## FRAME WALL – VALIDATE WALLS

Modified on: Mon, 26 Oct, 2020 at 8:41 PM

## Validate Walls

Frame Wall	Update Frame Delete Frame Modify Other •	Split Parts	Build Log Wall	Number Elements	Create Assembly	<ul> <li>Iink Wall</li> <li>Configs ▼</li> <li>Settings ▼</li> </ul>
Validate Walls		Wall+				
W1 Number Walls						
Framing Configuration						
Frame Wall	_					
Add Secondary Frame						
Add Nailers						
Add Siding						
Frame Additional Layers						
Multi-Framing						

**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 $\rightarrow$ click **Check Walls in Project**.

R Validate Walls	_		×	
Settings Filter				
Settings				
Minimal Opening Header Height	220.	00 mm		
Maximal Opening Width	2500	).00 mm		
Maximal Opening Height	3600	).00 mm		
Minimal Gap between Openings	222.	00 mm		
Minimal Opening Gap at inner Corner	85.0	0 mm		
Maximal Wall Height	4400.00 mm			
Wall profile must be rectangle	✓			
Wall layers must have material assigned	$\checkmark$			
Check Walls in Pro	ject	Cano	el	

## Result:

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

R Validate Walls				<		_		×
Settings Filter			4	5				
Settings								
Minimal Opening Head	er Height	220.00 m	ım	]				
Maximal Opening Widt	h	2500.00	mm	]				
Maximal Opening Heig	ht	3600.00	mm	]				
Minimal Gap between (	Openings	222.00 m	ım	]				
Minimal Opening Gap a	at inner Corner	85.00 mr	n	]				
Maximal Wall Height		4400.00	mm	]				
Wall profile must be red	tangle	$\checkmark$						
Wall layers must have n	naterial assigned	$\checkmark$						
L								
Summary —								
Total of Checked Walls: Walls without Warnings:	-							
Walls with Warnings:								
Validation Report Layers	Report							
Category	Mark		ld		Mes	sage		
Walls	1983981		198398	Wall profile	is not rect	angle		
Walls	1983981		198398	Wall height	surpasses	maximal	wall heig	3ht
<								>
			Sh	ow Element	Export t	o CSV	O	<

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

For example, **Wall+** 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.

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R Validate Walls	– 🗆 X						
Settings Filter							
Settings	]						
Minimal Opening Header Height	220.00 mm						
Maximal Opening Width	2500.00 mm						
Maximal Opening Height	3600.00 mm						
Minimal Gap between Openings	222.00 mm						
Minimal Opening Gap at inner Corner	85.00 mm						
Maximal Wall Height	4400.00 mm						
Wall profile must be rectangle	$\checkmark$						
Wall layers must have material assigned 🖌							
Summary							
Total of Checked Walls: 9 Walls without Warnings: 8							
Walls with Warnings: 1							
Validation Report Layers Report							
Wall Type Id	Message						
Generic - 200mm 249 Wall t	type has layers with no material assigned						
<	>						
[	Edit Type Export to CSV OK						

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

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FRAME WALL - VALIDATE WALLS : AGACAD

12021			110			
Edit As	sembly				×	
Type: Gen Total thickness: 375 Resistance (R): 0.0		Basic Wall Generic - 375mm 375.0 0.0000 (m²·K)/W 0.00 kJ/K	<u>S</u> ample H	Sample Height: 6000.0		
Laye	ers	EXTERIO	OR SIDE			
	Function	Material	Thickness	Wraps	Structur Materia	
1		ry Layers Above V	Vr 0.0			
2	Structure [1]	<by category=""></by>	375.0			
3	Core Bounda	ry Layers Below W	/ra 0.0			
<					>	
1		INTERIO	R SIDE			
	Insert Delete Up		Do	wn		
At	ault Wrapping I <u>n</u> serts: not wrap	~	At <u>E</u> nds: None		~	
Mod	lify Vertical Struc	ture (Section Preview	only)			
	Modify Merge Regions		S <u>w</u> eeps	S <u>w</u> eeps		
	<u>A</u> ssign Layers	Sp <u>l</u> it Reg	gion	<u>R</u> eveals	<u>R</u> eveals	
<	<< <u>P</u> review	ОК	Cancel		Help	

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