# Revit Families

RF EN
2019
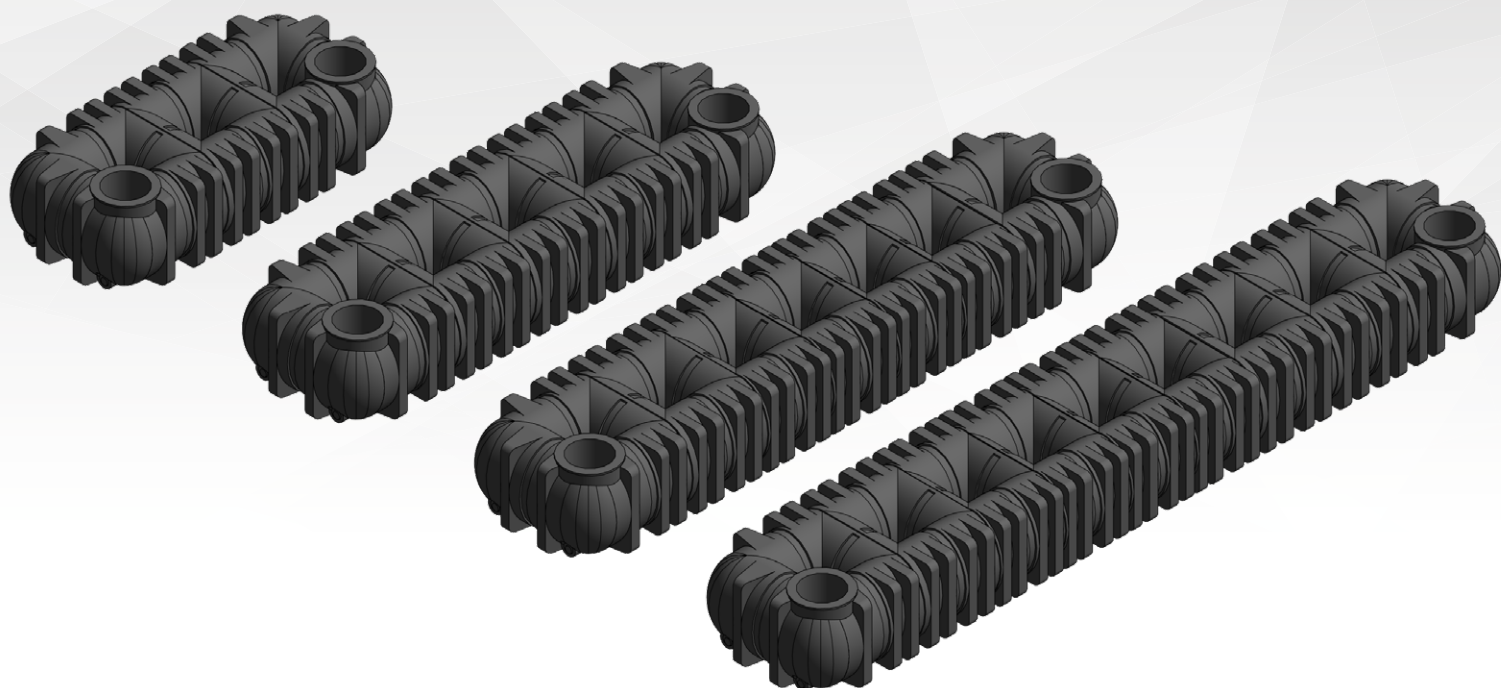
MANUAL HANDLING
FLAT TANK PLATIN XL–XXL
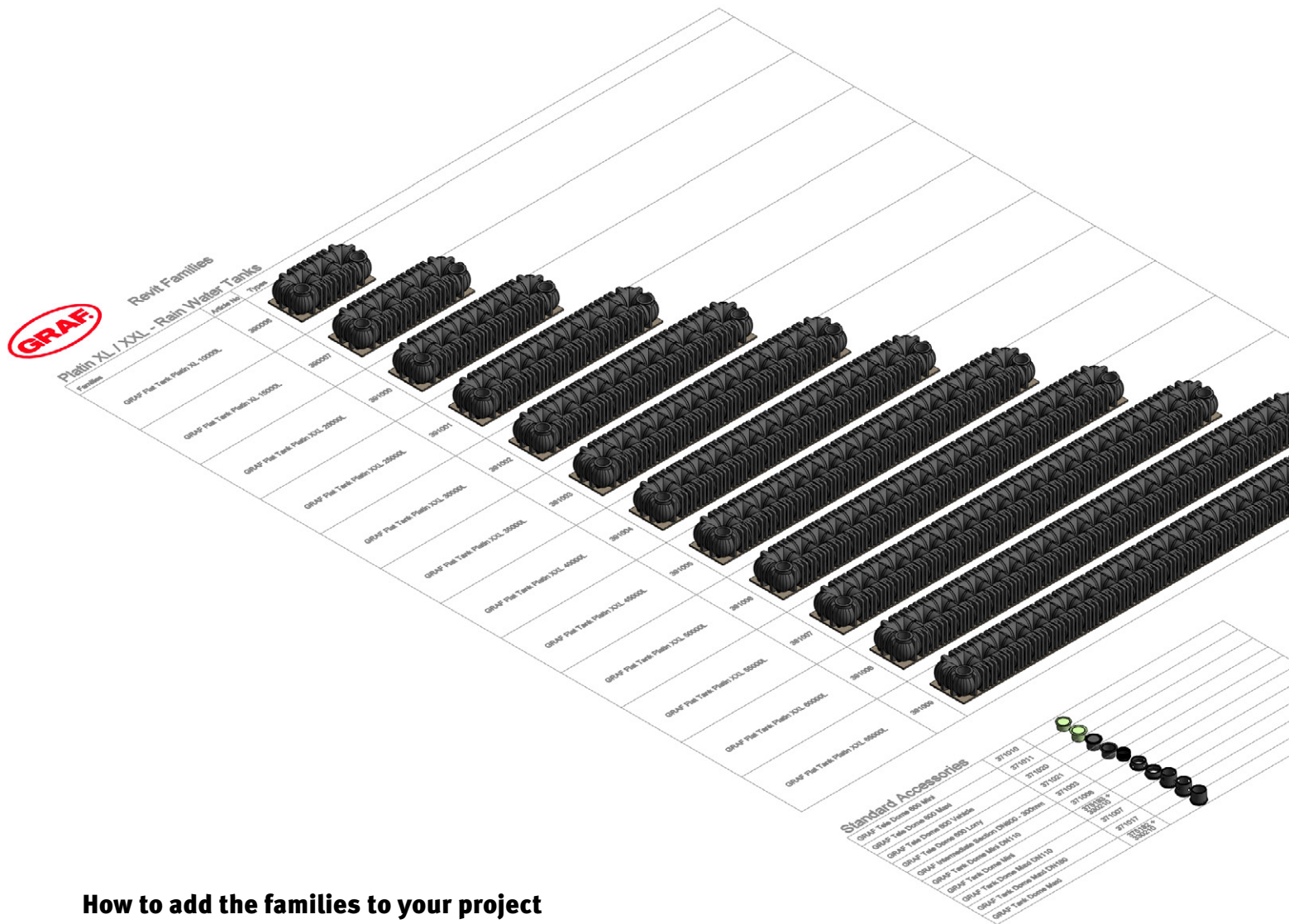+ ACCESSORIES

# GENERAL

REVIT Flat Tank Platin XL – XXL + Accessories

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## Revit Version

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

## Revit Project

The Revit project **GRAF_Flat_Tank_Platin_XL-XXL_+_standard_Accessories.rvt** contains all tank and standard accessories families of the Carat 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_Flat_Tank_Platin_XL-XXL_+_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_Flat_Tank_Platin_XL-XXL_+_standard_Accessories.rvt**

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*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.*

# PROPERTIES

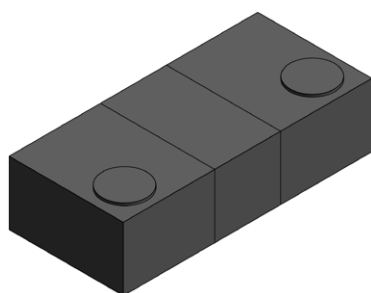REVIT Flat Tank Platin XL – XXL + Accessories
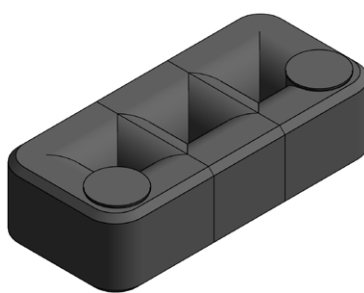
## Correct planning

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

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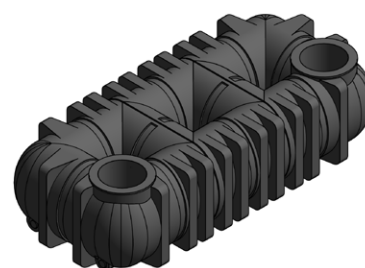
The GRAF families support the Revit detail levels Coarse, Medium and Fine.



**coarse**
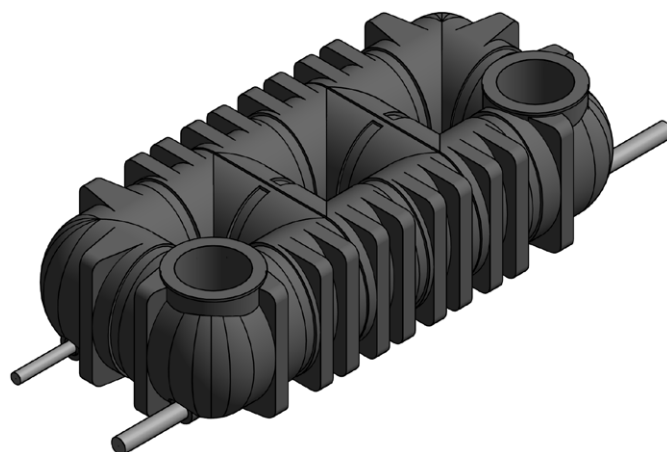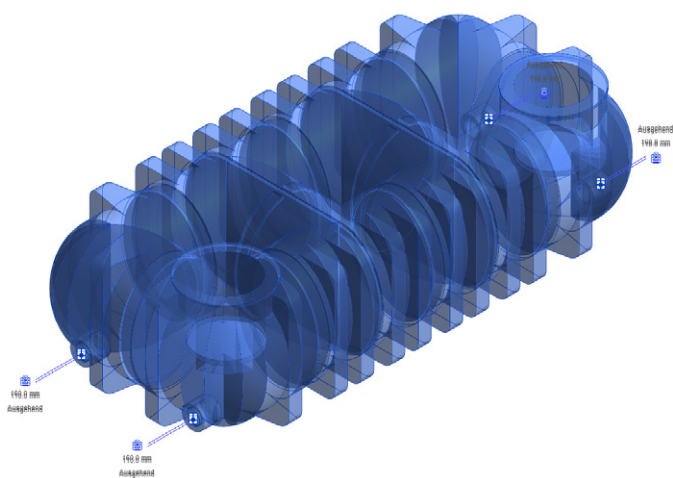


**medium**



**fine**

## Connectors

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

### Flat Tank Platin XL – XXL

# PROPERTIES

REVIT Flat Tank Platin XL – XXL + Accessories

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## 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.



Level 0

0

## 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 | ☐ | |



| Konstruktion | | ⌃ |
|---|---|---|
| Show Gravel | ☑ | |
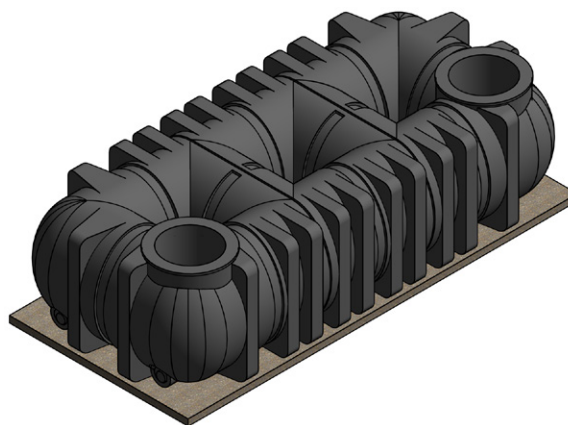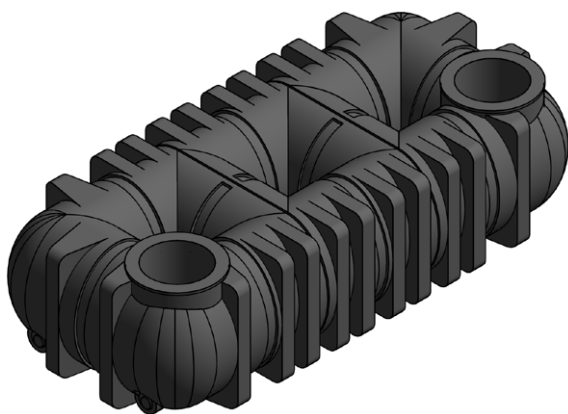
# TYPE PROPERTIES

## REVIT Flat Tank Platin XL – XXL + 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 Flat Tank Platin XL 10000L | Laden… |
| --- | --- | --- |
| Typ: | Platin XL 10000L | Duplizieren… |
| | | Umbenennen… |

**Typenparameter**

| Parameter | Wert | = |
| --- | --- | --- |
| **Konstruktion** | | ⌃ |
| Excavation Width | 2450.0 | |
| Excavation Length | 5100.0 | |
| Excavation Height | 1635.0 | |
| Distance from Solid Constructions | 1000.0 | |
| **Materialien und Oberflächen** | | ⌃ |
| Material | Graf_PE | |
| **Abmessungen** | | ⌃ |
| Width | 2250.0 | |
| Length | 4900.0 | |
| Height | 1250.0 | |
| **HLS** | | ⌃ |
| Connection Surfaces | 4x DN110 / 4x DN160 / 4x DN200 | |
| **ID-Daten** | | ⌃ |
| Typenbild | | |
| Bauelement | | |
| Beschreibung | Rain Water Tank | |
| Material Description | PE | |
| Modell | Flat Tank Platin XL 10000L | |
| Article Number | 390006 | |
| Volume | 10000.00 L | |

## GRAF Specialty Equipment Schedule

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

| A | B | C | D | E | F | G |
| --- | --- | --- | --- | --- | --- | --- |
| Count | Family | Type | Article Number | Material Description | Max. Load | Connection Surfaces |
| 1 | GRAF Flat Tank Platin XL 10000L | Platin XL 10000L | 390006 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XL 15000L | Platin XL 15000L | 390007 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 20000L | Platin XXL 20000L | 391000 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 25000L | Platin XXL 25000L | 391001 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 30000L | Platin XXL 30000L | 391002 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 35000L | Platin XXL 35000L | 391003 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 40000L | Platin XXL 40000L | 391004 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 45000L | Platin XXL 45000L | 391005 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 50000L | Platin XXL 50000L | 391006 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin PXL 55000L | Platin XXL 55000L | 391007 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin PRXL 60000L | Platin XXL 60000L | 391008 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |
| 1 | GRAF Flat Tank Platin XXL 65000L | Platin XXL 65000L | 391009 | PE | 30 t | 4x DN110 / 4x DN160 / 4x DN200 |

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