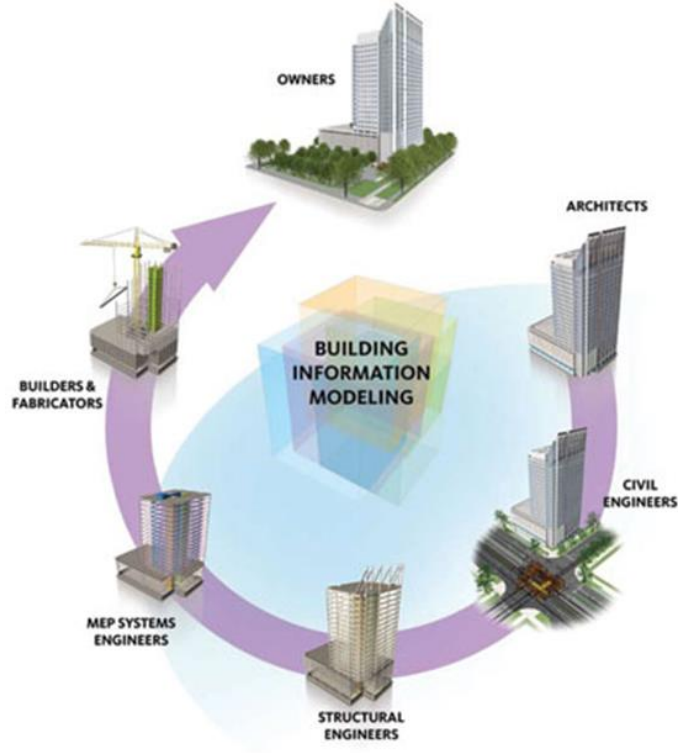




Polycrete® Pits

BIM Revit families

User Guidelines



# Introduction and Overview

Family Types

Name: Type 99

Parameter	Value	Formula	Lock
<b>Constraints</b>			
lids<Generic Models> (	lids_assembly : Polym	=	
riser_1 (default)	<input type="checkbox"/>	=	
riser_2 (default)	<input type="checkbox"/>	=	
WARNING! (default)		=if(and/riser_2, not/riser_	
riser_availability (default)		=if/riser_check, "No riser	
<b>Materials and Finishes</b>			
material_C_ANZRS	Polymer Concrete	=	
<b>Structural</b>			
net_mass_S_ANZRS (def)	147.000 kg	=if(product_index = 10, 1	
<b>Dimensions</b>			
A (default)	790.0	=size_lookup(lookup_tab	
B (default)	790.0	=size_lookup(lookup_tab	
height_01_C_ANZRS (de	582.0	=size_lookup(lookup_tab	











Parameters: Add, Modify, Remove, Move Up, Move Down

Sorting Order: Ascending, Descending

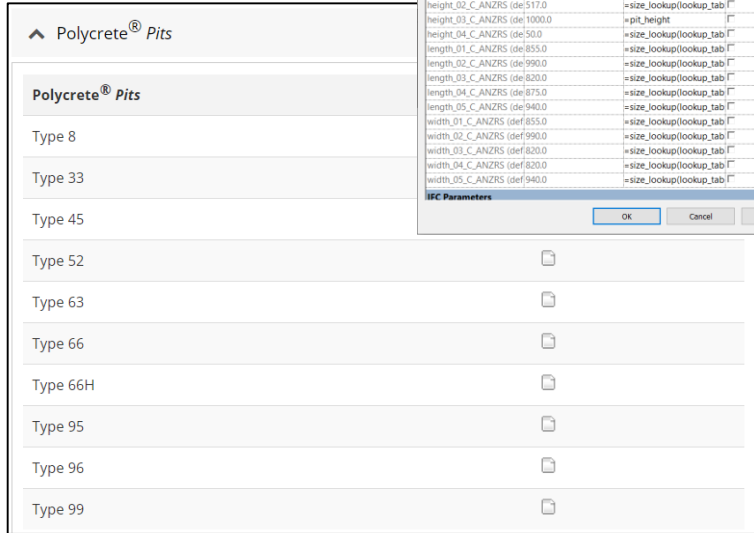
Lookup Tables: Manage

Apply, Help

Polycrete® Pits

Polycrete® Pits	DWG
Type 8	
Type 33	
Type 45	
Type 52	
Type 63	
Type 66	
Type 66H	
Type 95	
Type 96	
Type 99	

- There are 10 families in the model incorporating pits, riser & lid combinations
- Families are assigned to Omniclass number 23.30.10.27.27: Security Hatches
- User can select each family from the 'type selector' in the 'project environment'

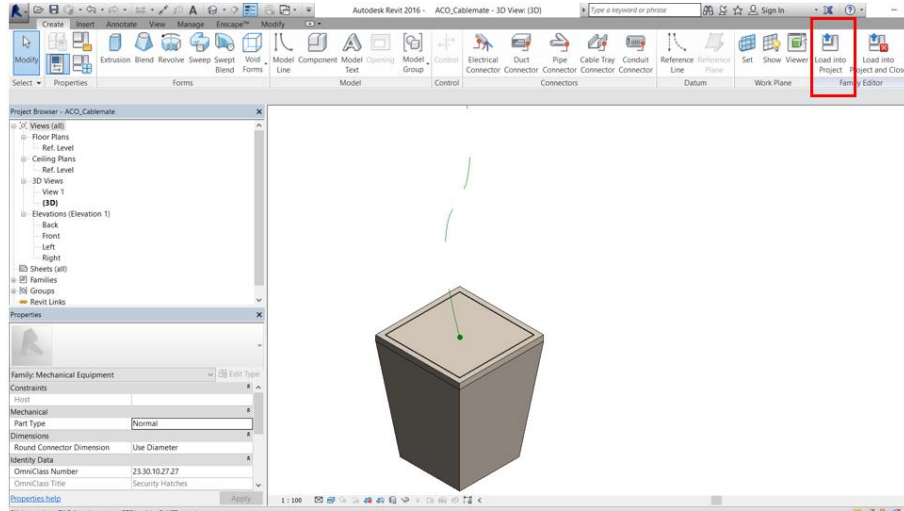


## File characteristic & contents

- File is under 1 Mb and designed to be user friendly
- File is tagged with manufacturer's name, specification codes and other relevant information
- Bill of materials (Schedules) can also be accessed from the 'project environment'

# Installation steps

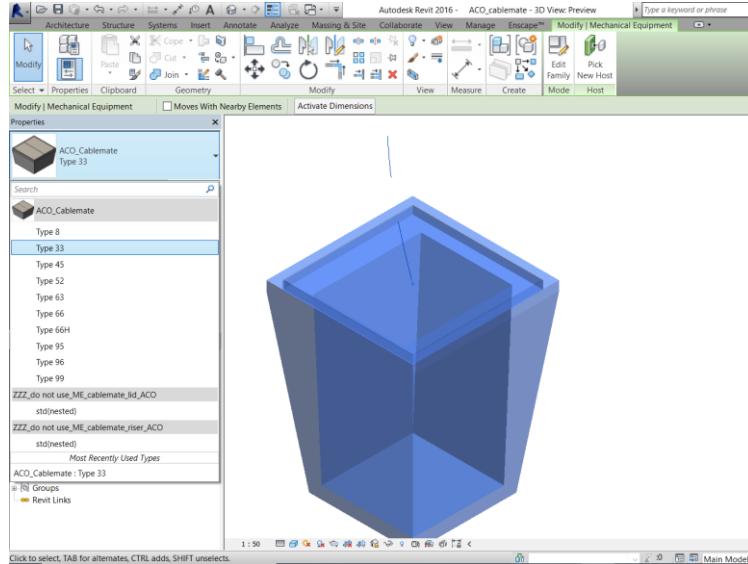
1.



- Load the families into the project file

## Installation steps

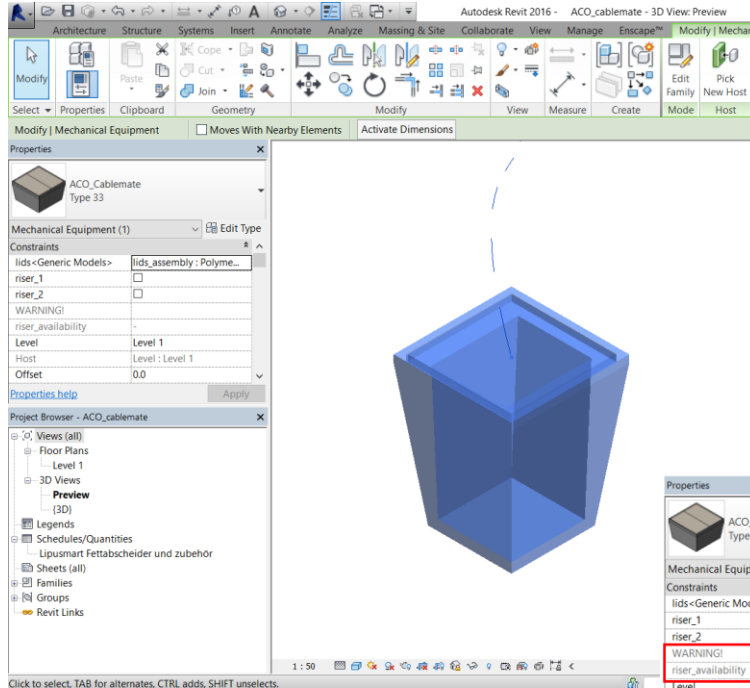
2.



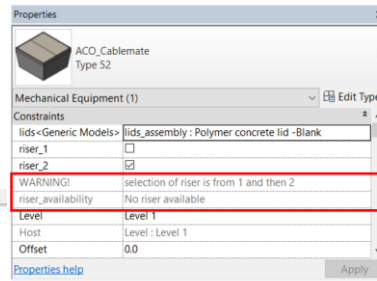
- Click on the model
- In the properties tool bar, it will display all family options

## Installation steps

3.

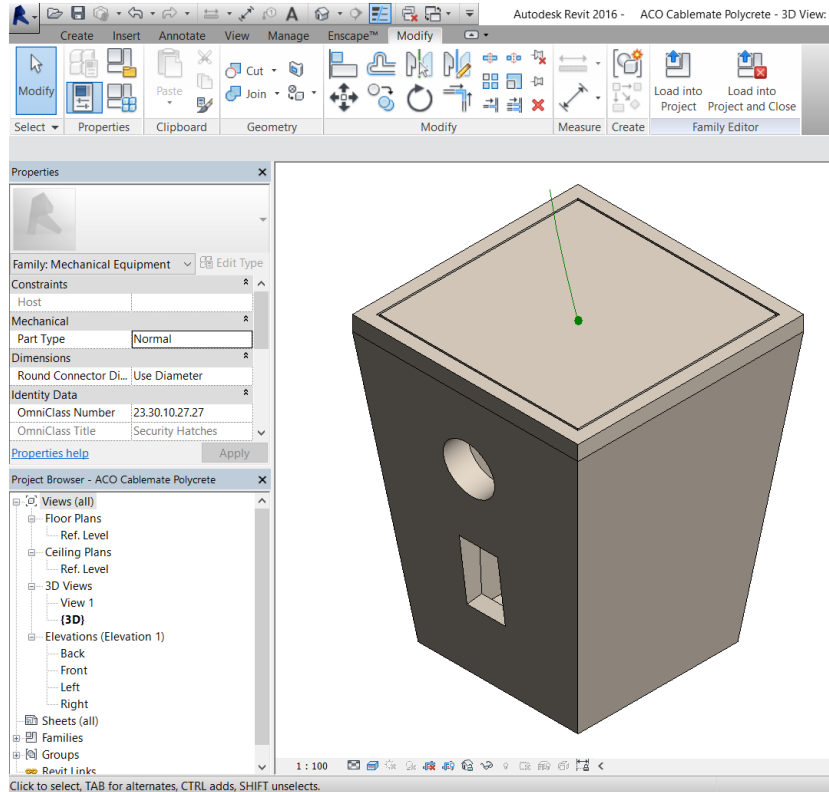


- When a family is selected, the properties tool bar will display (in the Constraints window) the 'pit, riser & lid' combinations for selection
- If an illogical selection is made for that family an alert is shown



## Installation steps

4.



- Models to be very flexible in that the pits place no restrictions on any possible arrangement of the cables entering/exiting. This ensures full integration of the cable route to the cable pit.
- For conduit connection, user may edit the family and add any shape of cuts (openings) on any or all walls

# Installation steps

## 5.

<ACO_Cablemate>					
A	B	C	D	E	F
Pieces	Definition	Article Number	GTR	weight	Technical Information
2	Type 8 polymer concrete riser	73419	-	85.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 96 Pit	74429	-	95.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
2	Type 96 polymer concrete riser	74463	-	55.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 52 Pit	74651	-	19.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 96 Polymer concrete 2 part lid (AS 3996 Cl A) - Blank	74660	-	69.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 52 Polymer concrete lid (AS 3996 Cl A) - Blank	74675	-	5.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 8 Pit	74691	-	162.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 8 Steel 2 part lid (AS 3996 Cl B)	74620	-	30.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>

<ACO_Cablemate>					
A	B	C	D	E	F
Pieces	Definition	Article Number	GTR	weight	Technical Information
2	Type 8 polymer concrete riser	73419	-	85.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 96 Pit	74429	-	95.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
2	Type 96 polymer concrete riser	74463	-	55.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 52 Pit	74651	-	19.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 96 Polymer concrete 2 part lid (AS 3996 Cl A) - Blank	74660	-	69.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 52 Polymer concrete lid (AS 3996 Cl A) - Blank	74675	-	5.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	Type 8 Pit	74691	-	162.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>
1	NA	Combination not available	-	0.00 kg	<a href="https://www.acocablemate.com.au/product-support/downloads/?id=0">https://www.acocablemate.com.au/product-support/downloads/?id=0</a>

- User can create BOMs by using schedules in Revit, which gives all the information about the products selected
- If there is a wrong combination selected, then it will still be flagged



**ACO. creating  
the future of drainage**

