



Wiremold

SAF21/2

Raised Floor Box

INSTALLATION INSTRUCTIONS

Installation Instruction No.: 1 002 430R3 - Updated January 2011

Legrand/Wiremold 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. Legrand/Wiremold electrical products may bear the mark of a Nationally Recognized Testing Laboratory (NRTL) and should be installed in conformance with current local and/or the National Electrical Code.

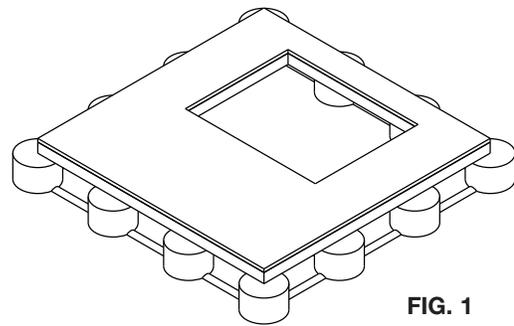
IMPORTANT: Please read all instructions before beginning.

PRODUCTS COVERED: SAF21/2

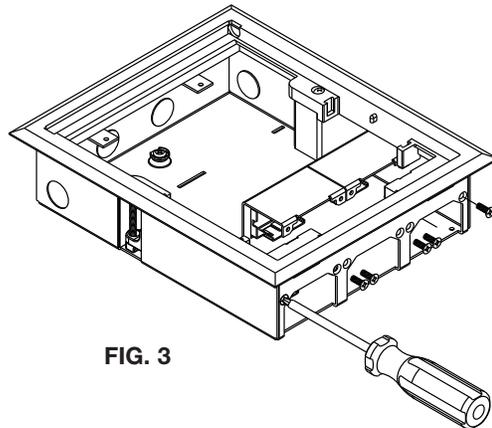
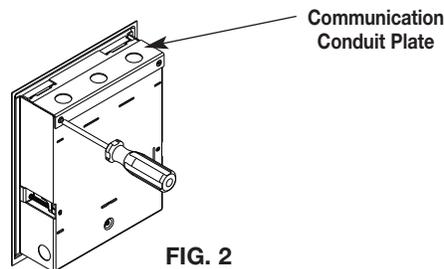
NOTE: Products are suitable for use in air handling spaces in accordance with Sec. 300-22(C) of the National Electrical Code.

CAUTION: Flange is an integral part of the box assembly. **DO NOT REMOVE.**

Step 1 Cut or form an 8 1/16" x 10 1/8" [205mm x 257mm] (+ 1/16" - 0") opening in the raised floor panel and carpet. (See Fig. 1.)



Step 2 Blank communication plates come standard in floor box. If other communication plates are required, remove communication conduit plate. (See fig 2.) Remove only blank communication plates that need exchanged and attach new communication plates (sold separately) to the floor box using (2) #8-32 x 3/8" self-tapping screws provided. (See fig 3.) Reattach communication compartment cover. (See fig 2.)



NOTE: Communication conduit plate required only if using conduit to supply communications cabling. (See Step 5.)

Step 3 Place Walker Shallow Raised Floor Box in opening created in step one.
(See Fig. 4.)

CAUTION: Flange is an integral part of the box assembly. **DO NOT REMOVE.** Separating the Flange from the Box may cause damage to the Flange and Box, prevent reattachment, and may also cause the Box to not sit properly in the opening.

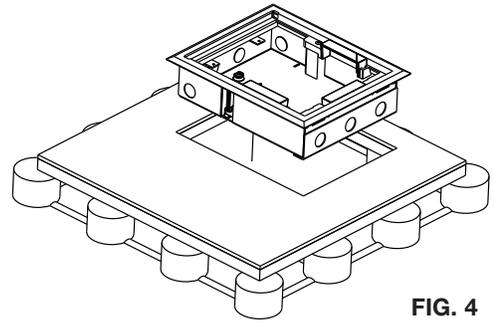


FIG. 4

Step 4 Using a Phillips screwdriver tighten the (2) #10-24 X 2 1/4" locking tab screws on both sides of the floor box.
(See Fig. 5.)

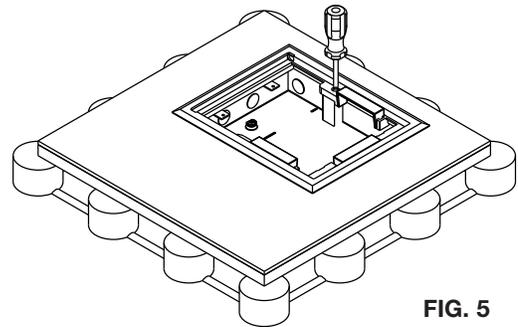


FIG. 5

Step 5 Remove appropriate knockout(s) and feed flexible conduit to the floor box. Pull wires into the box and connect conduit to the box with a conduit connector. Pull communication wires into box.
(See Fig. 6.)

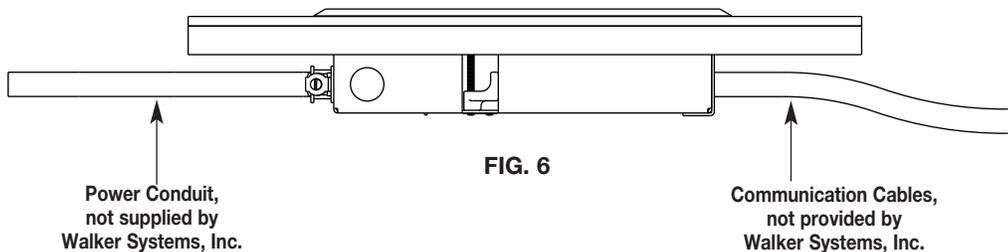


FIG. 6

NOTE: The communication conduit plate does not need to be attached behind a compartment used for low voltage. Where required by local codes, connect conduit to the communication conduit plate. Type CMP communications plenum cable is required in raised floor plenums when wiring methods as described in NEC Article 300-22 are not followed.

Step 6 Attach electrical conductors to the UL Listed duplex receptacles (provided by others). Make sure that any ground leads are connected to ground screws. (See Fig. 7.)

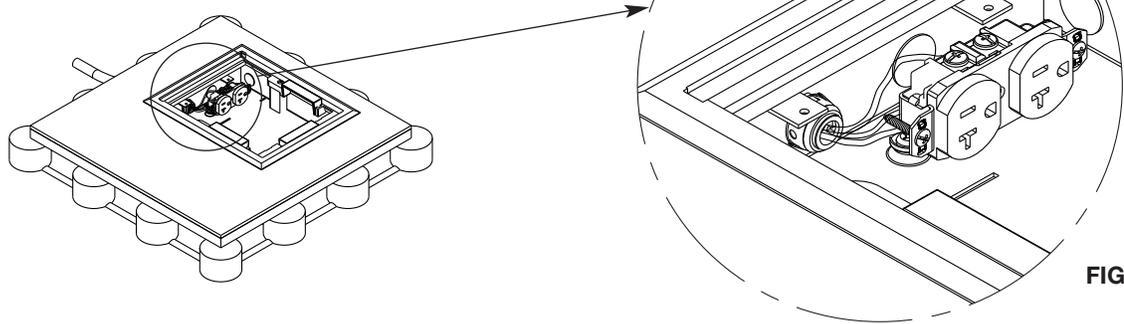


FIG. 7

Step 7 Attach insulator and faceplate to receptacle using one #6-32 x 3/8" screw provided. Attach the receptacle to the receptacle mounting bracket with two additional screws and nuts (Provided). (See Fig. 8.) Make sure receptacle ground lug faces toward inside of floor box. (See Fig. 9.)

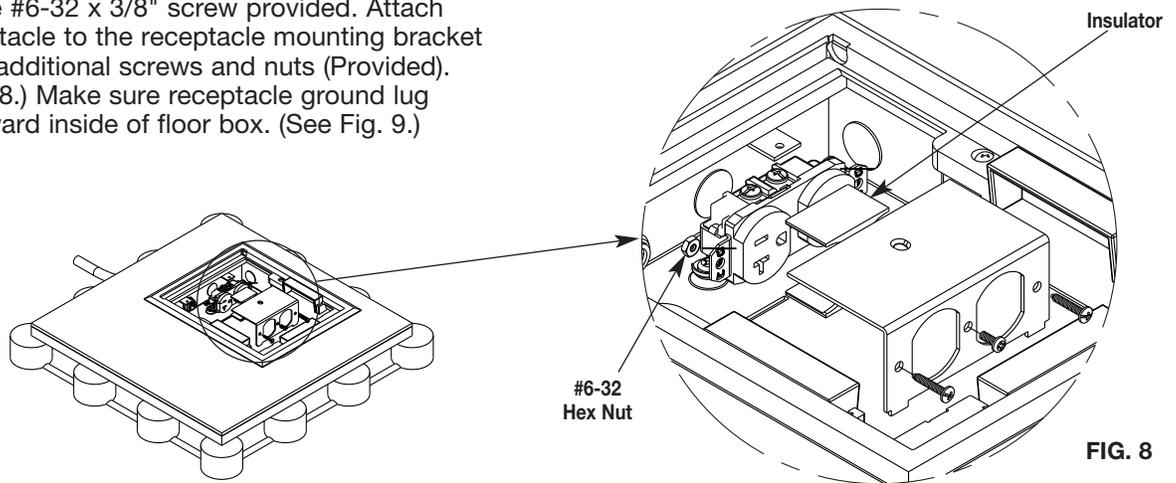


FIG. 8

Step 8 Make sure receptacles are oriented the same as in Fig. 9. Neatly compress wires into compartment and push the face plate back into the box until the tabs on the bottom of the face plate engage the slots in the bottom of the box. Attach the face plate to the mounting tabs of the box using (1) #8-32 x 3/8" screw provided. (See Fig. 9.)

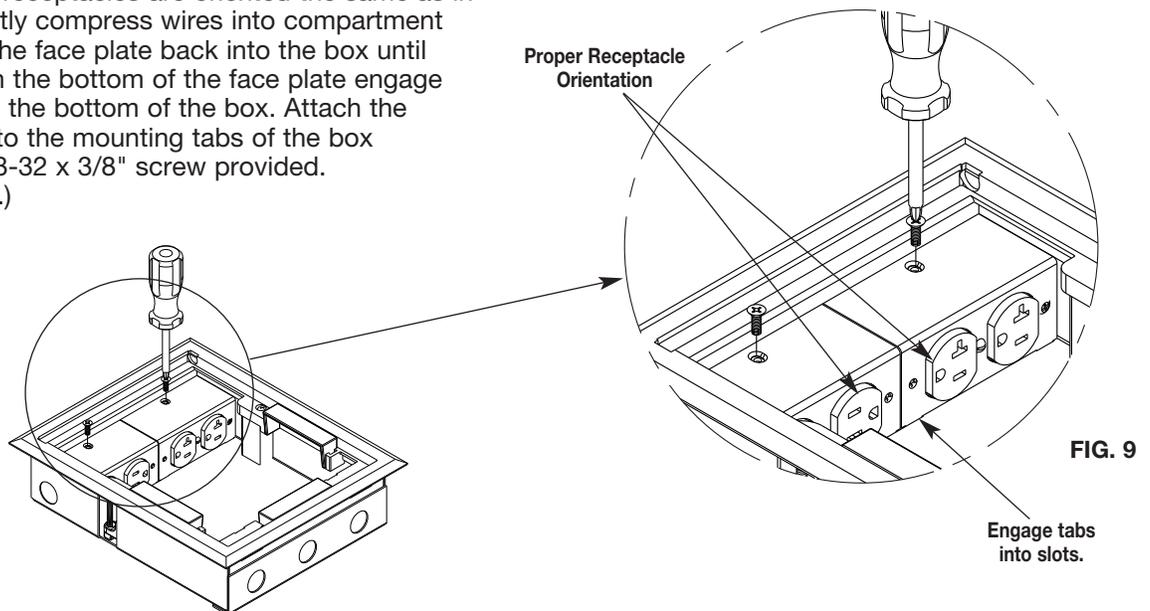


FIG. 9

Step 9 Make necessary connections to specified communication jacks (Not supplied). Snap the supplied bezel into opening followed by the device. (See Fig. 10.)

NOTE: Low voltage cables may be pulled through a bushing in one of the communication device plates or may be attached to a device that is mounted to the plate.

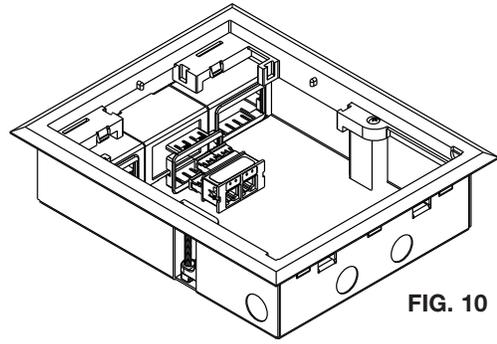


FIG. 10

Step 10 When the box is not in service, the wire retainer should be installed (textured side up) to block off the cable exit. (See Fig. 11.) Otherwise, any exiting cables should be routed through the wire retainer prior to closing the lid. (See Fig. 12.)

Textured Surface

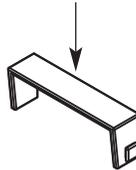


FIG. 11

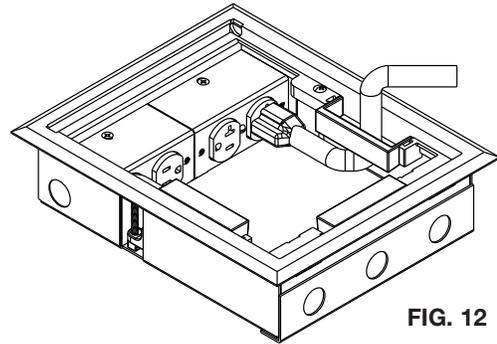


FIG. 12

Step 11 For carpet installations use the 8 1/16" x 10 1/8" [205mm x 257mm] carpet blank remaining from the opening and cut a piece to match the recess in the cover. Glue the piece of carpet onto the floor box cover. (See Fig. 13.)

NOTE: The Walker Shallow Raised Floor Box should be used on access floor installations. Do not use in concrete or wood floors.

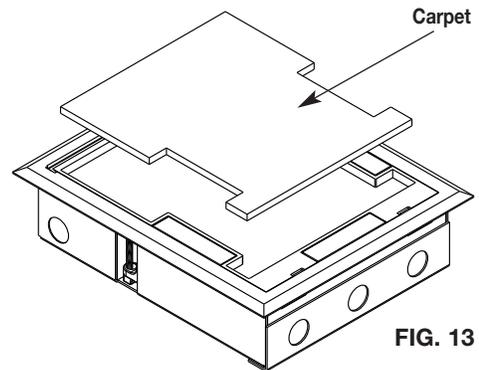


FIG. 13

legrand[®]

Wiremold

WIREMOLD

U.S. and International:

60 Woodlawn Street • West Hartford, CT 06110

1-800-621-0049 • FAX 860-232-2062 • Outside U.S.: 860-233-6251

Canada:

570 Applewood Crescent • Vaughan, Ontario L4K 4B4

1-800-723-5175 • FAX 905-738-9721

