

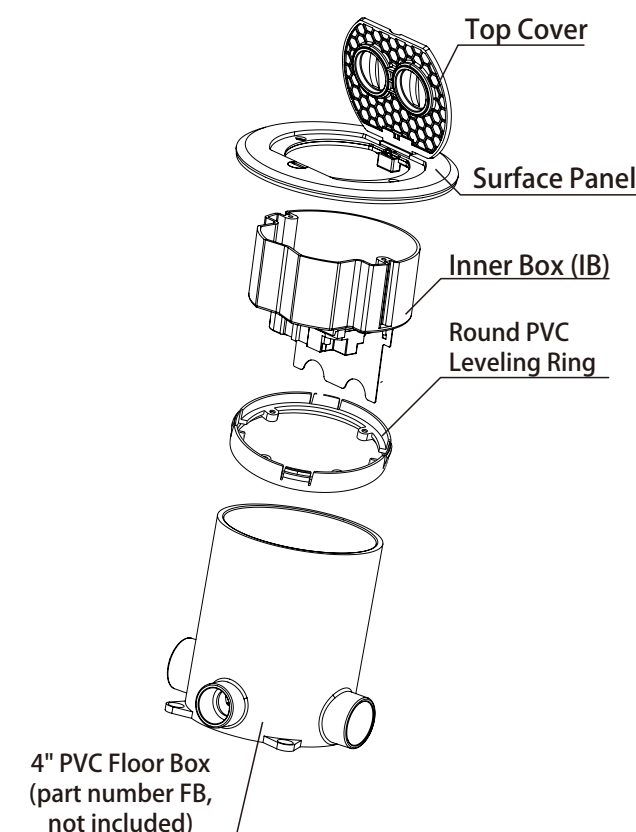


# LEW ELECTRIC FITTINGS COMPANY

## RRFB Series Instructions and Guidelines for Concrete Installations

**IMPORTANT:** Read all instructions before installing the RRFB series.

### Product Diagram



### Safety Guideline

1. For indoor use only.
2. Only licensed professional electrical contractors should install the floor box.
3. Do not insert foreign objects into the socket.
4. Avoid liquids spills into the outlet.
5. If the product malfunctions, immediately turn off the power source and call a professional electrical contractor for help.

### Product Features

1. For concrete floor installation.
2. Made of brass alloy, featuring a stylish appearance and corrosion resistance.
3. The top cover features a precision-engineered slot, designed for a rotational opening mechanism.
4. Recessed duplex receptacle and low voltage communication devices (communication devices not included)

### Requirements for Installation

- Jig saw
- Phillips head screwdriver
- Flat head screwdriver
- PVC glue
- 4" Round PVC Floor Box (Lew Electric part number FB, not included)

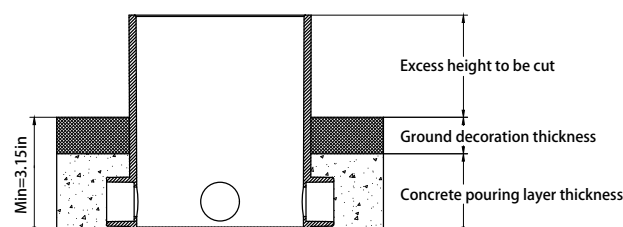
Included accessories:

1. ST3.5x16 flat head self-tapping screw (x2)
2. M3x8 flat head Phillips screw (x4)
3. M4x50 Phillips countersunk head screw (x2)
4. Round PVC Leveling Ring (x1)
5. Rubber grommet (x2)

### Installation Instructions

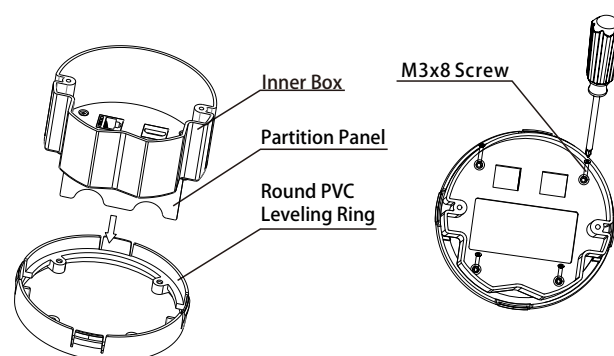
#### 1. Install the PVC Floor Box (FB)

1. Secure the FB to the ground, lay out the wires, then cover the FB with the dustproof lid, and pour concrete around it.
2. The FB should have sufficient height reserved. The method for calculating height is as follows:  
 $\text{Concrete pouring layer thickness} + \text{Ground decoration thickness}$   
After calculating the height, mark the FB and cut off the excess height.
3. The minimum height of the FB should not be less than 3.15 inches. Heights below 3.15 inches may prevent the installation of socket modules.



#### 2. Install the Round PVC Leveling Ring

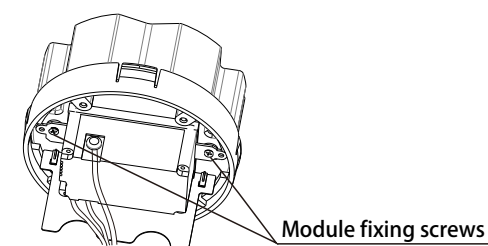
1. Discard the outer box
2. Attach the Inner Box to the Round PVC Leveling Ring using the four M3x8 screws.



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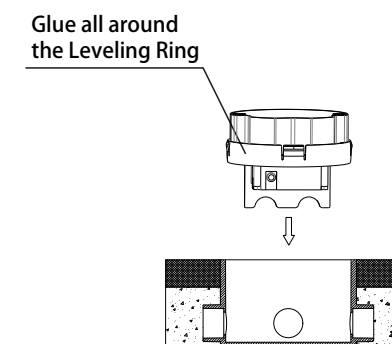
### 3. Wiring

1. Connect the wiring to the socket module with provided screws.
2. Install the socket module to the Inner Box.



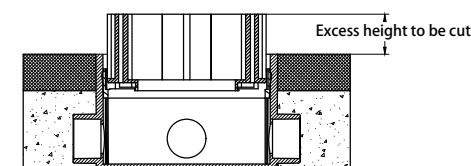
### 4. Install the Inner Box (IB)

1. Follow the instructions on the PVC glue bottle.
2. With the Inner Box attached, glue all around the Leveling Ring and place the socket module into the 4" diameter PVC Floor Box (Lew Part number FB)
3. While the PVC glue is still wet, turn the inner box socket module to the desired location, paying special attention to the location of the hubs on the 4" diameter PVC Floor Box.
4. Follow PVC glue instructions to see how long it will take for the glue to set.



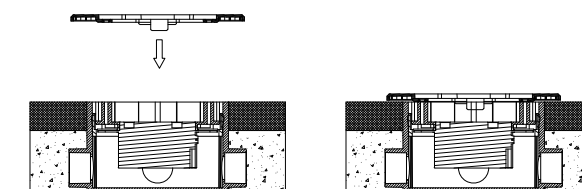
### 5. Cut the Inner Box

After the PVC glue has set, mark the portion of the Inner Box that extends above the ground covering, then cut off the marked portion of the Inner Box.



### 6. Install the Panel

Position the panel assembly on top of the bottom box, ensuring it aligns with the holes, and secure it using M4x50 screws.



### Usage Instructions

#### 1. Opening the Product

1. Take out one of the plugs by turning the slot with a coin or thick screwdriver.
2. Open the cover with a flat head screwdriver
3. Thread the power cord through the rubber grommet, then through the cover and into the box.
4. Lock the cover with screw driver.
5. Install the rubber grommet previously placed on the power cord onto the edge of the hole to protect the wire.

