

# REVIT CONTENT GUIDE

<b>Manufacturer:</b>	Wiremold
<b>File:</b>	Poke_Thru-Evolution_6AT_Series-Wiremold-Prewired_Audio_Video.rfa
<b>Type Catalog:</b>	Not Applicable
<b>Rendering file:</b>	Not Applicable
<b>Schedule file:</b>	Schedule - Poke_Thru-Evolution_6AT_Series-Wiremold-Prewired_Audio_Video.rvt



## Instance Properties

Construction	
Center Device Plate	Center Mount-Decorator
Has Pre Pour Sleeve	<input type="checkbox"/>
Left Side Device Plate	Side Mount-Duplex
Right Side Device Plate	Side Mount-2 Port Comm
Graphics	
Has Cover	<input checked="" type="checkbox"/>
Has Snap Locations	<input checked="" type="checkbox"/>
Identity Data	
Accessory Part Number*	None Selected
Equipment Number*	
Part Description*	Evolution 6AT Series Poke Thru Device, Prewired Audio/Video, Surface, Nickel
Part Number*	6ATC2PAV NK

## Type Properties

The family contains the following 12 types:

- Flush, Black (Values for this type are shown below)
- Flush, Aluminum
- Flush, Brass
- Flush, Bronze
- Flush, Gray
- Flush, Nickel
- Surface, Aluminum
- Surface, Black
- Surface, Brass
- Surface, Bronze
- Surface, Gray
- Surface, Nickel

Constraints	
Default Elevation	48.000
Construction	
Cover Plate*	Surface-Nickel
Installation Floor Type	Tile, Carpet, Wood
Installation Location*	Above Grade Concrete
Electrical	
Apparent Load*	0.00 VA
Load Classification*	Other
Power Factor*	1.000000

<b>Electrical</b>	
Voltage*	0.00 V
<b>Fire Protection</b>	
Fire Classification*	Up to Two Hours
<b>Dimension</b>	
Diameter*	6.000
Height*	16.125
<b>Identity Data</b>	
Copyright*	Copyright © Wiremold
Date Last Modified*	May 5, 2016
Description*	Evolution 6AT Series Poke Thru Device, Prewired Audio/Video, Surface, Nickel
Equipment Abbreviation*	PT
Family Version*	2.0
Manufacturer*	Wiremold
MasterFormat*	26 05 33
Model*	6ATC2PAV NK
Model Disclaimer*	Contact Wiremold for more information
Original Creation Date*	July 27, 2012
Product Documentation Link*	<a href="http://www.legrand.us/~ /media/EE784F21273E40FFA6559A704D397ACD.ashx">http://www.legrand.us/~ /media/EE784F21273E40FFA6559A704D397ACD.ashx</a>
Product Page URL*	<a href="http://www.legrand.us/wiremold/poke-thru-devices/recessed-poke-thru-devices/evolution-6at-poke-thru-device/6atcpav-recessed-prewired-audio-video-assembly-with-surface-style-cover.aspx#.UD0XE6OX_RY">http://www.legrand.us/wiremold/poke-thru-devices/recessed-poke-thru-devices/evolution-6at-poke-thru-device/6atcpav-recessed-prewired-audio-video-assembly-with-surface-style-cover.aspx#.UD0XE6OX_RY</a>
Provide Feedback*	<a href="https://www.surveymonkey.com/s/BDXT5XT">https://www.surveymonkey.com/s/BDXT5XT</a>
Standard Equipment*	5PTHA, 1PTHA, 575CHA, 68REC, 682A, 68MAAP, 6DEC, 6AAP, 6MAAP
Type Image	-1
URL*	<a href="http://www.legrand.us/wiremold.aspx#.UCGpxKPdkcs">http://www.legrand.us/wiremold.aspx#.UCGpxKPdkcs</a>
<b>Materials</b>	
Product Material*	14312

Half tone 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. Half tone 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.