

EZ-Drawer - Installation Instructions

Thank you for purchasing the Fold Down Pro EZ-Drawer. Your pack contents will contain the EZ-Drawer with the front corner pieces yet to be incorporated, the lock nuts for the corner pieces and the fixing screws for the frame and the toe-kick plate. The EZ-Drawer can be installed in a bathroom vanity closet, wardrobe or any other suitable location of your choice.

Step 1 - Complete the assembly by installing the corner pieces

Fig.1 to the left shows the EZ-drawer with the front corner pieces installed. To install the corner pieces, simply rotate the spring and hook it through the holes provided in the telescopic rails. Line up the holes in the side of the corner pieces with the projecting bolts. Level up as neatly as possible while ensuring the hooked part of the spring remains in the holes of the telescopic rail and install the lock nuts provided.

Step 2 - Note the fixing hole locations

Fig.2 shows the fixing locations for the EZ-Drawer. The main structural fixing locations are FL1 to 3, FR1 to 3 and R1 to R4. The fixing holes denoted FP1 to FP5 are provided to fix the toe-kick plate to the front of the EZ-Drawer. The pack contents include the following fixing screws;

- 10 no. 3,0 x 12,0mm screws (For FP1 to FP5) for the toe-kick plate. It will be sufficient to use three of the fixing holes (top and bottom or staggered top to bottom between fixing holes).
- 10 no. 3,5 x 21,0mm screws (For locations FL1 to FL3, FR1 to FR3 and R1 to R4).

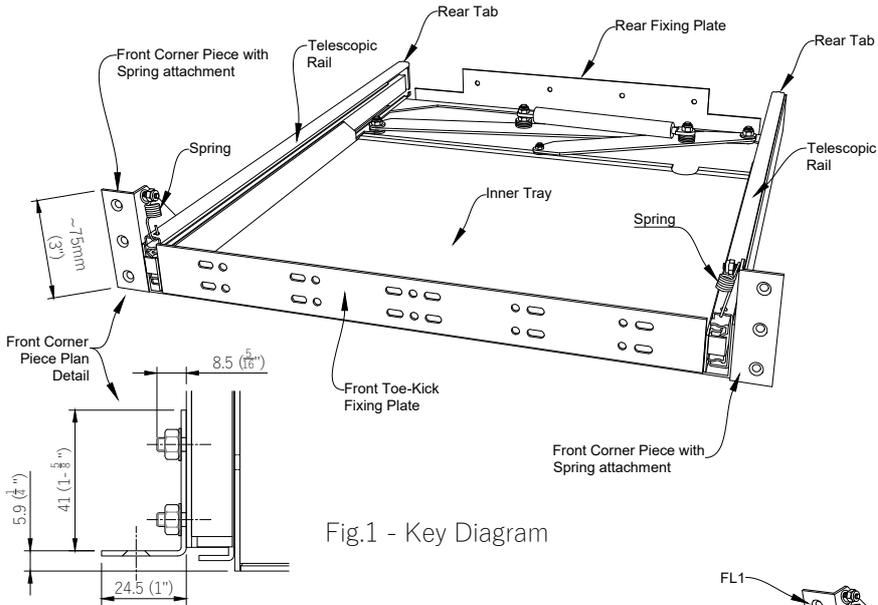


Fig.1 - Key Diagram

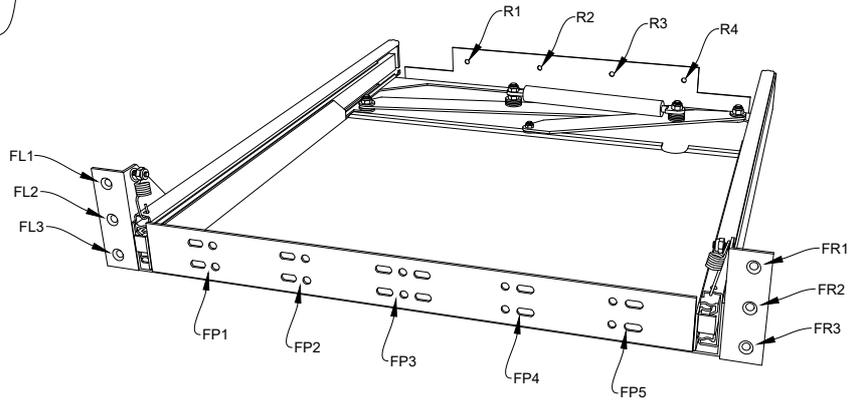


Fig.2 - EZ-Drawer Fixing Hole Locations

Step 3 - Install the EZ-Drawer into the rough opening

The base of the EZ-Drawer must be level with the floor outside of the rough, the area where the drawer will be projected out too. In cases where the tiling or floor covering does not extend under the cabinet, measures should be taken to build-up the levels so that the base of the EZ-Drawer and the floor are level in so far as possible. The floor covering should be a smooth type i.e. linoleum, tiles, timber. The EZ-Drawer is not suitable for use with carpet.

The minimum height required to install the EZ-Drawer is 75mm (3") as indicated in Fig.1 above. Typical sections of the heights required are indicated in Fig.'s 7 & 8 over.

The minimum rough opening dimensions are indicated in Fig.4 below and the actual EZ-Drawer dimensions are shown in Fig.3. The rough opening should be at least 474mm (18-11/16") deep. The fixing plate at the rear of the EZ-Drawer is 9mm (3/8") forward of the absolute back of the drawer due to the presence of 2 projecting tabs. It will be necessary to built out the rear of the rough opening with 9mm (3/8") board to bring the structure up to the fixing locations in the rear fixing plate, while leaving approximately 25mm (1") at each side to accommodate the projecting tabs.

If the opening was slightly less, say 465mm (18 5/16"), it would be possible to use a Spade Bit on a drill to cut overlapping holes in the back of the cabinet (masonry, plaster, plasterboard or timber, if they have adequate thickness) to a depth of 13mm (1/2") and chisel them out to accommodate the rear tab projections.

It may also be possible to reduce the toe-kick plate thickness to save on depth. The EZ-Drawer is designed to accommodate a 13mm (1/2") toe-kick plate attached to the front of the drawer and this will line up with a 19mm (3/4") toe board of the cabinet.

The front corner pieces and the 2 nuts to attach the corner pieces to the main drawer body will project outside of the main body of the drawer (Refer to Fig.6). Provisions will need to be made in the surrounding opening and/or the toe-kick board to allow for these projections.

Fig.5 (over) shows a typical construction detail for the rough opening required. It indicates 50x100mm (2x4") corner blocks with 19mm (3/4") sides and toe kick base. The actual construction is up to the installer and you just need to make sure that the fixing locations are available.

Step 3 - Alternative for Retro-fitting the EZ-Drawer

When installing the EZ-Drawer in an existing cabinet, if the cabinet toe-kick board can be removed and the structure described in Fig.'s 4 & 5 or similar installed, it will be possible to slide the EZ-Drawer into the opening and fix the drawer in place using the fixing holes described in Fig. 2 above. It may be possible to re-use the toe-kick board by accurately marking and cutting the hole for the EZ-Drawer toe-kick face.

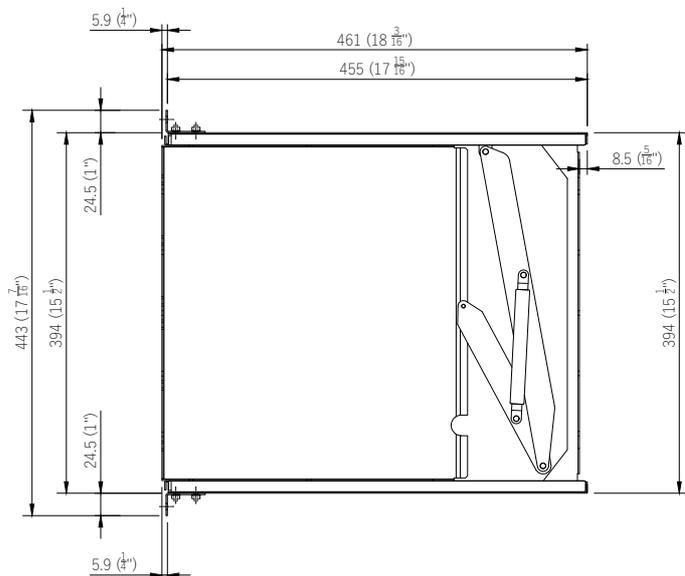


Fig.3 - EZ-Drawer Dimensions

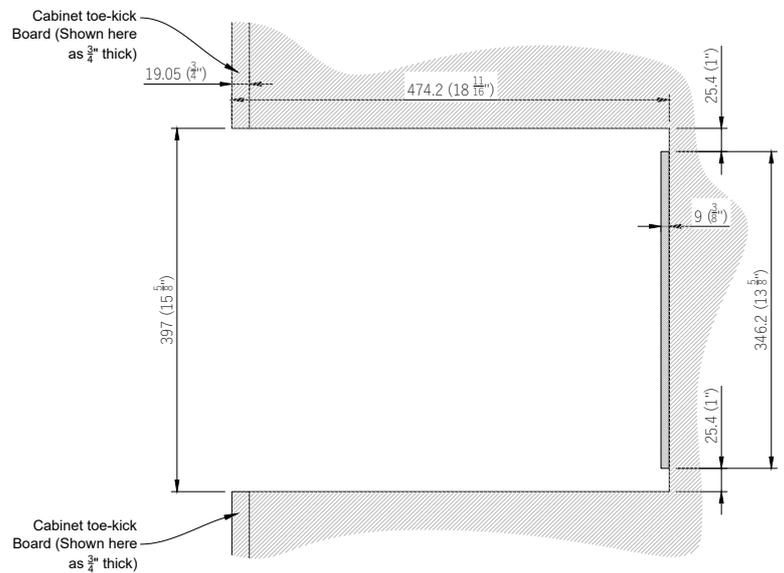


Fig.4 - EZ-Drawer Minimum Rough Opening Dimensions

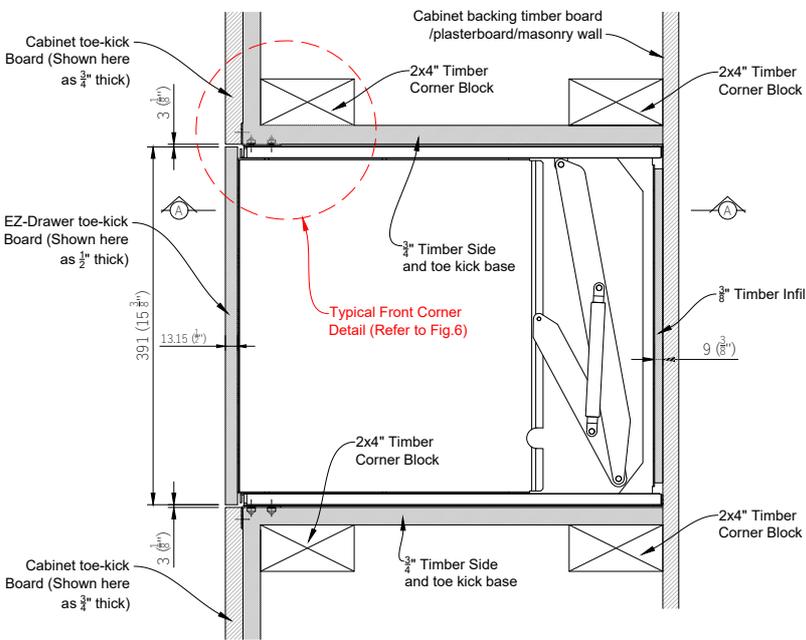


Fig.5 - EZ-Drawer Typical Rough Opening Drawing

Rough Opening Guide

Fig. 5 to the left shows a basic rough opening for example. There are many ways to achieve the rough opening and for your particular situation, you should consult with your cabinet maker to arrive at the best option for your particular circumstances.

Fig. 6 below is a blown up version of the front corner of the rough opening and shows the corner piece with the corner piece bolts. It is important to leave allowances in the cabinet toe-kick board and the timber side for the thickness of the corner piece and the bolt projections.

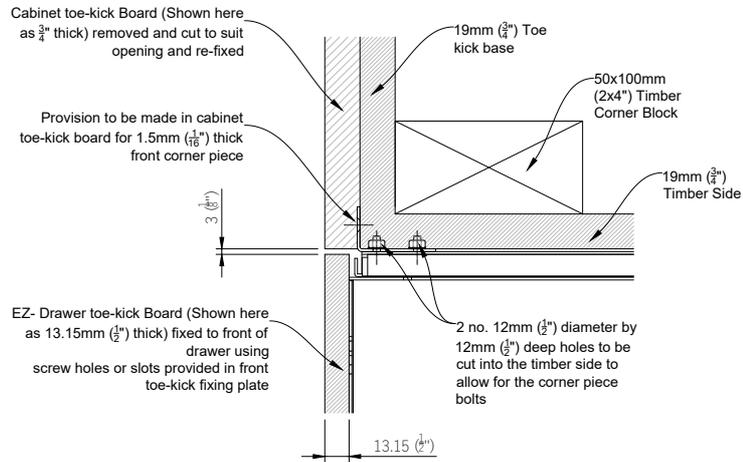


Fig.6 - EZ-Drawer Typical Front Corner Detail

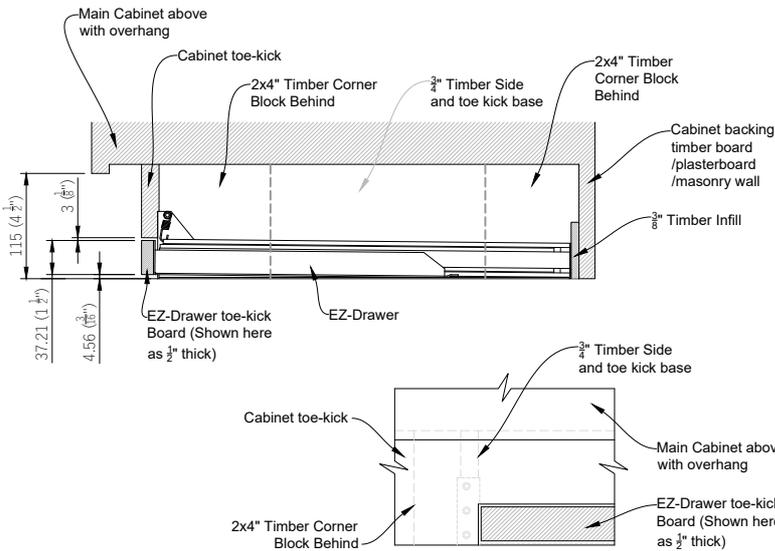


Fig.7 - EZ-Drawer Typical Section A-A - Low Profile Toe-kick

Step 4 - Installing the front toe-kick for the EZ-Drawer

Fig. 7 shows the lowest profile toe-kick with a 3mm (1/8 inch) surround gap. The EZ-Drawer toe-kick board should be cut to size to suit the opening less the surround gap of 3mm (1/8 inch) around the top and sides and the 4.56mm (3/16 inch) at the bottom.

The bottom of the toe-kick should be in line and not below the base of the EZ-Drawer. This will leave a gap of approximately 4.56mm (3/16 inch) between the bottom of the toe-kick and the floor. This is to allow for the spring when weight is applied to the fully projected drawer. If the toe-kick goes below the bottom of the drawer, when the weight is applied it may damage both the toe-kick and the drawer.

The slight angle due to lift of the springs should not require shimming out as the angle will be so minimal that it will be difficult to determine any difference when compared to the cabinet toe-kick.

The examples shown here use an EZ-Drawer toe-kick thickness of 13.15mm (1/2 inch) which will suit a cabinet toe-kick of 19.05mm (3/4 inch).

Fig. 8 below shows a high profile EZ-Drawer toe-kick that extends up to the height of the EZ-drawer, 75mm (3 inches), less the 3mm (1/8 inch) surround gap to the top and sides and the bottom gap of 4.56mm (3/16 inch). Beware though, the extension above the EZ-Drawer may present a trip hazard.

Once the required toe-kick height has been selected, the toe-kick can be fixed to the front of the EZ-Drawer using the screws provided. The fixing holes are provided in the front plate of the drawer as indicated in Fig. 2 over, there are both holes and slots provided. The slot will allow you to loosely fix the toe-kick and allow for alignment to achieve a consistent surround gap before firmly fixing through the circular holes.

If you need any help or advice, please contact our team at info@folddownpro.com, we will be delighted to help and assist you further.

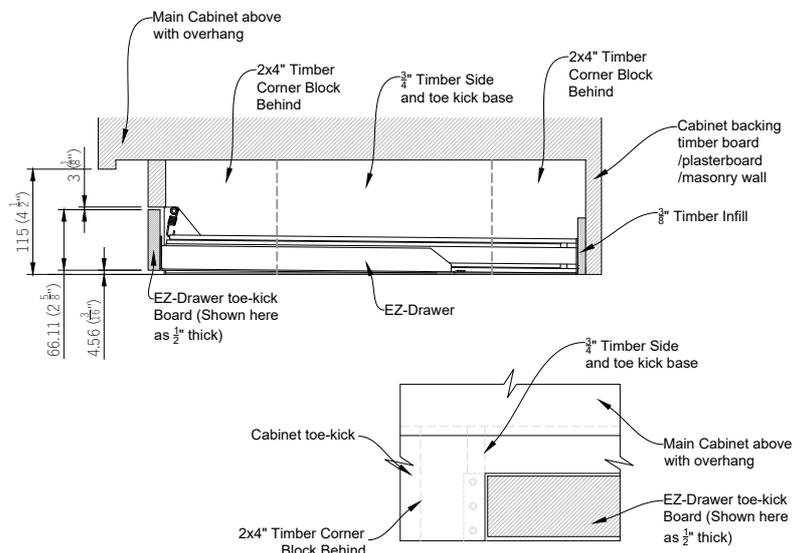


Fig.8 - EZ-Drawer Typical Section A-A - High Profile Toe-kick



FOLD DOWN PRO
Unit 1 Shanagolden Industrial Estate,
Shanagolden,
Co. Limerick,
V94 PF51,
Ireland

Website: <https://www.folddownpro.com>
Email: info@folddownpro.com