REVIT CONTENT GUIDE

Manufacturer:	Wiremold
File:	Floor_Box-Ratchet_Pro_Series-Wiremold-881FC.rfa
Type Catalog:	Not Applicable
Rendering file:	Not Applicable
Schedule file:	Schedule - Floor_Box-Ratchet_Pro_Series-Wiremold-881FC.rvt

Instance Properties

Construction	
Conduit is Diagonal	☑
Conduit is Straight	☐
Cover Plate*	Duplex, Carpet, Aluminum, 895TCAL
Electrical	
Apparent Load*	0.00 VA
Load Classification*	Other
Power Factor*	1.000000
Voltage*	0.00 V
Dimension	
Height*	6.500
Height Desired	8.000
Identity Data	
Equipment Number*	
Part Description*	Round PVC Floor Box, Fire Classified
Part Number*	881FC

Type Properties

The family contains the following 1 types:

Standard (Values for this type are shown below)

Adsk Model Properties	
Box Capacity	1-Gang
Construction	
Installation Floor Type	Tile, Polished Concrete, Terrazzo, Carpet, Wood
Installation Location*	On-Grade, Above-Grade
Dimension	
Depth*	4.922
Width*	6.094

Identity Data

Copyright*	Copyright © Wiremold
Date Last Modified*	December 19, 2013
Description	Round PVC Floor Box, Fire Classified
Equipment Abbreviation*	FB
Family Version*	1.0.0
Manufacturer	Wiremold
Model	881FC
Model Disclaimer*	Contact Wiremold for more information
Original Creation Date*	December 19, 2013
Product Documentation Link*	http://www.legrand.us/~/media/products/resources/wiremold-products/floor-boxes/commercial/steel-concrete-floor-boxes/fire-classified-floor-boxes/ED1559R2pdf.ashx
Product Page URL*	http://www.legrand.us/Wiremold/floor-boxes/concrete-floor-boxes/fcfb-fire-classified-floor-box/881fc-nonmetallic-round-pvc-floor-box.aspx
Provide Feedback*	https://www.surveymonkey.com/s/BDXT5XT
Standard Equipment*	1 x Reusable Concrete Cap; Removable Knockout Plates for 2HUB
URL	http://www.legrand.us/wiremold

Materials

Product Material*	PVC - Wiremold - White

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 Revit project through all traditional methods. The Floor Box requires a work-plane host to be placed within the project (i.e. floor). Also, ensure that the visibility settings within the project are modified to have the Electrical Fixtures category visible.

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, i.e.: family revision information, Wiremold copyright information, part description, product URL and other specific data. *See scheduling description below. The installed height of the product is variable. A 3D pull-grip is given to allow the cut height of the box to be manipulated in all views. However, the variable range is limited. The pull-grip may be extended beyond this range but the geometry will not exceed a capable size. The resulting product height is given in the calculated parameter 'Height' The Cover Plate may be selected through their respective parameter. Conduit may be drawn from any of the many connection points in the model. Conduit will default to the given size when drawn from these connections. However, hubs may be ordered to vary the conduit size used. Therefore, once conduit is drawn from the connection, its size may be changed to match one of the other possibilities made available with the use of a hub. Consult specifications for more information. Empty electrical parameters exist for entering in electrical requirments. These parameters are mapped to the connection points.

Instance Parameter

In the "Instance Parameters", the user has the following options to modify:

Cover Plate – Selects the cover plate

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 products 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.

Box Capacity – Indicates the number of devices the box can support.

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.

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.