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REVIT CONTENT GUIDE

Manufacturer:	Wiremold
File:	Poke_Thru-Evolution_10AT_Series-Wiremold-Prewired.rfa
Type Catalog:	Not Applicable
Rendering file:	Not Applicable
Schedule file:	Schedule - Poke_Thru-Evolution_10AT_Series-Wiremold-Prewired.rvt

Instance Properties

Graphics	
Has Cover	☑
Has External Snap Locations	☐
Has Snap Locations	☑
Identity Data	
Equipment Number*	
Part Description*	Recessed Prewired Assembly With Surface Style Cover, Black Finish
Part Number*	10ATCPBK

Type Properties

The family contains the following 9 types:

> Bronze (Values for this type are shown below)
> Aluminum
> Black
> Brass
> Disposable Plate
> Gray
> Nickel
> Plated Brass
> Satin Chrome

Constraints	
Default Elevation	48.000
Construction	
Cover Type*	Black
Installation Floor Type	Concrete floor coverings
Installation Location*	Above grade concrete
Electrical	
Apparent Load*	0.00 VA
Load Classification*	Other
Power Factor*	1.000000
Voltage*	0.00 V
Fire Protection	
Fire Classification*	Up to Two Hours
Dimension	
Diameter*	10.000
Height*	9.280
Identity Data	
Copyright*	Copyright © Wiremold

Identity Data	
Date Last Modified*	May 5, 2016
Description*	Recessed Prewired Assembly With Surface Style Cover, Black Finish
Equipment Abbreviation*	FB
Family Version*	2.0
Manufacturer*	Wiremold
Model*	10ATCPBK
Model Disclaimer*	Contact Wiremold for more information
Original Creation Date*	October 27, 2015
Product Documentation Link*	http://www.legrand.us/~/media/products/resources/wiremold-products/poke-thru-devices/recessed-poke-thru-devices/multi-service/10at-evolution-pokethru-devices/ED1753.ashx
Product Page URL*	http://www.legrand.us/wiremold/poke-thru-devices/recessed-poke-thru-devices/evolution-10at-poke-thru-device/10at.aspx
Type Image	-1
URL*	http://www.legrand.us/wiremold.aspx#.UCGpxKPdkcs
Materials	
Product Material*	3306

Halftone text in the property tables indicates that the value is locked from editing.
*Indicates Shared Parameter and can be scheduled

Loading and Placing into the Project

One "Electrical Fixtures" family is supplied and can be loaded into a project through all traditional methods. The Poke Thru requires a work plane host to be placed within the project (e.g. floor). Also, ensure that the visibility settings within the project are modified to have the Electrical Fixtures category visible. The box has the ability to cut its host to aid in device plate placement.

Project Behavior

Within the type and instance properties dialogues, the user will find useful information for scheduling purposes such as Height, Width, Depth, Installation Floor Type, and other unique properties of the model. In "Identity Data" the user will find information specific to Wiremold and the model, such as family revision, Wiremold copyright information, part description, product URL and other specific data.

The poke thru is intended to be used with device plate models that are placed inside. The "Has Cover" checkbox parameter will temporarily turn the cover off for placement. Halftone crosshairs exist inside the box to assist in placement of the face hosted elements. During element placement, these crosshairs will give a snap-in-place behavior while hovering the cursor over them. The "Has Snap Locations" checkbox will turn the visibility of these lines off once device placement is complete.

Internal and external device plates are available in a separate .rfa file and have corresponding filenames.

Since there are many possible conduit sizes and locations along the bottom of the device, a conduit surface connector exists on the model. Once conduit is drawn from the connection, its size may be changed to match whatever is required.

Empty electrical parameters exist for entering in electrical requirements. These parameters are mapped to the connection points.

Instance Parameter

In the "Instance Parameters", the user has the following options to modify:
    Equipment Number – For tagging separately placed instances.
    Has Snap Locations – Turns off/on the crosshairs for placing devices within the poke thru.
    Has Cover – For toggling the visibility of the cover to allow for device plate placement.

Type Parameter

Each type represents a manufactured product. Therefore, the type parameters should not be modified by the user. Please note:
    Product Documentation Link – Directs a webpage to the product's online listing
    Equipment Abbreviation – For filtering schedules. See scheduling description below
    Installation Location – Indicates grade level for installation
    Installation Floor Type – Depicts which floor finish the Floor Box is suitable for

Visibility

For best performance, all model geometry is turned off in Plan View and represented through masking regions and symbolic/model lines that update automatically when a user changes types. The instance parameter "Has Cover" is intended for temporary visibility status of the cover for device plate placement. If left unchecked, the poke thru interior will be visible in plan view for device plate placement.

Rendering

When the family file is loaded into the project, standard Wiremold materials are imported. These may be modified, though ensure that the modification selection matches an actual manufacturer supplied option.

Schedule Creation

Wiremold products may be scheduled utilizing the schedule view in the given project file. Select and copy (Ctrl-C) the schedule from the sheet view and paste it (Ctrl-V) into a sheet in your project. The schedule filters are set to look for only those units designated with Manufacturer as "Wiremold" and Equipment Abbreviation as "FB". The schedules contain special functionality for displaying the configured order numbers of the different selected types.