Polycrete[®] Pits

BIM Revit families

User Guidelines







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troduction and Overview

- 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'



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	Parameter Value	Formula Lock	^ Fam		
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Type 99	G				

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'





Load the families into the project file





Click on the model

2.

In the properies tool bar, it will display all family options



Installation steps

Edit Type

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3.

Properties help

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- When a family is selected, the properies 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





 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.

4.

For conduit connection, user may edit the family and add any shape of cuts (openings) on any or all walls





5.

<aco_cablemate></aco_cablemate>							
A	B	С	D	E	F		
Pieces	Definition	Article Number	GTIN	weight	Technical Information		
2	Type 8 polymer concrete riser	73419		85.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
1	Type 96 Pit	74429		95.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
2	Type 96 polymer concrete riser	74463		55.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
1	Type 52 Pit	74651		19.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
1	Type 96 Polymer concrete 2 part lid (AS 3996 CI A) - Blank	74660		69.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
1	Type 52 Polymer concrete lid (AS 3996 CI A) - Blank	74675		5.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
1	Type 8 Pit	74991		162.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		
1	Type 8 Steel 2 part lid (AS 3996 CI B)	76820		30.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0		

<aco_cablemate></aco_cablemate>						
A	8	C	D	E	F	
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1	Type 52 Polymer concrete lid (AS 3996 CI A) - Blank	74675		5.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0	
1	Type 8 Pit	74991		162.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0	
1	NA	Combination not available		0.00 kg	https://www.acocablemate.com.au/product-support/downloads/?id=0	

- 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

