Bring Power & Communication Services to Modular Furniture Systems

4FFATC15 Series Furniture Feed Style Poke-Thru Devices are an excellent solution for feeding power and communication services to modular furniture systems in an open space, above grade floor environment. Every Wiremold® Poke-Thru Device comes with built-in TopGuard™ protection, an industry-leading design that meets and exceeds UL scrub water exclusion requirements for tile and carpet floors. TopGuard protection prevents water, dirt, or debris from entering the power and communication compartments through the service head or floor fittings.

4FFATC15 Series Furniture Feed Style Poke-Thru Devices can be installed on tile, carpet, or wood covered concrete floors in both new or retrofit construction. Typical applications include commercial office buildings, financial institutions, and government facilities.

FEATURES & BENEFITS

- **4FFATC15 Flush Style Furniture Feed Series** provides one 3/4" [19mm] opening for power and one 1 1/2" [38mm] opening for communication cabling. Provides largest dual service capacity for furniture feed applications in the industry. UL Listed for both power and communication furniture feed applications.
- **“Step-on-it” installation.** Quick and easy installation without the need for additional fasteners or the need for a second installer.
- **Fire rated for up to 2-hour rated floors.** Maintains the fire classification of the floor.
- Suitable for use in air handling plenums in accordance with Sec. 300-22 (C) of the National Electrical Code.
- **TopGuard Protection.** Integral design component that prevents water, dirt and debris from entering power and communication compartments. Whenever you see the TopGuard protection icon on any Wiremold product, you’ll know it meets and exceeds UL scrub water exclusion requirements for tile and carpet floors.
- UL Listed and UL Fire Classified to U.S. and Canadian safety standards for tile, carpet and wood.
4FFATC Furniture Feed Style Poke-Thru Device Specifications

**Copper Cross Sectional Area of Commonly Used Conductors**

<table>
<thead>
<tr>
<th>Size</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>#24</td>
<td>.00032 sq. in.  [.206mm²]</td>
</tr>
<tr>
<td>#22</td>
<td>.00050 sq. in.  [.322mm²]</td>
</tr>
<tr>
<td>#14</td>
<td>.00323 sq. in.  [2.083mm²]</td>
</tr>
<tr>
<td>#12</td>
<td>.00512 sq. in.  [3.303mm²]</td>
</tr>
<tr>
<td>#10</td>
<td>.00815 sq. in.  [5.258mm²]</td>
</tr>
<tr>
<td>#8</td>
<td>.01296 sq. in.  [8.361mm²]</td>
</tr>
</tbody>
</table>

NOTE: Use above values for solid or stranded conductors.

**IMPORTANT!**
The above maximum copper cross sectional area values are for each individual power and communication compartment. **DO NOT** add values together for any one compartment.

**Concrete Thickness Min/Max:**
- **1-HOUR RATED FLOOR** – 2 1/4" [57mm] minimum over top of deck (or 3" [76mm] thick reinforced concrete slab) to a maximum of 7 1/2" [191mm].
- **2-HOUR RATED FLOOR** – 3 1/4" [83mm] minimum over top of deck (or 4" [102mm] thick reinforced concrete slab) to a maximum of 7 1/2" [191mm].

**CAUTION:** These devices meet all UL scrub water requirements, but are not suitable for wet or damp locations, or other areas subject to saturation with water or other liquids such as commercial kitchens.

**NOTE:** The material that is used in Wiremold poke-thru devices is not listed under the directory for Fire Stopping Material because the poke-thru device is UL Classified as “Outlet Boxes and Fittings Classified For Fire Resistance (CEYY)”. The pass/fail criteria comes from UL263. The pass criteria is that the poke-thru unit cannot exceed 325° F. above ambient before the concrete slab (or deck) reaches this same temperature. Some poke-thru devices are tested for 2 hours while others are tested for 4 hours. The intumescent material has never been tested as a fire-stopping material as a stand-alone device. This material is designed to work as a unit with the entire poke-thru device.
Catalog No./Item Description/Specifications

4FFSTC15 Insert Stem with Disposable Plate – Use with 4FFCTC15 Series covers to form a complete poke-thru assembly.

4FFATC15GY 4FFATC15BK 4FFATC15AL 4FFATC15BS 4FFATC15BZ 4FFATC15NK

Flush Furniture Feed Poke-Thru Assembly – Complete with one-piece finish flange and conduit assembly. Conduit assembly consists of one 3/4" trade size conduit and one 1 1/2" trade size conduit. Finish cover flange provided with one 3/4" trade size screw plug opening and one 1 1/2" trade size screw plug opening. Covers available in painted black (BK), gray (GY), brass (BS), nickel (NK), bronze (BZ), and brushed aluminum (AL).

NOTE: Stem assembly with disposable plate can be installed in occupied spaces for activation at a later time as long as the assembly is fully covered by the finished floor.

4FFCTC15GY 4FFCTC15BK 4FFCTC15AL 4FFCTC15BS 4FFCTC15BZ 4FFCTC15NK

Flush Furniture Feed Finish Flange and Conduit Adapter Assembly – Complete with one 3/4" and one 1 1/2" trade size conduit adapters and closure plugs. Covers available in painted black (BK), gray (GY), brass (BS), nickel (NK), bronze (BZ), and brushed aluminum (AL). Use with the 4FFSTC15 insert to form a complete poke-thru assembly.

NOTE: Assembled with scrub water gasket. For use on tile or carpet floors.

4FFATC15GY-LJB 4FFATC15BK-LJB 4FFATC15AL-LJB 4FFATC15BS-LJB 4FFATC15BZ-LJB 4FFATC15NK-LJB

Flush Furniture Feed Poke-Thru Unit – Complete with one-piece finish flange and conduit assembly. Conduit assembly consists of one 3/4" trade size conduit and one 1 1/2" trade size conduit. Finish cover flange provided with one 3/4" trade size screw plug opening and one 1 1/2" trade size screw plug opening.

NOTE: Assembled with scrub water gasket. For use on tile or carpet floors.

NOTES: Floor Structure: Concrete Floor Surface: Carpet, Tile, Wood
To abandon 4FFATC15 and 4FFATC15XX-LJB Series, disconnect conduit adapters and install closure plugs. Not designed to work with bare concrete or terrazzo floors.
Minimum floor surface thickness 1/8" [3.2mm].
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