

WIREMOLD



RFB2, RFB2-SS, RFB2-OG Recessed Floor Box INSTALLATION INSTRUCTIONS

Installation Instruction No.: 1 006 179 – September 2006

Wiremold / Legrand electrical systems conform to and should be properly grounded in compliance with requirements of the current National Electrical Code or codes administered by local authorities.

All electrical products may present a possible shock or fire hazard if improperly installed or used. Wiremold / Legrand electrical products may bear the mark as UL Listed and/or Classified and should be installed in conformance with current local and/or the National Electrical Code.

IMPORTANT: Please read all instructions before beginning.

This box and activations are UL listed for use with tile, terazzo, carpet covered concrete floors, and floors of wood construction.

BEFORE CONCRETE POUR:

Step 1. Determine box location and conduit layout. Remove box cover and desired knockouts and attach appropriate conduit adapters, (not supplied by Wiremold) to steel base.

NOTE: Box is supplied with tunnel bracket, tunnel blocks and device mounting brackets installed. If the same service is to be used in both compartments, it will be necessary to remove one or both of the tunnel blocks to allow for pass-through of the service wiring. The tunnel blocks are accessible by removing the tunnel support. The installer may do this either pre- or post-pour.

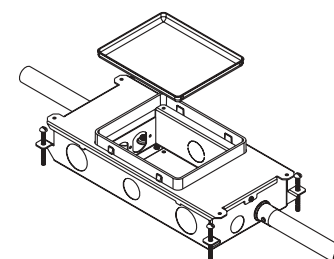
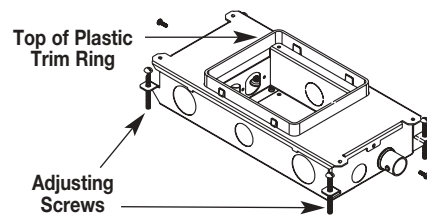
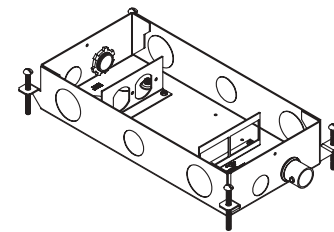
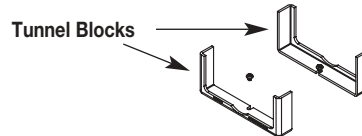
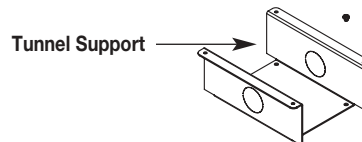
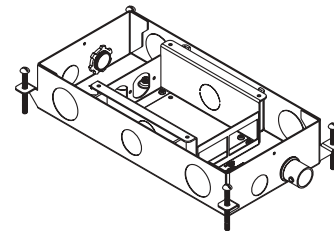
Step 2. Re-attach box cover to base with (2) #8-32 x 1/2" long screws provided.

Step 3. Adjust height of box so that the top of the black trim ring is approximately 1/16" below the concrete screed line.

Step 4. Secure the box to the floor using wire or other fasteners through the holes provided in the top cover. Once positioned, connect conduit to adapters previously attached to box.

Step 5. Insert mud cap into top opening and press down firmly to secure. Box is now ready for pour.

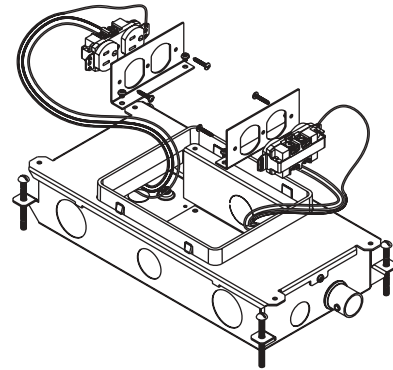
WARNING: Pour concrete to 1/16" (1.6 mm) above box housing. Pours of 1/4" (6.4 mm) or more over box housing will make it difficult to break out the mud cap and cause excessive concrete spalling.



AFTER CONCRETE POUR:

Step 6. Locate box and chip away concrete located in mud cap. Remove mud cap, and clean out any debris from inside of box. If concrete does not break cleanly around preset, the activation might not be properly supported. The concrete edges around the top opening of the installed box must be smooth and level for the proper fit of the FloorPort Activations. Remove device brackets, and the tunnel block(s) if required to provide for the same service in both compartments. To access the tunnel blocks, remove the tunnel support and then re-install after removing the required block(s).

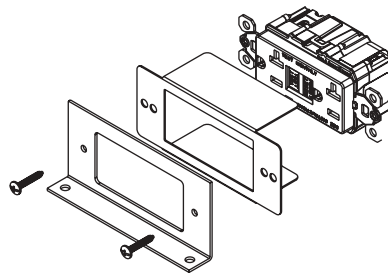
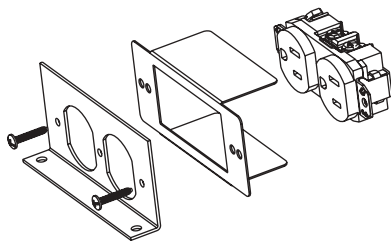
Step 7. Wire devices (not supplied by Wiremold), making sure that any ground leads are properly connected to ground screws. Attach the receptacle to the receptacle mounting bracket using the #6-32 screw provided. Secure the receptacle to the receptacle mounting bracket with (2) additional screws and nuts, (not provided). Attach the receptacle mounting bracket(s) to the base with the (2) #8-32 mounting screws provided.



Step 8. Complete procedure by installing a Wiremold FloorPort Activation, (sold separately), using the installation instructions provided with that unit.

NOTE: This box and activation are UL Listed for use with tile, terrazzo, and carpet covered concrete floors, and also wood floors.

NOTE: Use insulator provided with the following catalog numbers, installed as shown: RFB2DP, RFB2GFI.



WOOD FLOOR INSTALLATION:

Step 1. Determine box location and orientation.

Step 2. Cut a 6" [152mm] x 7 1/4" [184mm] opening in wood floor.

Step 3. Remove box cover and desired knockouts. Attach appropriate connectors per wiring type (mc cable, conduit, nonmetallic, sheathed, etc., not supplied by Wiremold) to steel base. Remove tunnel block(s) as required if power is to be used on both sides of the box.

NOTE: Box is supplied with tunnel bracket, tunnel blocks and device mounting brackets installed. If the same service is to be used in both compartments, it will be necessary to remove one or both of the tunnel blocks to allow for pass through of the service wiring. The tunnel blocks are accessible by removing the tunnel support. The installer may do this either pre- or post-installation.

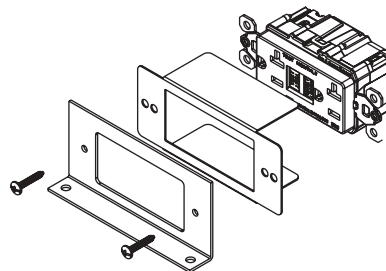
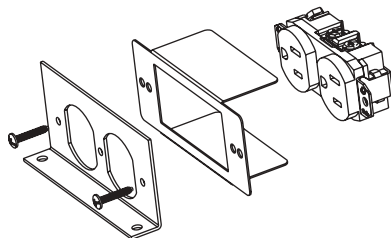
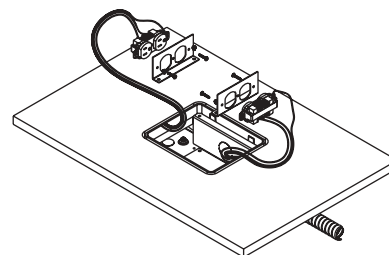
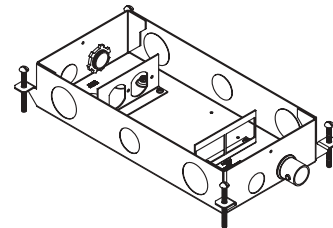
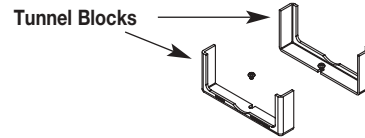
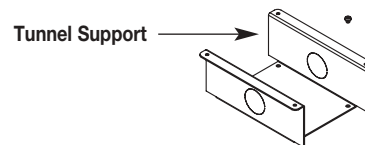
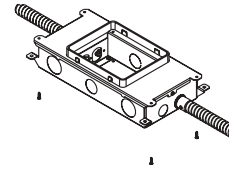
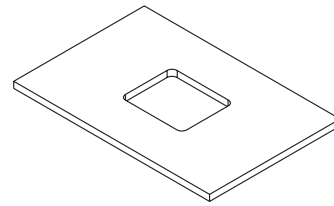
Step 4. Re-attach cover to box with two (2) #8-32 x 1/2" long screws provided.

Step 5. Align plastic trim ring on top of box with opening in floor, and secure box to underside of floor with four (4) #8 or four (4) #10 pan head sheet metal screws, (not supplied by Wiremold), through the four (4) holes provided in cover.

Step 6. Wire devices, (not supplied by Wiremold), making sure that any ground leads are properly connected to ground screws. Attach the receptacle to the receptacle mounting bracket using the #6-32 screw provided. Secure the receptacle to the receptacle mounting bracket with two (2) additional screws and nuts, (not provided). Attach the receptacle mounting bracket(s) to the base with the two (2) #8-32 mounting screws provided.

Step 7. Complete procedure by installing a Wiremold FloorPort Activation, (sold separately), using the installation instructions provided with that unit.

NOTE: Use insulator provided with the following catalog numbers, installed as shown: RFB2DP, RFB2GFI.



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