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Horne Engineering
Shower Panels
User Guide

Version 2.0 Revit 2014
September 2016

HORNE

Family Component 'Type Catalogue'

The Horne Engineering Shower Panel ranges are available in a wide range number of options. A type catalogue has been set up to assist the user in selecting only the types they require for their project, meaning the project file size is kept to a minimum. The zip file which you have just downloaded from bimstore will contain two very important files to allow this type catalogue to work correctly, these are:

- the .rfa file (Revit family component)
- the .txt file of the exact same name (contains the type catalogue information)

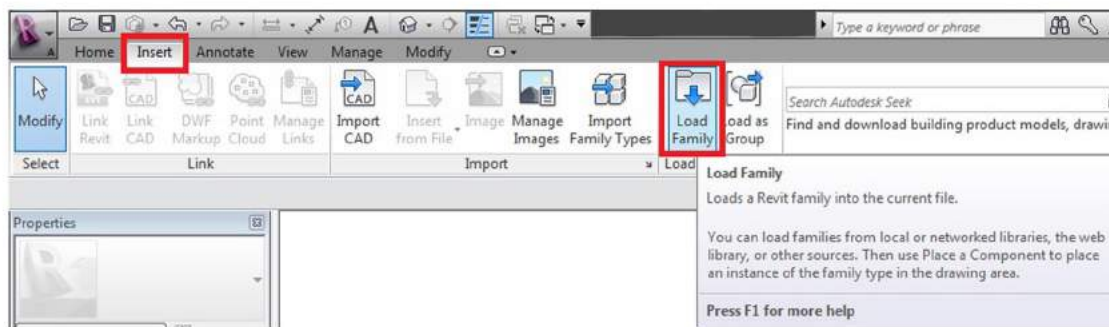
IMPORTANT - Please ensure that when saving the downloaded component onto your system that you save both files in the same location.

Please follow the below method to load the component into your project.

Loading the Shower Panels into your project

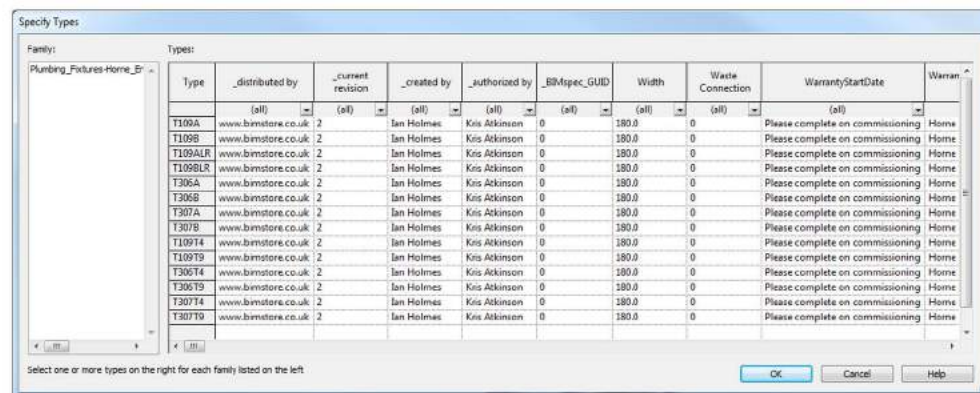
The Horne Engineering Shower Panels are modelled as a 'Mechanical Equipment Family'. You can add the family into your project using the following method:

1. Open the Revit file containing your 'project' and navigate to an appropriate view.
2. Go to the 'Insert' tab on the Revit Ribbon and select 'Load Family'



3. Naviagte to the location of the saved Horne Engineering component that you have just downloaded from www.bimstore.co.uk. Note - Please refer to the 'Type Catalogue' section above and ensure that the .txt file is saved in the correct location.

4. The type catalogue selector will now appear (see image below). Select the desired type/s from the scroll menu, the selected types will turn black once selected. To select multiple types hold Shift or Ctrl.



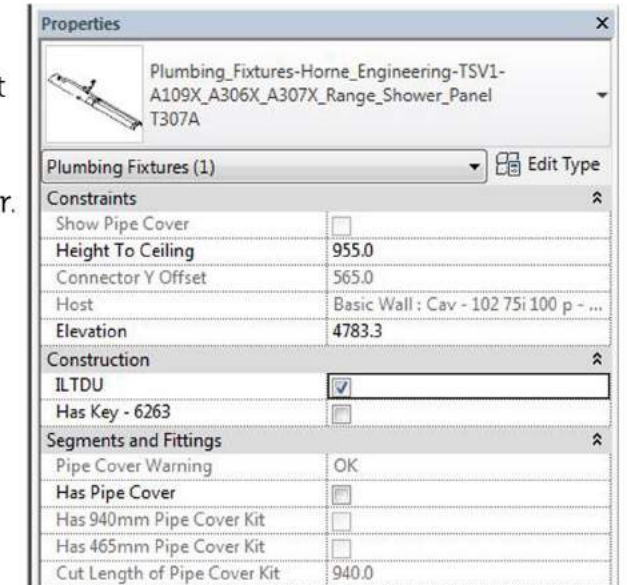
5. Click OK to load these components into your project. The family is now copied and embedded into your project and can be selected from the components button on the main Revit Ribbon.

Using the Shower Panel Component Additional Features

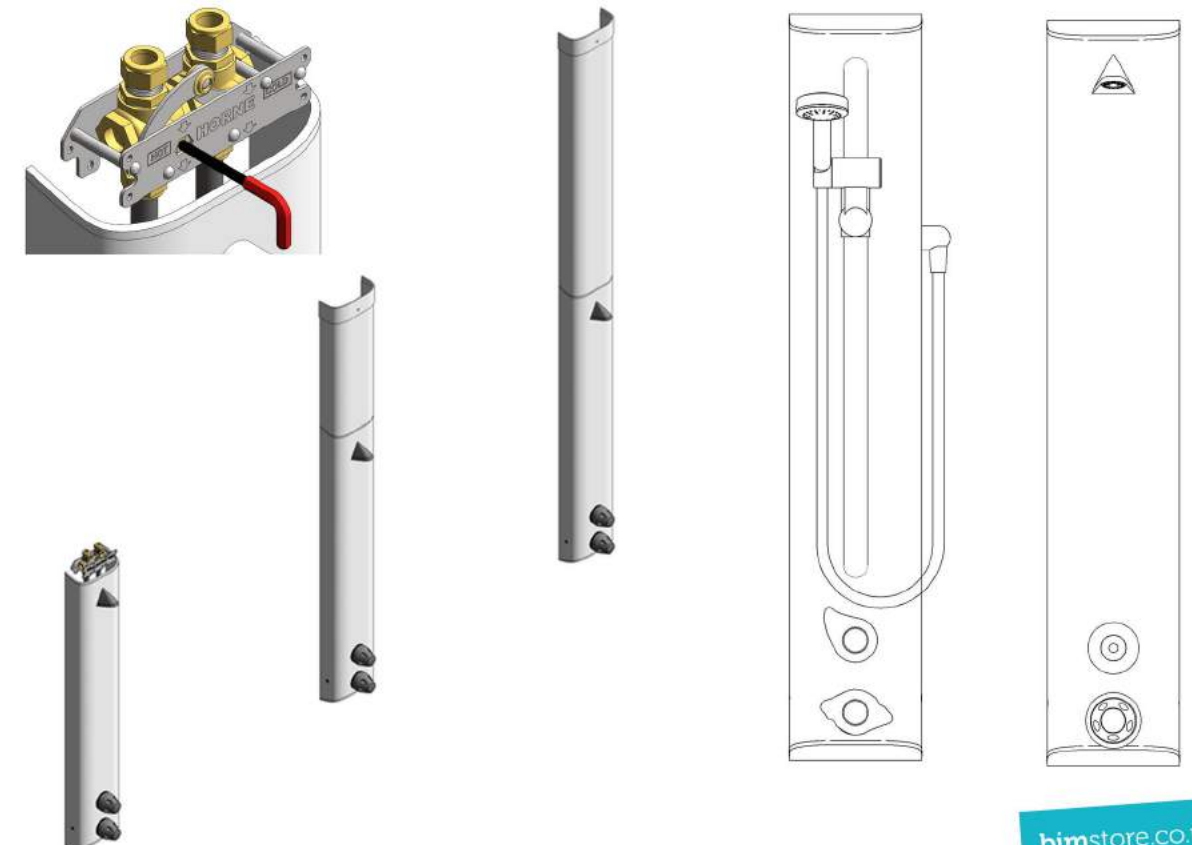
Horne Engineering offer a range of additional options for their shower panel products and these have been built in to the component to assist the user. In order to access and apply these, please use the following method.

1. Go to a suitable view and select the shower panel.
2. Once the family is selected, the 'Properties' box will appear on the left hand side of the screen. Under the headings 'Constraints' & 'Segments and Fittings' there are a number of parameters that assist with the specification of the shower panel.

3. With the pipe cover turned on you are now able to adjust the height of this to suit your requirements by adjusting the dimension parameter 'Height To Ceiling'. This will adjust the height of the pipe cover. To assist the user further and ensure that the pipe cover is available in the size required we have added the parameter 'Pipe Cover Warning'. This parameter will tell the user if the pipe cover size selected is 'OK' or if the cover has been miss-specified and recommends contacting Horne Engineering for further guidance.



4. Under the heading 'Construction' are the parameters 'ILTDU' and 'Has Key - 6263' simply tick or un-tick these to adjust the appearance & schedule of the shower



Horne Engineering Manufacturer specific data

The Horne Engineering families contain a host of technical and manufacturer specific data to assist the user when building up their project or when scheduling. To access the data embedded into the families, simply select the desired component and click the 'Edit Type' button at the head of the 'Properties' tab. All his information can be scheduled including URL links direct to Horne Engineering and to the documentation links of the particular product.

Type Properties

Family: Plumbing_Fixtures_Horne_Engineering_TSV1-A105N_A3001_A307A_Range_Shower_Panel

Type: T307A

Load...

Duplicate...

Rename...

Type Parameters

Parameter	Value
Data	
Sustainability	Integral flow regulator (8 L/min) for water and energy conservation and contributes to BREEAM rating. Alternative flow regulators available up to BS7942:2000. Thermostatic mixing valves for use in care establishments and is approved, under the TMV3 Scheme, to NHS Model Engineering
Standards and Approvals	HORNE TSV1 SHOWER PANEL WITH TIMED FLOW CONTROL, FLEXIBLE HOSE AND SLIDE BAR
Specification Clause	T307A
Quick Code	
Operating Conditions	Range of maintained water supply pressures 0.5 - 3 bar, range of hot water supply temperatures 32 - 85 deg C, max differential between hot and cold
Applications	Shower provision for new build, refurbishment, retrofit and temporary installations in spot and leisure settings or where water conservation is a priority
Accessories	2 meter Hose, Pipe cover - SA-465PC OR SA-949PC, H15 Flushing Kit, Monitoring Kit.
Other	
Warranty/Guarantee/Parts	Horne Engineering Ltd
Warranty/Guarantee/Labor	n/a
Warranty/Duration/Unit	Years
Warranty/Duration/Parts	2
Warranty/Duration/Labor	n/a
Warranty/Description	Horne Engineering Ltd guarantee their products against any defect in materials or workmanship for 2 years from the date of purchase.
Type/Name	n/a
Tag/Number	n/a
Spare/Parts	n/a
Size	H: 1015mm W: 181mm D: 215mm
Shape	Rectangular
Replacement/Cost	n/a
Reference/Standard	BS7942:2000
Production/Year	2016
Model/Number	T307A
Material	Aluminium extrusion, brass valve
Grade	n/a
Finish	Powder Coated
Features	n/a
Expected/Life	0
Duration/Unit	Years
Documentation/Technical	http://www.horne.co.uk/Resources/Horne-Literature/PRODUCT_RESOURCES/H15_TFC_Shower_Panel-Instructions/
Documentation/Literature	http://www.horne.co.uk/Resources/Horne-Literature/Shower_Panel-Specification-Manual/
Documentation/InstallationGuide	http://www.horne.co.uk/Products/Shower-Panels/Shower_Panel-Installation-and-Maintenance/
Documentation/Certificates	http://www.horne.co.uk/HORNE-TSV1-SHOWER-PANEL-WITH-TIMED-FLOW-CONTROL-FLEXIBLE-HOSE-AND-SLIDE-BAR/TSV1-A307A/
Created/On	April 2016
Created/By	sales@horne.co.uk
Contributors	n/a
Color	White RAL 9010
Code/Performance	Designed to meet requirements of BS7942:2000, approved under the TMV3 Scheme to NHS Model Engineering Specifications D18, WRAS Appro
Classification/Value	Pr_46_20_87_75
Classification/Name	Uniclass2015
Asset/Type	Panel

OK

Cancel

Apply

Other Notes

You can add the Horne Engineering shower panel components to your company template file, they will then be available without loading when starting a new project.

Revisions

Version 2.0 - In-Line Thermal Disinfection Unit updated to include ILTDU

bimstore.co.uk

North East
Spaceworks
Benton Park Road
Newcastle Upon Tyne
NE7 7LX

T: +44 (0)191 223 6600
F: +44 (0)191 223 6610