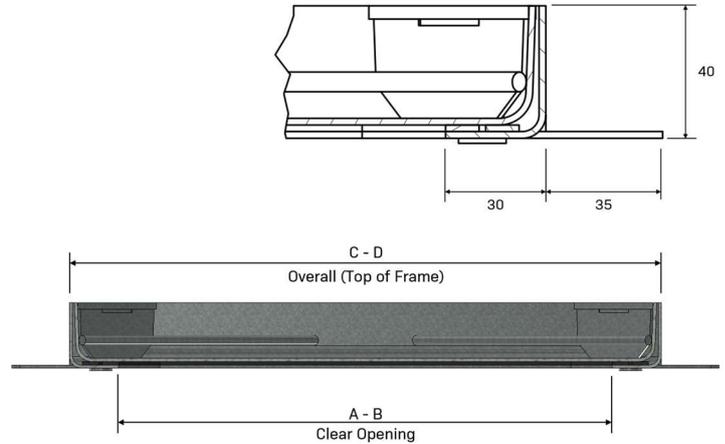
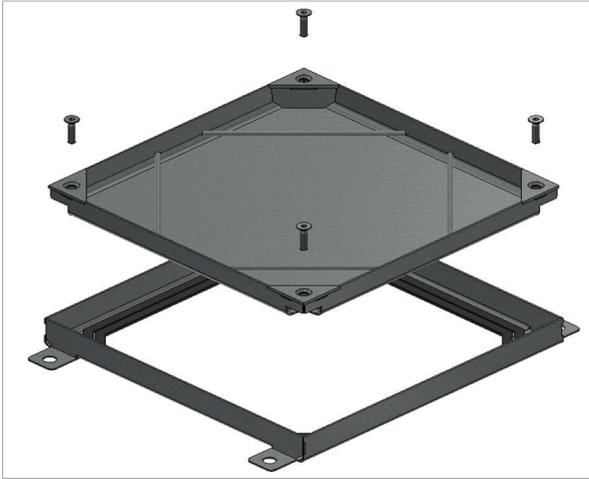


Broadstel-Shallow

Shallow Slide-Out Recessed Tray



Specification Info:

- Shallow Recessed Tray.
- Slide-Out Design.
- Double EPDM rubber gasket airtight sealed (-20 to +100 degree C).
- 4 Screw locked.
- Hook key corner lifting points.
- Bars in base for floor finish bedding tie in.
- Galvanised and certified to BS EN ISO 1461.

Special Options (Refer to Specific Datasheet):

- Plain seated – unsealed (Unlocked).
- Single EPDM rubber sealed (Unlocked).
- Triple sealed – double EPDM rubber sealed and locked, c/w additional inner sealing plate (Airtight and water resistant).
- Security screw locking (Torx-pin).
- Any tray/overall depth required., (Some standard depths - 30mm, 75mm, 80mm, 100mm).
- Square to round, Circular opening to suit PPIC.
- Fully stainless (Grade 304).
- Fully stainless (Grade 316).

Loading:

- FACTA AAA:
2.5 tonne slow moving wheel load.
10tonne gross laden vehicle weight.
Loading based on being filled with C30 concrete.

PN - Steel equivalent loadings to BS EN 124 but for slow moving areas of 20mph or less.

Infill:

As standard the cover can take all infills:

- Screed/Concrete infill with finishes like Vinyl, Laminate, Tile, Carpet and Wood.
- Screed/Cement bedding and solid infills like Porcelain and Sandstone. Anything up to 15mm depth.
- Screed/Cement bedding and decorative infills like Textured Concrete and Resin Bound Gravel.

By removing tie bars on site, they can take infills:

- Resin bonding and anything solid up to 30mm depth.

Product Dimensions:

- A - B Clear opening to be specified by client or as per quotation provided by us based on manhole details supplied.
- C - D Overall top of frame size (visible edge when fitted) = $c/o + 60\text{mm}$.
- Overall complete unit size Including building in lugs = $a/a + 70\text{mm}$ on one dimension (shortest if rectangular size is specified).
- Overall frame depth = 40mm.
- Internal tray depth = 34mm.

Stock sizes shown below (clear opening):

300x300, 450x450, 600x450, 600x600, 675x675, 750x600, 750x750, 900x600.
Clear opening larger than 0.6m², twin design is recommended.

Recommended rebate size for fitting = 100mm wide (75mm min) x 65mm deep (55mm min).

Accessories:

- Hook lifting key (each).
- M12 through bolts for frame fixing (4no).
- Replacement locking screws (4no M8x40mm CSK allen head machine screw).
- Upgrade security screws (4no M8x40mm CSK torx-pin head machine screw).
- Replacement EPDM rubber seal (10x5mm self-adhesive).

Fitting:

- Unit must be fitted with cover in the frame.
- Minimum 15mm rapid set bedding mortar recommended.
- Additional concrete surround of 20mm covering in building in lugs.
- Alternatively, the frame can be bolted down through the 13mm holes in the lugs. Fixings not provided – see accessories.
- Leave screws in unit when filling with screed and floor finish.

Access:

- Cover to be lifted using hook lifting keys via corner lifting points.
- 4no lifting keys required for two-person lift-out.
- 2no lifting keys required for slide-out (protect flooring before sliding cover out).

Maintenance:

- 6-month maintenance recommended.
- Removal of screws and re-greasing.
- Removal of cover and light brush to clean debris from frame seating.
- Visual check of EPDM rubber gasket seal (replace if missing or broken).
- Ensure screws aren't cross threaded when refitting.
- M8 tap required for rivet-nuts if thread gets damaged.