



Revit Families

MANUAL HANDLING
UNDERGROUND TANK CARAT S
+ ACCESSORIES



GENERAL

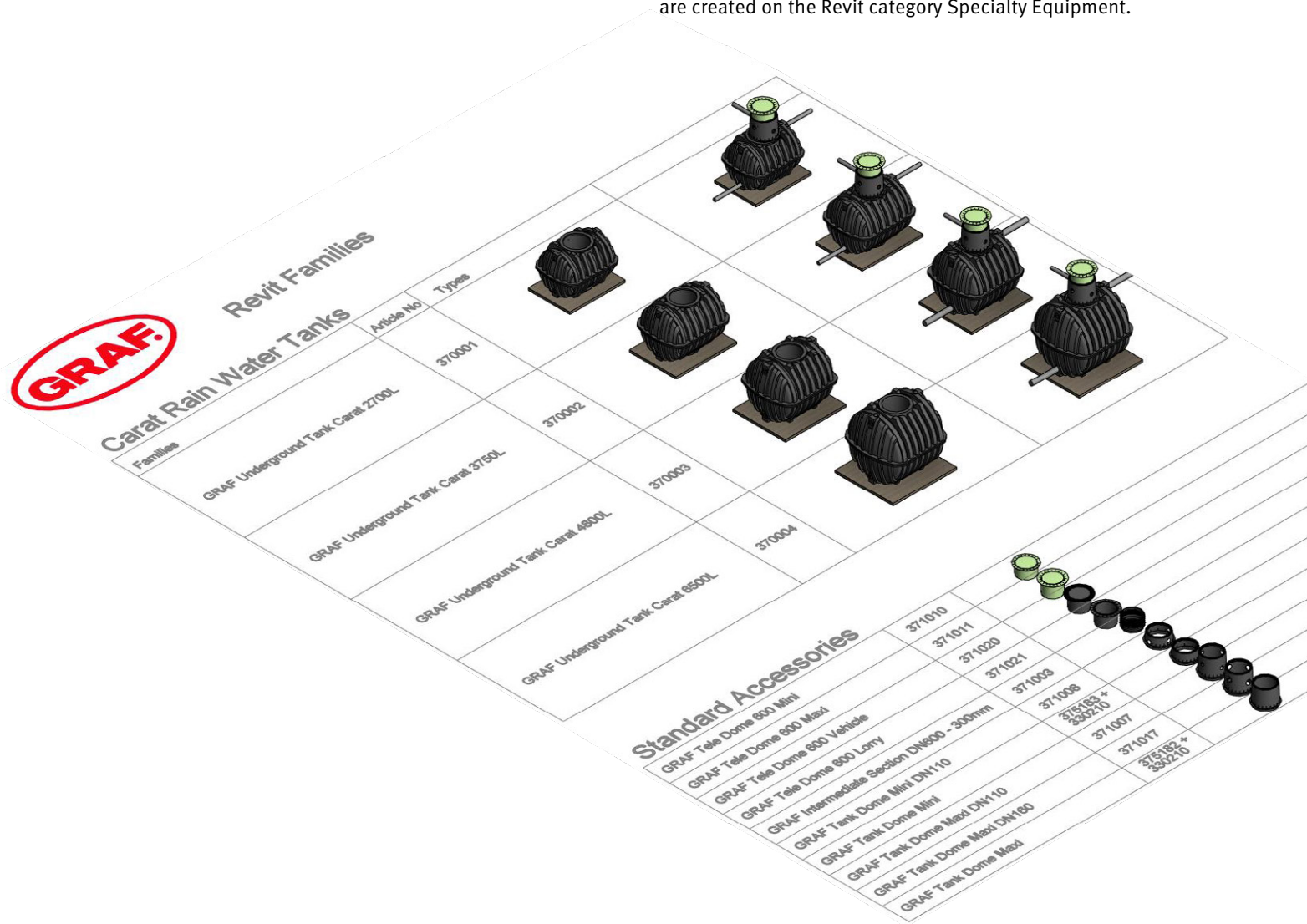
REVIT Underground Tank Carat S + Accessories

Revit Version

The GRAF Revit Families are created in the english version of Revit 2018.

Revit Project

The Revit project **GRAF_Underground_Tank_Carat_S_Family_+_standard_Accessories.rvt** contains all tank and standard accessories families of the Carat S series. The families are created on the Revit category Specialty Equipment.



How to add the families to your project

1. Open your Revit project.
2. Open the **GRAF_Underground_Tank_Carat_S_Family_+_standard_Accessories.rvt**
3. In this project, select a family.
4. In the Modify menu run Edit Family. This opens the Family Editor.
5. From here, run Load into Project (or Load into Project and Close) and select your project.
The family is available now in the project browser of your project under Families > Specialty Equipment.
The family types can be dragged into your drawing area.
6. You can close the family you have opened. You do not need to save it, as all families and types are still available in the **GRAF_Underground_Tank_Carat_S_Family_+_standard_Accessories.rvt**

*Alternatively, use Insert > Load Family to load the downloaded single families directly in your project.
In this case, you do not need to open the overview project.*

Correct planning

For correct planning, the information in the product-specific installation instructions must be observed.

Detail Levels

The GRAF families support the Revit detail levels Coarse, Medium and Fine.



coarse



medium

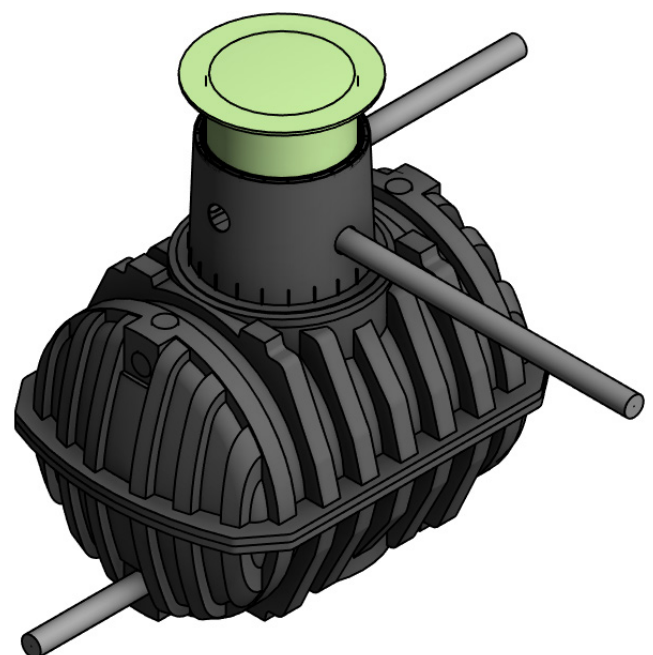
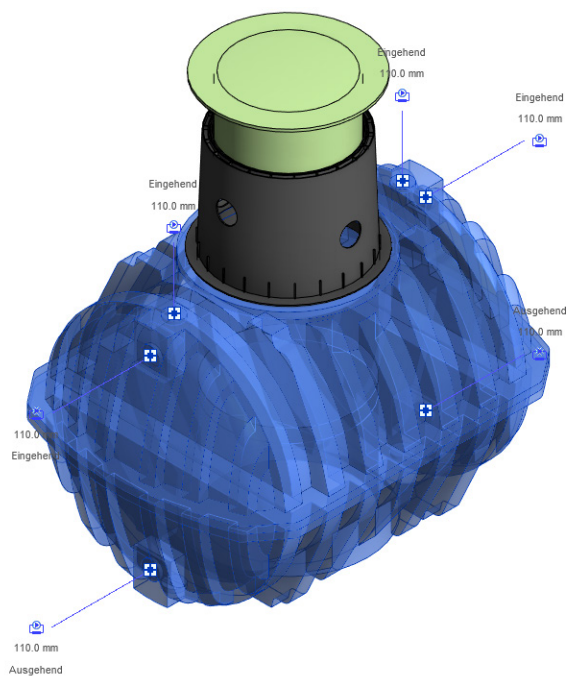


fine

Connectors

Piping systems can be designed using the connectors on the tanks and accessories.

Underground Tank Carat S

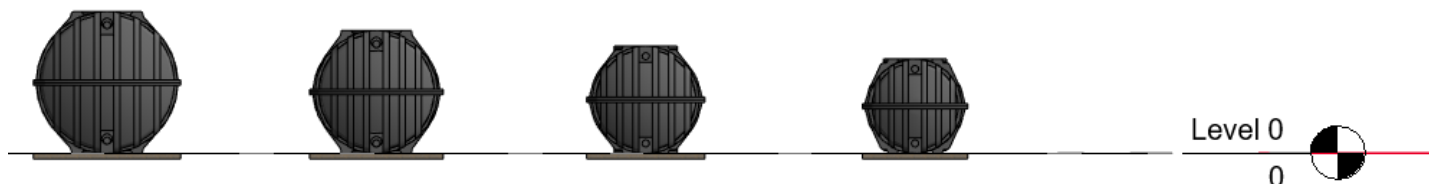


PROPERTIES

REVIT Underground Tank Carat S + Accessories

Base of the families

The base points in the families are in x/y-direction the center, in z-direction on the bottom edge for the tanks, for accessories based on the usage of the families.



Show Gravel

Defines the visibility of the gravel layer below the tank. This is displayed with 80 mm below the base-point of the model.



Konstruktion	
Show Gravel	<input type="checkbox"/>



Konstruktion	
Show Gravel	<input checked="" type="checkbox"/>

TYPE PROPERTIES

REVIT Underground Tank Carat S + Accessories



The Type Properties contain Meta data like article number or hyperlinks to technical information. The material parameter is already set with predefined GRAF materials.

Typeneigenschaften

×

Familie:

GRAF Underground Tank Carat S 2700L

▼

Typ:

Carat S 2700L

▼

Laden...

Duplizieren...

Umbenennen...

Typenparameter

Parameter	Wert	=	^
Konstruktion			
Excavation Width	1765.0		
Excavation Length	2280.0		
Excavation Height	1785.0		
Distance from Solid Constructions	1000.0		
Materialien und Oberflächen			
Abmessungen			
Width	1565.0		
Length	2080.0		
Height	1400.0		
HLS			
Connection Surfaces	6xDN110		
ID-Daten			
Typenbild			
Bauelement			
Beschreibung	Rain Water Tank		
Material Description	PP		
Modell	Underground Tank Carat S 2700L		
Article Number	372024		
Volume	2700.00 L		
Weight	120.000 kg		

GRAF Specialty Equipment Schedule

All product-relevant parameters are supplied in the specially prepared component list.

A	B	C	D	E	F	G	H	I	J	K
Count	Family	Type	Model	Article Number	Material Description	Max. Load	Connection Surfaces	Length	Width	Height
1	GRAF Underground Tank Carat S 2700L	Carat S 2700L	Underground Tank Carat S 2700L	372024	PP	12 t	6xDN110	2080	1565	1400
1	GRAF Underground Tank Carat S 3750L	Carat S 3750L	Underground Tank Carat S 3750L	372025	PP	12 t	6xDN110	2280	1755	1590
1	GRAF Underground Tank Carat S 4800L	Carat S 4800L	Underground Tank Carat S 4800L	372026	PP	12 t	6xDN110 / 6xDN160	2280	1985	1820
1	GRAF Underground Tank Carat S 6500L	Carat S 6500L	Underground Tank Carat S 6500L	372027	PP	12 t	6xDN110 / 6xDN160	2390	2190	2100



For more information about our Stormwater Management, Rainwater Harvesting or Wastewater Treatment, ask for our technical catalogue.