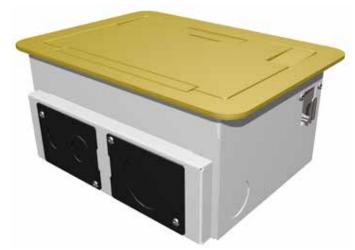


WIREMOLD® Evolution™ Series Floor Boxes

Evolution[™] Series – One Box for Three Floor Types

Evolution™ Series Floor Boxes - The most complete and innovative line of floor boxes, just expanded with the new Evolution Series 4- and 5-gang floor box.

In addition to a unique design that allows the same floor box to be used in multiple floor applications. high capacity and multi-functional capabilities make Evolution Series Floor Boxes ideal for areas where AV, power and communication services are needed. Evolution Series Floor Boxes are an ideal option for installations where services are constantly evolving, such as commercial offices, conference rooms, stages, and entertainment venues.



New Evolution Series Floor Boxes provide increased capacity options and a variety of innovations not available in any other floor boxes.

FEATURES & BENEFITS

One box many applications.

Evolution Series Floor Boxes are designed to work in concrete, raised and wood floor applications and are fully adjustable both pre- and post-concrete pour. A single box can be specified for multiple floor types without having to order additional components or accessories.



Modules are removable through the top or back of the floor box. This allows for easier installations and facilitates moves, adds and changes without having to disconnect services, saving time and money.

■ Audio/Video Design.

Evolution Series Floor Boxes have been developed specifically with the A/V industry in mind. With 3 1/2" (89mm) of wiring capacity behind each device plate, these boxes will accept devices from leading A/V manufacturers including Legrand AVIP, Extron Electronics

and Crestron.



Raised Floors





Concrete Floors

Wood Floors



Durable 180° articulating hinge.

Hinge design enables covers to open a full 180° and lie flat on the floor surface with the durability to support a large cover. Provides easy access to all interior modules and activations while reducing tripping hazards.



FEATURES & BENEFITS (continued)

Auto-close egress doors.

Cable egress doors lock in position when open, and automatically close around wires to protect cabling and reduce trip hazards.



Accepts standard size wall plates.

Evolution Series Floor Boxes accept industry standard single-, double- and triple-gang wall plates from industry leading manufacturers.



Finished interior.

Fully finished interior removes the unfinished industrial look while increasing visibility, making it easier to see where to plug in devices.



■ Suitable for use in air handling spaces.

In accordance with Sec 300-22(c) of the National Electric Code.

■ Meets ADA Accessibility Guidelines.

Trim flange is designed to meet the ADA Accessibility Guidelines as it pertains to ADA Standard 4.5, which addresses the change in floor and ground surface levels.

Multiple size knockouts.

All Evolution Series
Floor Boxes are
available with multiple
trade size knockouts
ranging in size from
3/4" to 2" allowing
for multiple activations and
wiring configurations.



■ Die cast aluminum cover assemblies.

Evolution Series Floor Box Covers have been designed to work on multiple floor surfaces and are manufactured from die cast aluminum to provide strength and



style. Decorative powder coat colors (black, brass, bronze, gray, nickel and aluminum) will complement any room décor.

■ Cable Management.

Allows multiple cables to be organized and controlled for easier cable egress.



Bare (polished) concrete and terrazzo applications.

Evolution Series Floor Box has been designed to be installed into bare (polished) concrete and terrazzo floors.



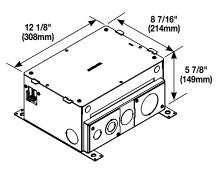
■ TopGuard™ Protection.

Evolution Series Floor Box covers meet and exceed UL scrub water exclusion requirements for tile, carpet, wood, bare concrete and terrazzo floor coverings.

Evolution Series EFB45 Floor Box Ordering Information

Catalog No./Item

EFB45S



NOTE: When used on bare (polished) concrete or terrazzo floors EFB45-CTR must be used. (Sold separately.)



Items not included with the box and sold separately:

- Receptacles
- Communication Jacks
- A/V Devices
- · Device plates

Description/Specifications

4-Gang Floor Box - has been designed to be installed in concrete, raised, & wood floor applications. Box has a fully finished interior to assist plugging and unplugging of devices. Designed to work with standard size wall plates. Box comes complete with all components needed for initial installation. Box is compatible with Wiremold® Walkerflex Modular Wiring System. Custom options are available upon request.

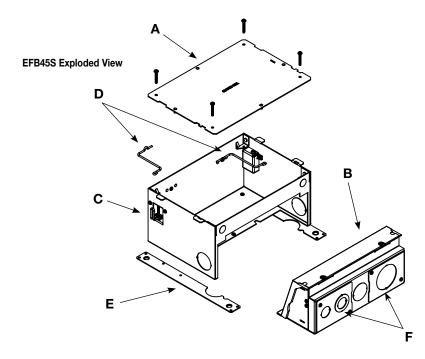
Country of Origin: Mexico

Components Included:

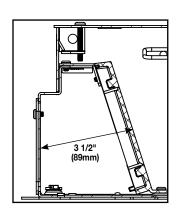
- A Protective/Disposable Cover
- **B** One (1) Removable Module
- C Two (2) Toggle Clamps to secure box to raised and wood floors
- **D** Two (2) Cable Management Guides
- E Two (2) Leveling Support Legs for concrete applications
- Trade Size Knockouts ranging in size from 3/4" to 2" trade size

Each Module Consists of:

- One (1) EFB8-MB Mounting Bracket
- · One (1) Back Plate
- Two (2) End Caps
- One (1) EFB810-DIV Divider
- One (1) EFB810 3/4"-1 1/4" Knockout Plate
- One (1) EFB810 2" Knockout Plate



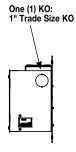
EFB45S Depth Behind Plates



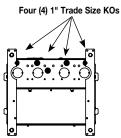
EFB45S Knockout Locations & Sizes

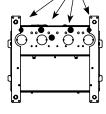
One (1) KO: 2" Trade Size KO One (1 KO: Outer: 1 1/4" Trade Size KO Inner: 3/4" Trade Size KO One (1) KO: 1" Trade Size KO 0

One (1) KO: 1 1/4" Trade Size KO



One (1) KO: 3/4" Trade Size KO





Evolution Series EFB45 Floor Box Ordering Information

Catalog No./Item

EFB45S-OG

12 1/8" (214mm) (308mm)5 7/8"

NOTE: When used on bare (polished) concrete or terrazzo floors EFB45-CTR must be used. (Sold separately.)



Items not included with the box and sold separately:

- Receptacles
- Communication Jacks
- A/V Devices
- Device plates

Description/Specifications

4-Gang Floor Box - has been designed to be installed in both on-grade and above grade concrete floor applications. Box has an epoxy coating that allows the box to be placed in on-grade applications without the need for additional vapor barriers. Designed to work with standard size wall plates. Box comes complete with all components needed for initial installation. Custom options are available upon request.

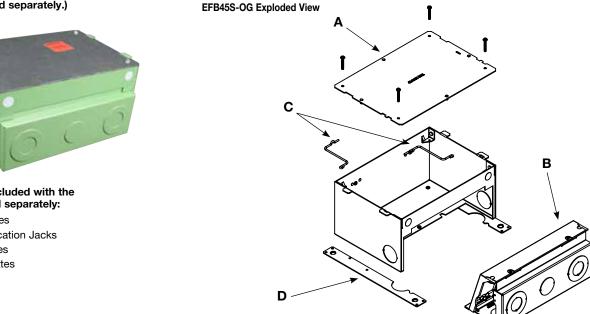
Country of Origin: Mexico

Components Included:

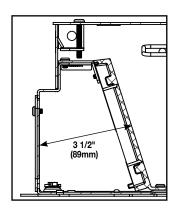
- A Protective/Disposable Cover
- B One (1) Removable Module
- C Two (2) Cable Management Guides
- **D** Two (2) Leveling Support Legs for concrete applications
- E Trade Size Knockouts ranging in size from 3/4" to 2" trade size

Each Module Consists of:

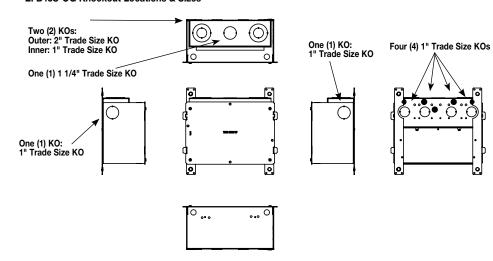
- One (1) EFB8-MB Mounting Bracket
- One (1) Back Plate
- One (1) EFB810-DIV Divider



EFB45S-OG Depth Behind Plates



EFB45S-OG Knockout Locations & Sizes



Evolution Series EFB45 Floor Box Accessories Ordering Information

Catalog No./Item

Description/Specifications

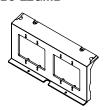
EFB8-MB



Mounting Bracket – Holds up to four (4) devices for power, communications or audio/video. Bracket accepts standard size (2 3/4" x 4 1/2" (70mm x 114mm)) device plates sold separately by others.

Country of Origin: USA

EFB8-22GMB



Mounting Bracket – Equipped with two (2) 2-gang standard size device openings for a standard 2-gang (4 9/16" x 4 1/2" (116mm x 114mm)). Ideal for 2-gang A/V devices such as Crestron® 2-gang digital media devices. Device plates and devices supplied by others.

Country of Origin: USA

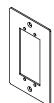
EFB8-4GMB



Mounting Bracket – Holds a standard 4-gang device plate. Device plate dimensions: 8 1/8" x 4 1/4" (206mm x 116mm).

Country of Origin: USA

EFB-AAP



Device Plate – Holds two (2) Extron Electronics AAP devices. Device® plate dimensions: 2 3/4" x 4 1/2" (69mm x 114mm).

Country of Origin: USA

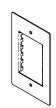
EFB-MAAP



Device Plate – Holds four (4) Legrand AVIP or Extron Electronics MAAP devices. Device plate dimensions: 2 3/4" x 4 1/2" (69mm x 114mm).

Country of Origin: USA

EFB-MOS



Device Plate – European device plate accepts up to (45mm x 67.5mm) Arteor device. Device plate dimensions: 2 3/4" x 4 1/2" (69mm x 114mm).

Country of Origin: USA

NOTE: Not designed to accept adorne style devices.

EFB-B



Blank Device Plate – Device plate dimensions: 2 3/4" x 4 1/2" (69mm x 114mm).

Country of Origin: USA

Catalog No./Item

EFB10-MB



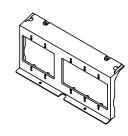
Description/Specifications

Mounting Bracket – Holds up to five (5) devices for power, communications or audio/video. Bracket accepts EFB10 Series device plates (2 1/32" x 4 5/8") (58mm x 117mm) and 5507 Series

device plates. Sold separately.

Country of Origin: USA

EFB10-23GMB

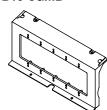


Mounting Bracket – Equipped with one 2-gang standard size device opening and one 3-gang standard size device opening.

Accepts a standard 2-gang (4 9/16" x 4 1/2" (116mm x 114mm)) and a 3-gang (6 3/8" x 4 1/2" (162mm x 114mm)) device plate. Ideal for 2-gang A/V devices such as Crestron® 2-gang and 3-gang digital media devices. Device plates and devices supplied by others.

Country of Origin: USA

EFB10-5GMB



Mounting Bracket – Holds a standard 5-gang device plate Device plate dimensions: 10" x 4 1/2" (254mm x 116mm).

Country of Origin: USA

EFB10-B



Blank Device Plate – Device plate dimensions: 2.3" x 4.652" (58mm x 118mm).

Country of Origin: USA

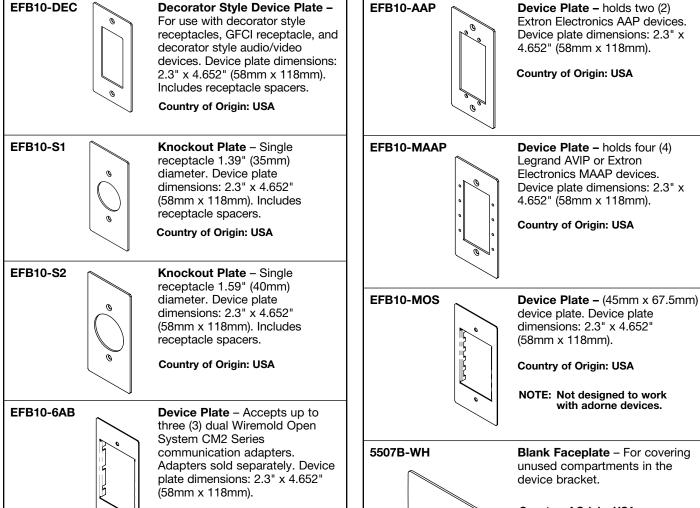
EFB10-DP

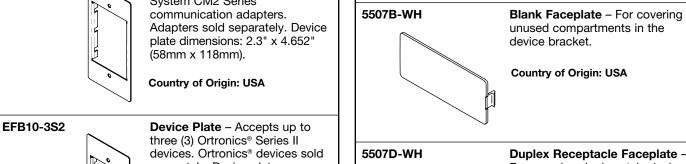


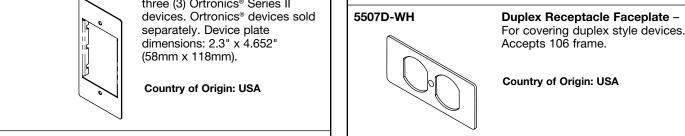
Duplex Device Plate – Device plate dimensions: 2.3" x 4.652" (58mm x 118mm). Includes receptacle spacers.

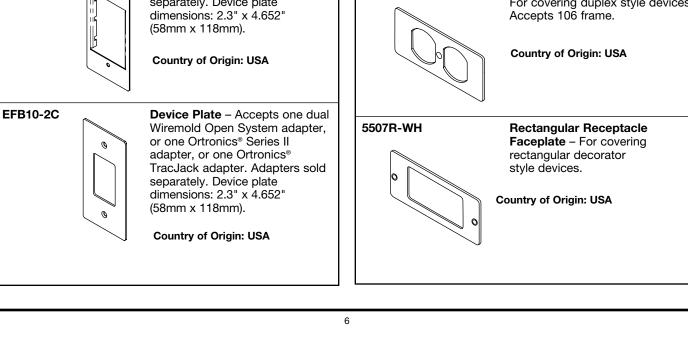
Country of Origin: USA

Evolution Series EFB45 Floor Box Accessories Ordering Information Catalog No./Item **Description/Specifications** Catalog No./Item **Description/Specifications Decorator Style Device Plate -EFB10-AAP** Device Plate - holds two (2) For use with decorator style receptacles, GFCI receptacle, and







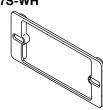


Evolution Series EFB45 Floor Box Accessories Ordering Information

Catalog No./Item

Description/Specifications

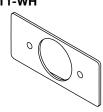
5507S-WH



Rectangular Spacer – For mounting commercial device plates. Installs between the device bracket and a device.

Country of Origin: USA

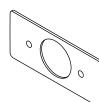
5507T1-WH



Single Receptacle Faceplate – For covering single receptacles – 1.59" (40mm) in diameter.

Country of Origin: USA

5507T2-WH



Single Receptacle Faceplate – For covering single receptacles – 1.41" (36mm) in diameter.

Country of Origin: USA

55074TJ-WH



Ortronics® Faceplate -

For mounting Ortronics® datacom inserts. Accepts four (4) TracJack devices.

Country of Origin: USA

55076TJ-WH

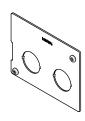


Ortronics® Faceplate -

For mounting Ortronics® datacom inserts. Accepts six (6) TracJack devices.

Country of Origin: USA

EFB810-3/4-3/4

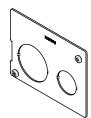


Knockout Plate – Has two (2) 3/4" trade size knockouts.

Country of Origin: USA

Catalog No./Item



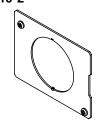


Description/Specifications

Knockout Plate – Has one 3/4" and one 3/4"/1 1/4" concentric trade size knockout.

Country of Origin: USA

EFB810-2



Knockout Plate – Has one 2" trade size knockout.

Country of Origin: USA

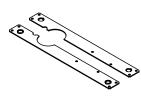
EFB810-DIV



Relocatable Divider – Provides separation of services. Includes one divider plate.

Country of Origin: USA

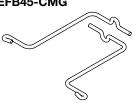
EFB45-CLL



Concrete Leveling Legs – Legs allow floor box to be adjusted up or down to match the desired pour height of the concrete. Includes two (2) leveling legs. Threaded rod not supplied.

Country of Origin: Mexico

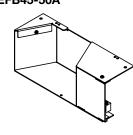
EFB45-CMG



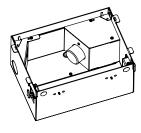
Cable Management Guides – Guides help organize and maintain cable position when opening and closing the cover.

Country of Origin: Mexico

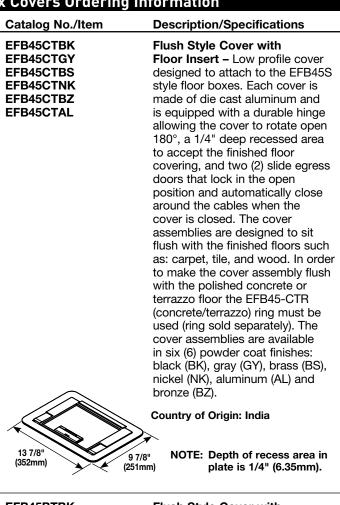
EFB45-50A



50A Adapter – Allows for a 50A device to be installed on the Evolution Series 4- and 5-Gang Floor Boxes.



Evolution Series EFB45 Floor Box Covers Ordering Information Catalog No./Item **Description/Specifications EFB45CTCBK** Surface Style Cover with **EFB45CTCGY** Floor Insert - Low profile cover **EFB45CTCBS** designed to attach to the EFB45S **EFB45CTCNK** style floor boxes. Each cover is **EFB45CTCBZ** made of die cast aluminum and **EFB45CTCAL** is equipped with a durable hinge allowing the cover to rotate open 180°, a 1/4" deep recessed area to accept the finished floor covering, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The flange has a beveled edge that meets ADA guidelines and reduces tripping hazards. These cover assemblies are designed to sit on top of finished floors such as: carpet, tile, wood, polished concrete, and terrazzo. Available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK), aluminum (AL) and bronze (BZ). Country of Origin: India 13 7/8 9 7/8' NOTE: Depth of recess area in (352mm) plate is 1/4" (6.35mm). **EFB45BTCBK Surface Style Cover With** Solid Lid - Low profile cover **EFB45BTCGY EFB45BTCBS** designed to attach to the EFB45S **EFB45BTCNK** style floor boxes. Each cover is **EFB45BTCBZ** made of die cast aluminum and **EFB45BTCAL** is equipped with a durable hinge allowing the cover to rotate open 180°, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The flange has a beveled edge that meets ADA guidelines and reduces tripping hazards. These cover assemblies are designed to sit on top of finished floors such as: carpet, tile, wood, polished concrete, and terrazzo. Available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK), aluminum (AL) and bronze (BZ). Country of Origin: India 13 7/81



EFB45BTBK Flush Style Cover with **EFB45BTGY** Solid Lid - Low profile cover **EFB45BTBS** designed to attach to the EFB45S **EFB45BTNK** style floor boxes. Each cover is EFB45BTBZ made of die cast aluminum and is **EFB45BTAL** equipped with a durable hinge which allows the cover to rotate open 180°, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The cover assemblies are designed to sit flush with the finished floors such as: carpet, tile. and wood. In order to make the cover assembly flush with the polished concrete or terrazzo floor the EFB45-CTR (concrete/terrazzo) ring must be used (ring sold separately). The cover assemblies are available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK), aluminum (AL) and bronze (BZ). Country of Origin: India

9 7/8"

13 7/81

(352mm)

Evolution Series EFB45 Floor Box Covers Ordering Information

Catalog No./Item

EFB45CTCBKTR

EFB45CTCGYTR EFB45CTCBSTR EFB45CTCNKTR EFB45CTCBZTR EFB45CTCALTR

Description/Specifications

Surface Style Cover with Floor Insert - Low profile cover designed to attach to the EFB45S style floor boxes. Each cover is made of die cast aluminum and is equipped with a tamperresistant screw to help keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, a 1/4" deep recessed area to accept the finished floor covering, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The flange has a beveled edge that meets ADA guidelines and reduces tripping hazards. These cover assemblies are designed to sit on top of the finished floors such as: carpet, tile, wood, polished concrete, and terrazzo. Available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK),



Country of Origin: India

EFB45CTBKTR EFB45CTGYTR EFB45CTBSTR EFB45CTNKTR EFB45CTBZTR EFB45CTALTR

Flush Style Cover with Floor Insert - Low profile cover designed to attach to the EFB45S style floor boxes. Each cover is made of die cast aluminum and is equipped with a tamperresistant screw to help keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, a 1/4" deep recessed area to accept the finished floor covering, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The cover assemblies are designed to sit flush with the finished floors such as: carpet, tile, and wood. In order to make the cover assembly flush with the polished concrete or terrazzo floor the EFB45-CTR (concrete/terrazzo) ring must be used (trim ring sold separately). The cover assemblies are available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK), aluminum (AL) and bronze (BZ).

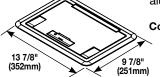
9 7/8" Country of Origin: India 13 7/8"

Catalog No./Item

EFB45BTCBKTR EFB45BTCGYTR EFB45BTCBSTR **EFB45BTCNKTR EFB45BTCBZTR EFB45BTCALTR**

Description/Specifications

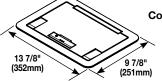
Surface Style Cover with Solid Lid - Low profile cover designed to attach to the EFB45S style floor boxes. Each cover is made of die cast aluminum and is equipped with a tamperresistant screw to help keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, a 1/4" deep recessed area to accept the finished floor covering, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The flange has a beveled edge that meets ADA guidelines and reduces tripping hazards. These cover assemblies are designed to sit on top of the finished floors such as: carpet, tile, wood, polished concrete, and terrazzo. Available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK), aluminum (AL) and bronze (BZ).



Country of Origin: India

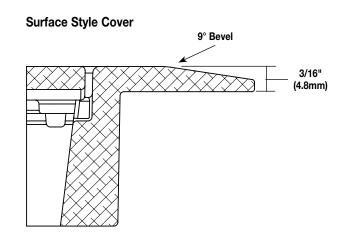
EFB45BTBKTR EFB45BTGYTR EFB45BTBSTR EFB45BTNKTR EFB45BTBZTR EFB45BTALTR

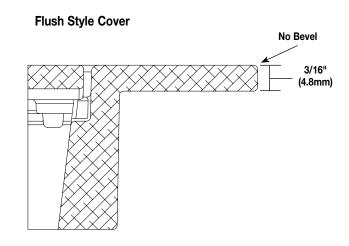
Flush Style Cover with **Solid Lid** – Low profile cover designed to attach to the EFB45S style floor boxes. Each cover is made of die cast aluminum and is equipped with a tamperresistant screw to help keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, and two (2) slide egress doors that lock in the open position and automatically close around the cables when the cover is closed. The cover assemblies are designed to sit flush with the finished floors such as: carpet, tile, and wood. In order to make the cover assembly flush with the polished concrete or terrazzo floor the EFB45-CTR (concrete/terrazzo) ring must be used (ring sold separately). The cover assemblies are available in six (6) powder coat finishes: black (BK), gray (GY), brass (BS), nickel (NK), aluminum (AL) and bronze (BZ).



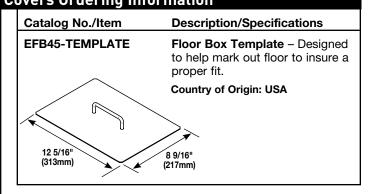
Country of Origin: India

Evolution Series Floor Box Covers Ordering Information





Evolution Series Floor Box Covers Ordering Information Catalog No./Item **Description/Specifications** EFB45-CTR **Bare Concrete/Terrazzo** Trim Ring - Nonmetallic ring for use with bare concrete and terrazzo floor applications. Country of Origin: USA NOTE: Ring must be attached to the floor box before pouring 14 3/16" (360mm) 10 1/4" concrete or terrazzo. (260mm) EFB45-TS Tile Shim - Used for floor coverings greater than 3/16" (4.7mm). The EFB45-TS allows the finished cover assembly to be flush with the finished floor. Includes one (1) 1/16" (1.6mm), one (1) 1/8" (3.2mm) and one





1/4" (6.4mm) tile shims for 7/16" (11.1mm) of upward adjustment.

Country of Origin: USA

Evolution Series Floor Box Covers are available in powdercoated finishes of: (L to R) brass, black, gray, nickel, bronze and aluminum.

NOTES

NOTES

NOTE: All brand and product names referenced in this document are registered trademarks or trademarks of their respective holders.



NOTE: The paper used to print this document is an environmentally responsible paper with 10% post consumer waste, with FSC and SFI Chain of Custody certifications, Lacey Act complaint. 100% of the electricity used to manufacture Flo sheets is generated with Green-e certified renewable energy.



Electrical Wiring Systems

60 Woodlawn Street West Hartford, CT 06110 Phone: 1.877.BY.LEGRAND (295-3472) www.legrand.us

570 Applewood Crescent Vaughan, Ontario L4K 4B4 Phone:905.738.9195 www.legrand.ca

