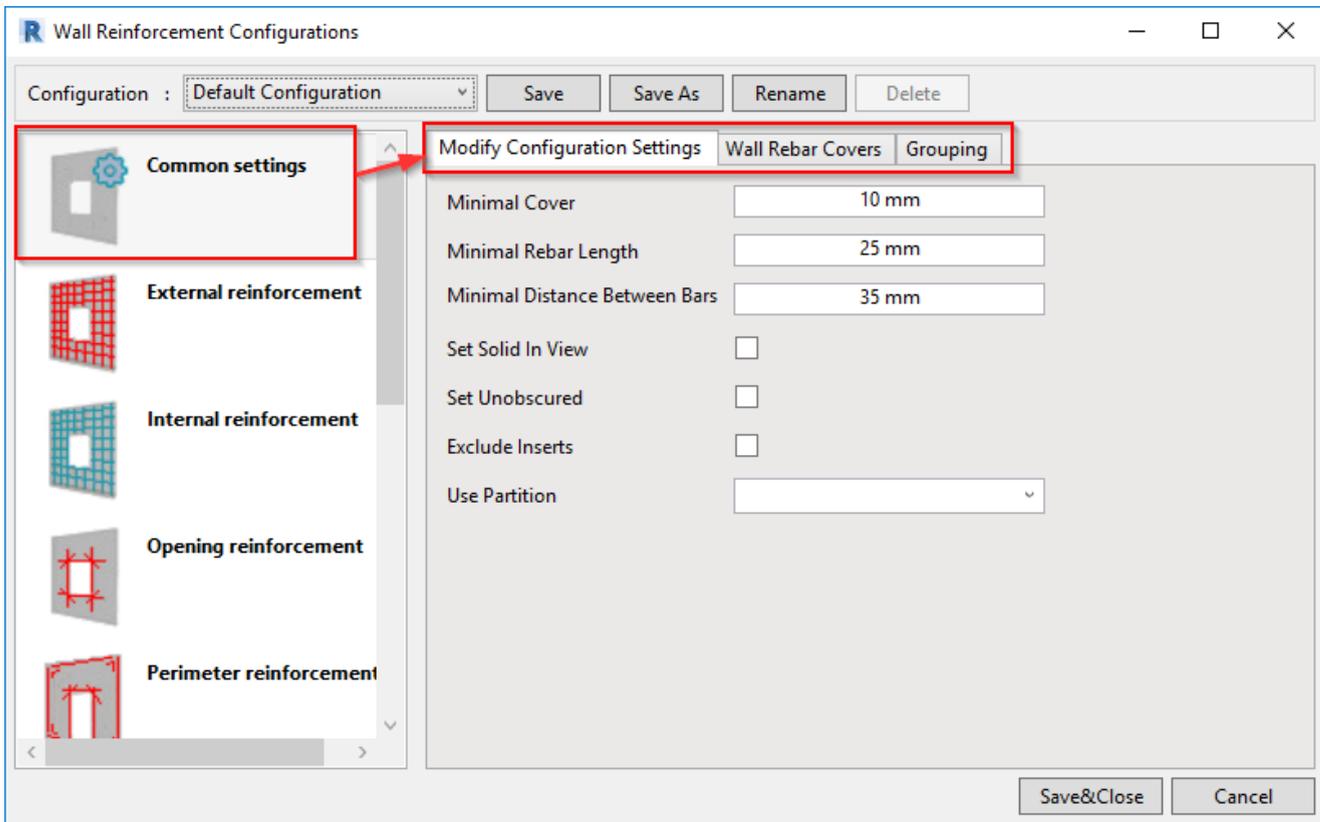


Rebar Configurations - Common Settings

Modified on: Wed, 26 May, 2021 at 3:31 PM

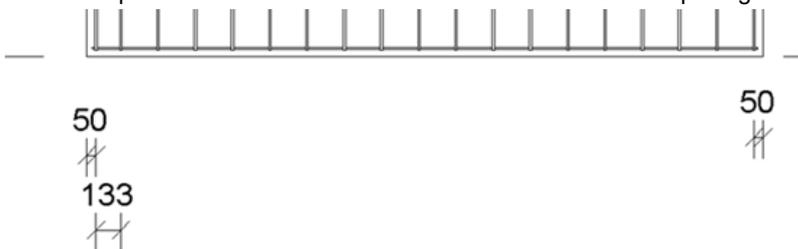


Modify Configuration Settings

Minimal Cover - define cover distance around openings for edge bars, if they intersect openings.

Minimal Rebar Length – if rebar length is less than the value provided here, then it will be deleted.

Minimal Distance Between Bars – applies to rebar that has a defined spacing - main and U rebar, if First/Last Spacing is set to Both. Example: If Minimum Distance is set to 60 and First/Last Spacing is set to Both and distance is 50, then:



Example: If Minimum Distance is changed to 135, then:



Set Solid in View – if Rebar is created while in 3D view, Rebar visibility states will be checked as Solid in that view. If rebar is created while 2D view is active, rebar will not be set to solid.

Set Unobscured – will set Unobscured for rebar in active view

Exclude Inserts - if checked, software will neglect hosted families that have this Type parameter: Remove Family. It is useful if you have cuts as families and you want to ignore them so that reinforcement will go through them.

It is a Yes/No parameter. It should be a Type parameter and should be turned On in the properties of hosted element.

Parameter Properties

Parameter Type

Project parameter
(Can appear in schedules but not in tags)

Shared parameter
(Can be shared by multiple projects and families, exported to ODBC, and appear in schedules and tags)

Select... Export...

Parameter Data

Name:

Discipline: Type Instance

Common

Type of Parameter: Values are aligned per group type Values can vary by group instance

Group parameter under:

Tooltip Description:
<No tooltip description. Edit this parameter to write a custom tooltip. Custom tooltips hav...

Categories

Filter list: <multiple>

Hide un-checked categories

- Ramps
- Rebar Shape
- Roofs
- Security Devices
- Site
- Specialty Equipment
- Sprinklers
- Stairs
- Structural Area Reinforcement
- Structural Beam Systems
- Structural Columns
- Structural Connections
- Structural Fabric Areas
- Structural Fabric Reinforcement
- Structural Foundations
- Structural Framing
- Structural Path Reinforcement
- Structural Rebar
- Structural Rebar Couplers
- Structural Stiffeners

Check All Check None

Add to all elements in the selected categories

OK Cancel Help

Wall Reinforcement

rebar goes through the void

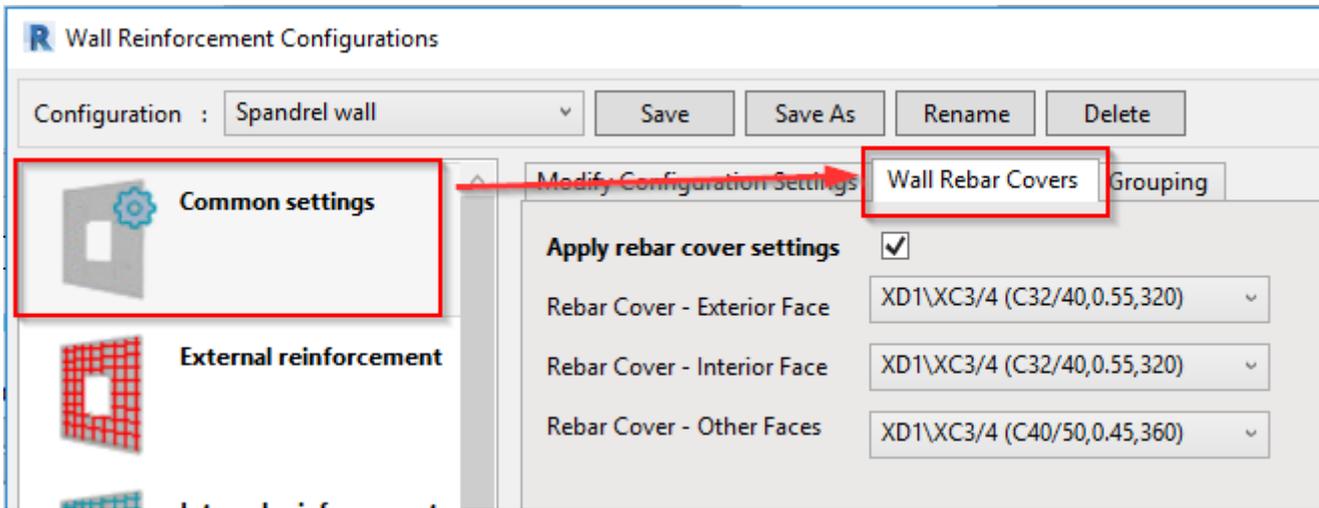
Type Parameters

Parameter	Value
Material	<By Category>
Identity Data	
Type Image	
Keynote	
Model	
Manufacturer	
Type Comments	
URL	
Description	
Assembly Code	
Cost	
Assembly Description	
Type Mark	
OmniClass Number	
OmniClass Title	
Code Name	
Other	
Remove Family	<input checked="" type="checkbox"/>

Use Partition - select partition to which rebar will belong. This will affect rebar numbering.

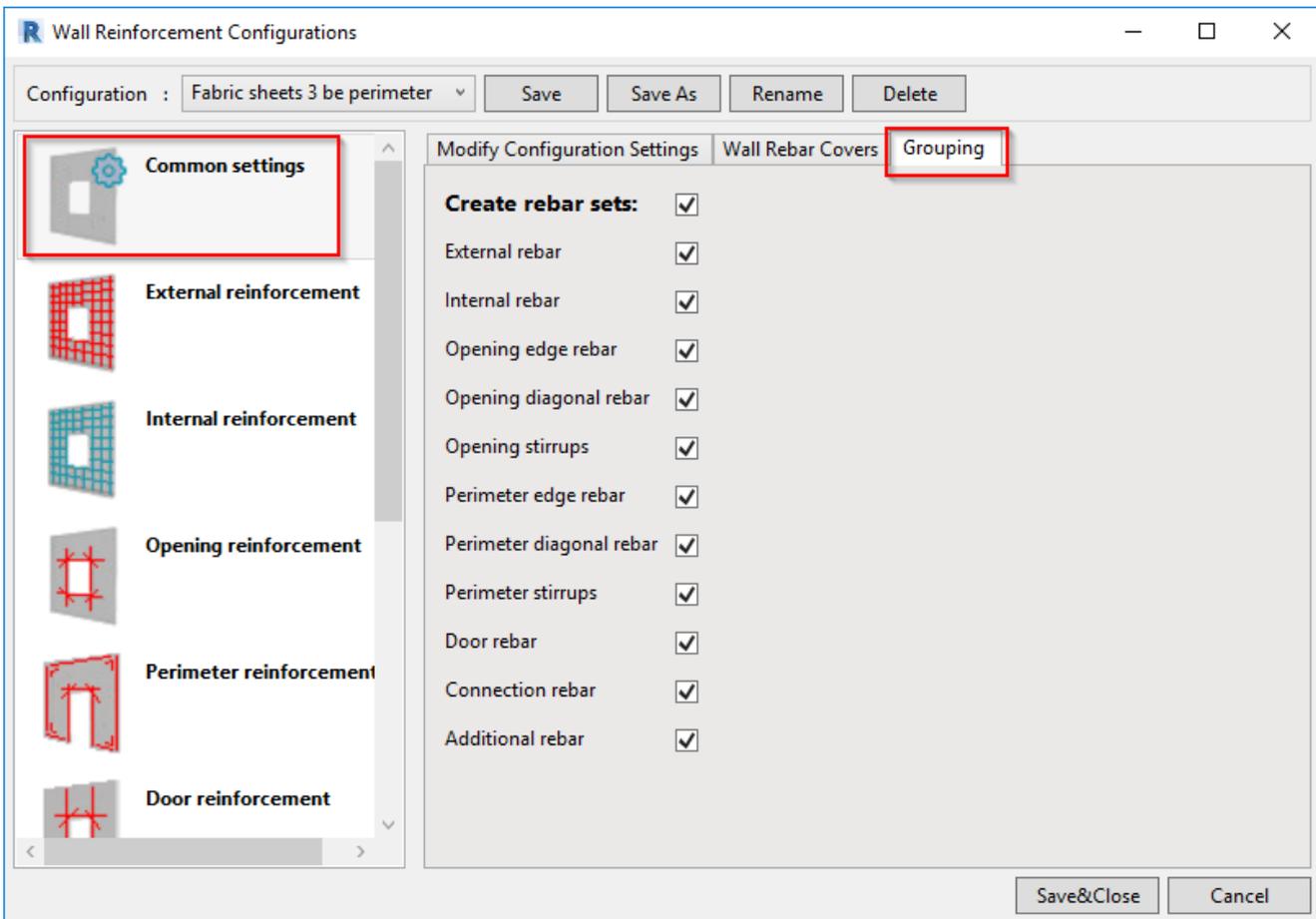
Create Rebar Sets - select which rebar should be created as individual bars and which ones should be created as rebar sets.

Wall Rebar Covers



Rebar covers are controlled with constraints in all the settings, but for Fabric Sheets it is not possible to use constraints. What you can do here is change Rebar Cover settings which will affect Fabric Sheets. Turn it ON and choose Rebar Cover settings from the ones available in the project. After you create Fabric reinforcement, these settings will be applied to the wall. Keep this value smaller than the Exterior and Interior Cover values in Fabric Sheet settings.

Grouping



Create rebar sets - turn ON bars that should be created as Rebar sets. If OFF, then individual bars will be created.

