

FFOB-522 – Floor Outlet Box General Guide to Installation

A..) Prepare area for installation

1..) Raised Floor

Cut rectangular hole in floor at desired location and ensure there is a minimum 60mm depth clearance for outlets. The required cut-out size is 247mm x 147mm. Ensure sides are straight and accurate for ease of fitting. Floor box lid & frame will fix directly to floor tile* without steel box body.

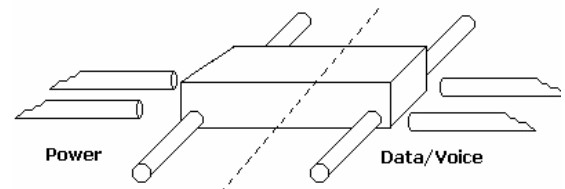
*NOTE: Additional clamps/claw fixings may be necessary to cater for different floor thickness.(see below)

2..) Slab/Screed Installation

Secure steel box body housing (285 x 187 x 65mm) to structural slab or (recommended option) within preformed recess/blockout. Ensure box body is positioned to finish flush & level with final slab surface and is secured to prevent 'dipping' or 'floating' within screed.

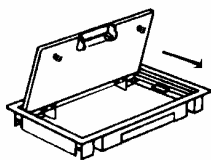
Positioning and securing the box body accurately will prevent operation/installation problems at later stages.

Connect conduits to steel box body at desired locations and cover opening in box body to prevent screed entering box.



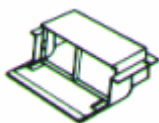
B..) Floor Box Lid & Frame Installation

Floor surface (carpet, vinyl etc...) is to be laid first and trimmed to size of opening in steel box body or to size of aperture in raised floor.



Remove lid of floor box assembly - by moving one hinge point of the lid towards front of floor box to disengage. Floor contractor is then to cut and fit floor finish into the rebate in the floor box lid. Steel lid support plate may be used as cutting guide – ensure it is refitted for lid rigidity.

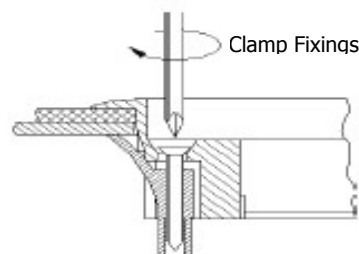
Fit the FFOB-522 frame into the mounting space created in Step A..) by slackening fixing clamps back to 'One Turn From Off' then easing the unit into place. Secure the frame by tightening clamps until solid – **do not overtighten**. The standard clamps supplied with the FFOB-522 fix to floor depths of 5mm to 15mm. Clamps for depths up to 50mm are available to order.



Feed cables through rear of the apparatus boxes (to which the outlets mount). Use strain relief clamps. Terminate outlets, snap outlets into the apparatus boxes, then push apparatus boxes into place within the frame & ensure they are secure.

Replace floor box lid by placing one hinge point into position and slide other side along frame wall until it engages into the hinge position.

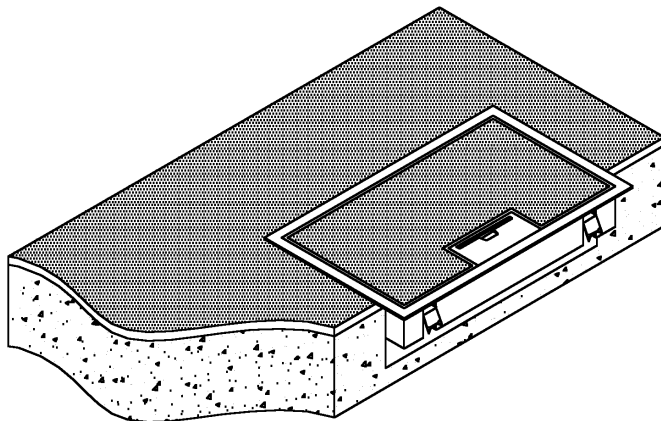
Test the operation of the unit.



Data plates...
522BP – Blank Plate 50x50mm
5221D – Data Plate c/w 1x Mech Mounting Clip

CS1clamps- 15-35mm Clamp Set
CS2clamps- 35-50mm Clamp Set
CC Claws - Cavity Fixing Claws

Assembly Diagram Cat No. FFOB-522

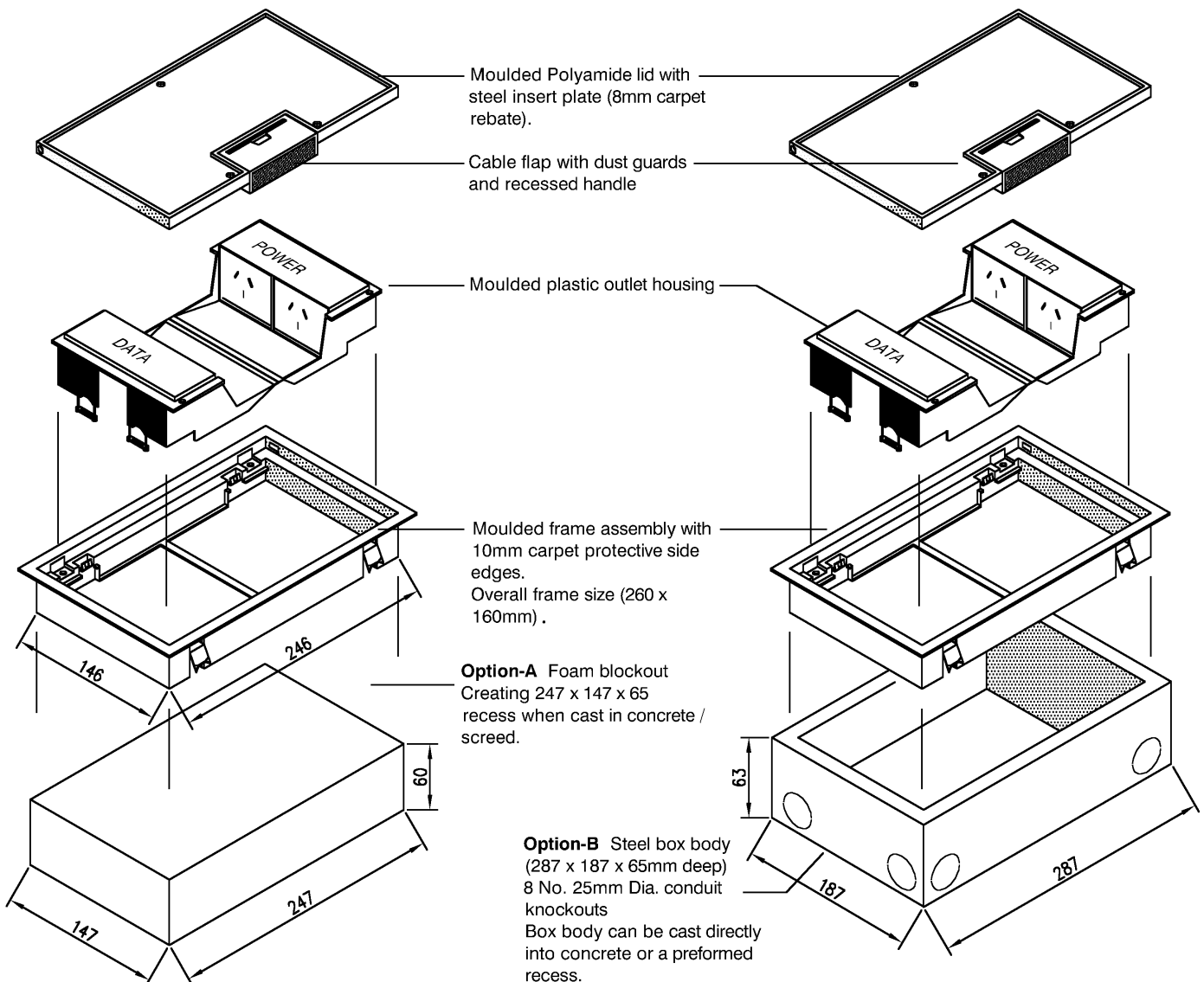


RECOMMENDED / STANDARD OPTION

Option - A Foam blockout

Features:

Option - B Steel box body



Recess Size Option - B
Nom. 307 x 207 x 75mm deep