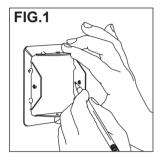# EZ▼Path® FIRE RATED PATHWAY

INSTALLATION SHEET
Series 44+ Fire Rated Pathway
EZD44S/EZD44S2
EZDP44S/EZDP44S2

GENERAL - READ COMPLETELY BEFORE INSTALLING

EZPATH® Series 44+ can be installed in a variety of different applications through the use of different accessories. This sheet provides installation information for wall applications. The pathway (device) consists of a heavy gauge galvanized steel channel with detachable lid. Other accessories such as multigang wall brackets, floor plates, or multi-gang floor brackets must be ordered separately and are covered under separate installation sheets.

ZIS1050 - 0576

FIG.1

FIG.2

CREATING THE OPENING (This device may be installed through either rectangular or round openings.)

Gypsum Board Walls (Rectangular Openings)

1. Locate suitable area of the wall to penetrate making sure that there are no studs, wires, pipes, or other obstructions located within the wall.

2. Mark a rectangular opening nominally 4-5/8" (118 mm) high by 4-1/8" (105 mm) wide. Make sure opening is square and plumb. The inside of the wall plates may be used as a template (See Fig. 1).

3. Using a keyhole saw, cut gypsum wallboard (See Fig. 2). Cutting to the outside of the line will produce a slightly oversized opening. Mark and cut opposite side of the wall, exercising care to align both openings. Insert pathway and check for fit. Remove pathway.

4. Install pathway per instructions below.

Gypsum Board Walls (Round Openings)

As an alternate to the rectangular opening, using a hole saw, cut a 6" (152 mm) diameter opening in both sides of the wall.
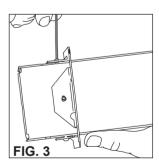
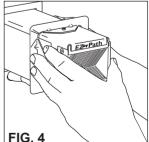#### Concrete or Masonry Walls (Rectangular or Round Openings)

Cut or form a rectangular opening nominally 4-5/8" (118 mm) high by 4-1/8" (105 mm) wide or core drill a 6" (152 mm) diameter round opening.

INSTALLING PATHWAY USING WALL PLATES

Pathway is installed through wall and attached using wall plates to sandwich the wall. Installation of single devices require no attachment; however, pre-drilled holes are provided for optional attachment if desired.

1. If necessary, pre-install required set screws in wall plates.

2. Install a wall plate around pathway making sure that set screw flanges are facing towards the end of the device. NOTE: Position plate so that the stamping on the plate aligns with the lid of the raceway. Adjust position of plate to accommodate for thickness of wall (Fig. 3). This will center the pathway within the wall. When properly adjusted, tighten set screws to lock plate onto pathway.

3. Place one of two provided intumescent gaskets around opposite end of pathway and carefully slide it back to fit snugly against back side (wall side) of plate.

4. Insert pathway through wall (with the stamping facing upwards) using previously installed wall plate and gasket as a stop (See Fig. 4).

5. Moving to the opposite side of the wall, install remaining gasket around pathway and slide toward wall.

6. Install remaining wall plate around pathway (with the stamping facing upwards) and slide it toward wall surface. While pulling pathway toward you, push wall plate and gasket tightly to wall and tighten set screws. Check pathway for excessive play. If pathway appears to be loose or can easily be moved, readjust wall plates as necessary to tighten pathway firmly against wall.

FIG. 3

FIG. 4

REMOVING LID TO FACILITATE INSTALLATION AROUND EXISTING CABLES

Pathway lid is removed to allow device to be installed around existing cable bundles. Use Catalog Number EZP544W or EZP144F and follow instructions provided with product to ensure compliant installation.

1. Cut label at seam of pathway on both sides and place pathway on a flat surface with the lock at center of pathway facing up (See Fig. 5).
2. Push down slightly on the channel below the lock, slide lid to the left to deactivate lock and remove lid (See Fig. 6).
3. Cut and remove elastic band wrapped around intumescent pads and remove top intumescent pad.
4. Place pathway channel around cables.
5. Replace intumescent pad within lid and align slot in lid over channel lock (See Fig. 7).
6. Slide slot in lid over channel lock to full extent and slide pathway lid to the right to reactivate lock (See Fig. 8).
7. Install pathway per instructions above.

INSTALLING or PULLING CABLES

A resilient liner provides an adjustable seal within the pathway. Liner must be protected from damage while adding or removing cables. Wrap cable ends with a suitable low friction tape before inserting into the pathway. Where cable lubricants are used, low solids, water-based products are recommended. This device is designed to be fully functional at all cable loadings from completely empty to visually filled and cables should easily slide through the pathway using minimal effort. IF RESISTANCE IS ENCOUNTERED, DO NOT FORCE CABLES OR CABLE BUNDLES THROUGH THE PATHWAY. DAMAGE MAY RESULT. Upper curved liner may be depressed if necessary when inserting cables using a flat, smooth implement and removing after cables are installed.
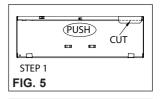
GROUNDING

At the option of the installer, this pathway may be grounded. After pathway has been installed, insert ground screws where indicated (See Fig. 9).
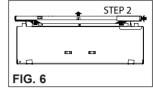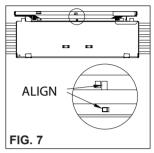
WALL LABELING

Wall labels are provided with the pathway as well as wall plate kits. Larger orange colored label is intended to be used to identify the pathway installer as well as to provide applicable UL System information. Smaller secondary labels are included with multi-gang wall brackets as an optional method for identifying or marking cable types, uses, or trades. Two sets of labels are provided for marking both sides of wall.
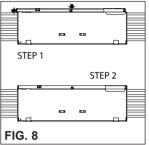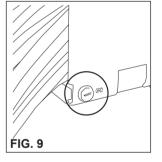
MAINTENANCE

No maintenance of the pathway is normally required. Interior of device should be inspected before and after any modifications to cable bundle. If any damage to intumescent pads lining top and bottom of the pathway is found, contact the factory to determine if replacement is required.

STEP 1
FIG. 5

STEP 2
FIG. 6

ALIGN
FIG. 7

STEP 1
STEP 2
FIG. 8

GRD
FIG. 9

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