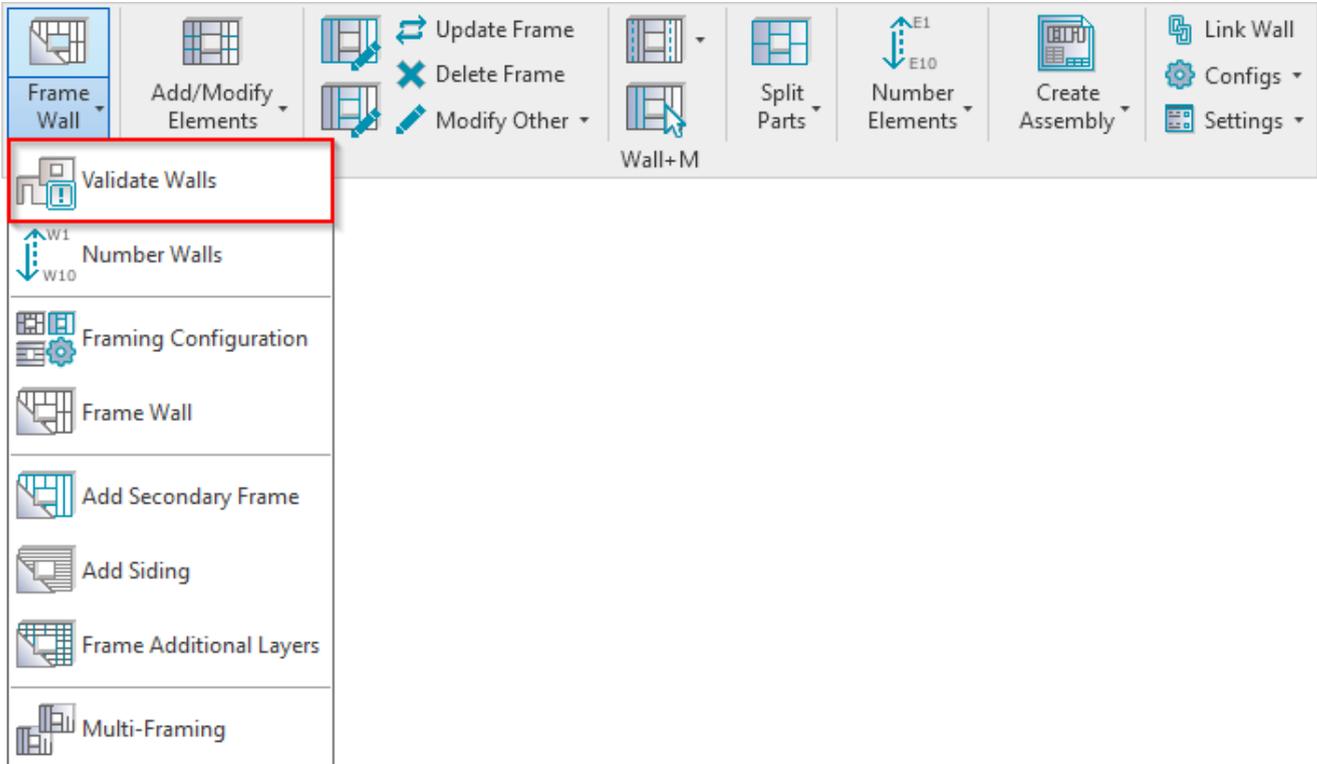


# FRAME WALL – VALIDATE WALLS

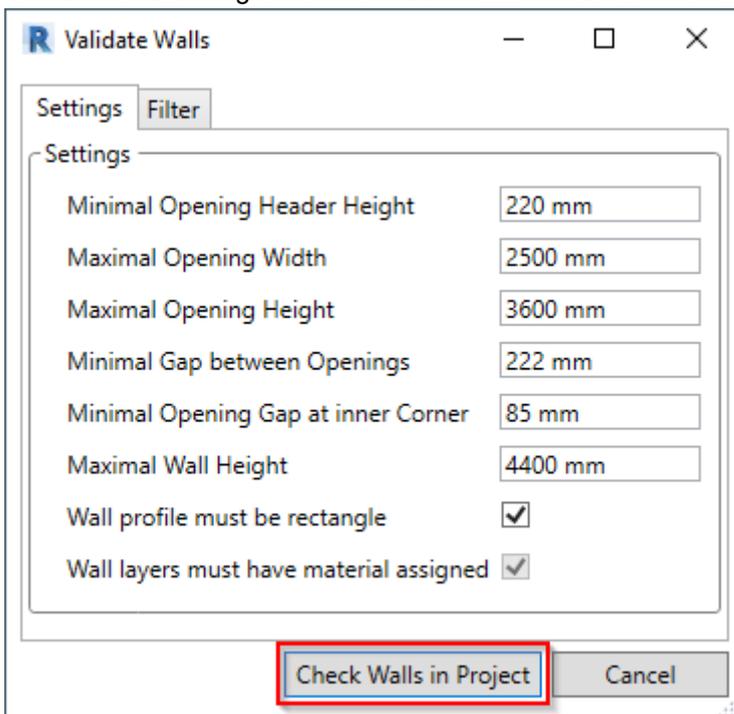
Modified on: Sun, 6 Dec, 2020 at 6:08 PM

## Validate Walls



**Validate Walls** – checks if the walls in the current project fit the predefined settings. Only validated walls should be framed.

Predefine the settings for wall validation → click **Check Walls in Project**.



**Result:**

**Wall+M** scans all walls in the current project and provides a report as to whether they fit the predefined sizes:

**Validate Walls**

Settings Filter

**Settings**

Minimal Opening Header Height

Maximal Opening Width

Maximal Opening Height

Minimal Gap between Openings

Minimal Opening Gap at inner Corner

Maximal Wall Height

Wall profile must be rectangle

Wall layers must have material assigned

**Summary**

Total of Checked Walls: **11**

Walls without Warnings: **9**

Walls with Warnings: **2**

Validation Report Layers Report

Category	Mark	Id	Message
Walls	W-6	144418	Gap between openings is less than minimal gap
Walls	W-8	154470	Wall profile is not rectangle

Show Element Export to CSV... OK

**Wall+M** also analyzes the layers in the wall and gives a report about the wall types.

For example, **Wall+M** will frame the layer if it has a material assigned, so there is an option to select **Wall layer must have material assigned** and check all wall types. In this same dialog, you can click **Edit Type** and go to wall type modification where you have the option to assign the needed material.

**Validate Walls**

Settings

Minimal Opening Header Height: 220 mm

Maximal Opening Width: 2500 mm

Maximal Opening Height: 3600 mm

Minimal Gap between Openings: 222 mm

Minimal Opening Gap at inner Corner: 85 mm

Maximal Wall Height: 999999 mm

Wall profile must be rectangle

Wall layers must have material assigned

Summary

Total of Checked Walls: **8**

Walls without Warnings: **8**

Walls with Warnings: **0**

Validation Report **Layers Report**

Wall Type	Id	Message
Generic - 375mm	485	Wall type has layers with no material assigned
Exterior - Block on Mtl. Stud	34308	Wall type has layers with no material assigned

Here you can assign the needed material and this wall type will be ready for the framing process:

Edit Assembly ✕

Family: Basic Wall  
 Type: Generic - 375mm  
 Total thickness: 375.0      Sample Height:   
 Resistance (R): 0.0000 (m<sup>2</sup>·K)/W  
 Thermal Mass: 0.00 kJ/K

Layers

EXTERIOR SIDE					
	Function	Material	Thickness	Wraps	Structur. Material
1	<b>Core Boundary</b>	<b>Layers Above Wr</b>	<b>0.0</b>		
2	Structure [1]	<By Category>	375.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	<b>Core Boundary</b>	<b>Layers Below Wra</b>	<b>0.0</b>		
< >					
INTERIOR SIDE					
Insert		Delete	Up	Down	

Default Wrapping

At Inserts:       At Ends:

Modify Vertical Structure (Section Preview only)

Modify      Merge Regions      Sweeps

Assign Layers      Split Region      Reveals

<< Preview            Cancel     

After adding a material, close the dialog and run **Validate Walls** again to make sure the problem has been solved.