

**Ritherdon Internally Fixed Door and Frame Units** are designed to retrofit to your existing meter box through the use of two vertical fixing plates, one on either side of the inside of the back of the frame. The fixing plates contain a number of holes along the length and width of their surface. The fixing screws provided are used to fix these plates to the inside surface of your existing meter box and secure the unit in place. The meter does **not** need to be disconnected, and no specialist tools or contractors are required.



*Figure 1 – Picture of an open R7 ED E with the fixing plates visible*

Each Door and Frame unit of this type comes with a small plastic bag containing:

- 8 x 6x19 screws (3.5mm diameter, 19mm long)
- 8 x Nylon Lokut Nuts (Plugs)
- 1 x Tri-key

To fit the Door and Frame unit you will need:

- Drill
- 7mm Drill Bit
- Sealant (Optional)
- Screwdriver
- Marker Pen/Pencil

## Installation Instructions

1. Remove the door from your current meter box.
2. Push the Door and Frame unit over your current meter box.
3. Mark the appropriate fixing plate hole positions on your meter box through the holes using a marker pen/pencil. It is recommended that a minimum of four fixing points be used.
4. Remove cut-outs using pliers if applicable & required.
5. Drill through the marked fixing points on your meter box using the drill with the 7mm bit.
6. Fit the Nylon Lokut Nuts into the drilled holes.
7. Push the Door and Frame unit into place again. The fixing plates can be bent slightly to ensure the best possible fit.
8. Fit the screws into the fixing points you have created, securing the Door and Frame unit in place.
9. Apply sealant around the edges of the frame if a water-tight seal is required.



*Figure 2 - Fitting an R17 door and frame into place over a GRP meter box*

***Please contact our technical team if you require any more information or if you have any questions regarding this sheet. A video of the installation can be found [here](#).***