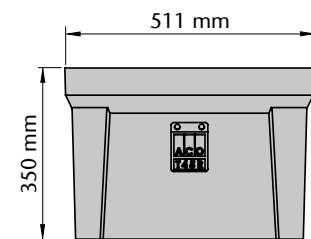
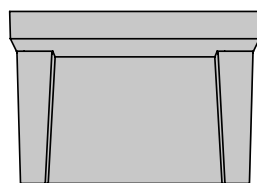
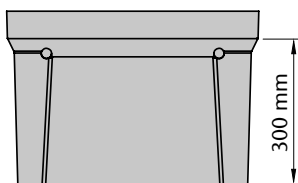
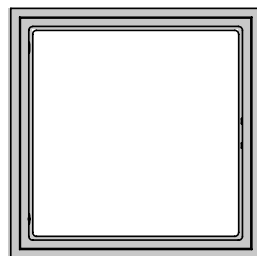
**Key**

- ① Clear working dimension at pit base.
- ② Clear working dimension at pit opening.
- ③ Pit invert depth.



**Optional riser**

- each riser adds up to 300mm height



ACO Specification Information

## ACO DRAIN®

### Type 45 Polycrete® Pit – polymer concrete pit and grate

| Pit/riser and grates  |          |                |                                |             |
|---|----------|----------------|--------------------------------|-------------|
| Descriptions  | Part No. | Slot Size (mm) | Intake Area (mm <sup>2</sup> ) | Weight (kg) |
| Type 45 Polymer concrete pit  | 77024    | -              | -                              | 45          |
| Type 45 Polymer concrete riser  | 77048    | -              | -                              | 26          |
| Type 45 Stainless 5 Star <b>Heelsafe</b> ® Anti-Slip grate (330kg nominal wheel load)           | 141809   | 18 x 6         | 96,460                         | 8.5         |
| Type 45 Stainless 5 Star <b>Heelsafe</b> ® Anti-Slip grate - locking (330kg nominal wheel load) | 142074   | 18 x 6         | 96,460                         | 8.5         |
| Type 45 Galvanised Heelguard grate (2,670kg nominal wheel load)                                 | 90045    | 94 x 7.5       | 116,875                        | 27.8        |
| Type 45 Galvanised Heelguard grate - locking (2,670kg nominal wheel load)                       | 78679    | 94 x 7.5       | 116,875                        | 27.8        |
| Type 45 Galvanised Transverse grate (2,670kg nominal wheel load)                                | 78682    | 94 x 35        | 170,000                        | 9.8         |
| Type 45 Galvanised Transverse grate - locking (2,670kg nominal wheel load)                      | 78699    | 94 x 35        | 170,000                        | 9.8         |
| Type 45 Galvanised Transverse grate (5,000kg nominal wheel load)                                | 77624    | 94 x 35        | 170,000                        | 13.9        |
| Type 45 Galvanised Transverse grate - locking (5,000kg nominal wheel load)                      | 77639    | 94 x 35        | 170,000                        | 13.9        |

#### Notes:

1. Locking grate includes bar and brackets.
2. Stainless steel grade 304.

#### Specifications

The grated pit shall be ACO Drain® - Type 45 Polycrete® Pit – polymer concrete pit and grate as manufactured by ACO.

Type 45 pit and risers\* shall be manufactured from polyester resin polymer concrete and installed in accordance with the manufacturer's installation instructions.

Type 45 pits have a clear opening of 421mm x 421mm with an invert depth of 582mm. The overall dimensions of the Type 45 pit is 511mm x 511mm x 600mm deep. Type 45 risers add 300mm to the overall depth of the pit.\*

Grate for the Type 45 pit shall be standard non-locking / locking\* and grate type:

- Stainless 5 Star **Heelsafe**® Anti-Slip grate (330kg nominal wheel load).\*
- Galvanised Heelguard grate (2,670kg nominal wheel load).\*
- Galvanised Transverse grate (2,670kg nominal wheel load).\*
- Galvanised Transverse grate (5,000kg nominal wheel load).\*

\* delete as applicable

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