# FRAME WALL – ADD MAIN FRAME

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Frame Wall
Frame Wall       Add/Modify Elements       Update Frame > Delete Frame Modify Other +       Image: Create Parts       Split Parts       Split Parts       Build Log Wall       Number Elements       Create Assembly       Image: Create Settings +
Or:
Frame Wall       Add/Modify Elements       Image: Construction of the second se
Validate Walls
Vumber Walls
Framing Configuration
Frame Wall
Add Secondary Frame
Add Nailers
Add Siding
Frame Additional Layers
Multi-Framing

Frame Wall – frames selected walls or parts from the model according to predefined configuration.



# First time in the project

The first time you click **Frame Wall** in a new project, you will get a message that the framing families are not loaded. You can load them directly from here:

Wall+		$\times$								
?	There are no Structural Framing families loaded to your project. Would you like to load them now?									
	<u>Y</u> es <u>N</u> o									

#### Just click OK:

R Select Family Catalogs for Loading —		$\times$
Catalog Name		Load
Log Families		
Main Families		~
Main Families with Shared Cut Angles		
Optional-Gravity Center		
Optional-Metal Braces		
Optional-Special V Studs		
Sample Details		
Sample Schedules		
Sample Tags		
Siding Families		
Split & Invisible Families		
Notes		
Company Catalog Name	Browse	Load
	Browse	
Overwr	ite Parame	ters 🗌
Cancel	Ok	[

Framing families can be also loaded using Wall+  $\rightarrow$  Settings  $\rightarrow$  Load Families:

7/9/2021	FRAME WALL – ADD MAIN FRAME : AGACAD										
Frame Wall	Add/Modify Elements	Update Frame Delete Frame Modify Other •	Split Parts	Build Log Wall	Number Elements	Create Assembly	<ul> <li>Link Wall</li> <li>Configs ▼</li> <li>Settings ▼</li> </ul>				
		📭 Load Families									
							↔ Set Max Spacing for Frame				
			🏣 Manage Walls								
			🛃 Manage Profiles								
			Configuration Files' Location								
							Template Project Location				
							🕞 Transfer Wall Types				
							🗊 Transfer Standards				
							Transfer Annotations				
							[ E-Help (web)				

#### Read more Load Families>> (https://agacad.freshdesk.com/a/solutions/articles/44001549317-load-families)

**Wall+** checks the status of selected walls. If there is something wrong with the walls, you will get a detailed report. In the image below, you can see possible report messages.

### Let's solve the problem of wall type Int - 16+198+13:

R Report		- 🗆 X						
- Summary								
Total of Checked Walls: 8								
Walls without Warnings: 2								
Walls with Warnings: 6								
Report								
Wall Type	Resolution	Message						
Generic - 200mm CMU	Select new configuration	Layer has "Frame with Cut Plates&Studs" framing configuration assigned, but it can't be found.Please go to "Link Wall" and assign new configuration near "Framing Configuration" column. Or go to "Settings" $\rightarrow$ "Configuration Files' Location" and check files location.						
Generic - 250mm	Select new configuration	Layer has no framing configuration assigned. Please go to "Link Wall" and assign it near "Framing Configuration" column.						
Generic - 375mm	Skip Frame	Layer (number - 1) has no Material assigned. Please edit wall type and assign material.						
Generic - 200mm	Skip Frame Selected wall type has no possibility to add "Frame". Please go to "Link Wall" and change it near "Framing Layer" column.							
Exterior - Block on Mtl. Stud	Skip Frame Selected wall type has no possibility to add "Frame". Please go to "Link Wall" and change it near "Framing Layer" column.							
Int - 16+198+13	Skip Frame	Layer framing is disabled. Please go to "Link Wall" and check "Frame" column.						
ī		OK Cancel						

## To fix these kinds of problems, you usually need to go to Link Wall and check the situation:



Int - 16+198+13 has framing possibility disabled, so you just need to select the checkbox near the Frame column:

R Link Wall										_		$\times$
Basic Wall : Generic - 300mm		imily:	Basic Wall									
Basic Wall : Generic - 375mm	Ty To	vpe: otal thickness:	Int - 16+198+13 249									
Basic Wall : Generic - 90mm Brick	La	Layers EXTERIOR SIDE										
Basic Wall + Int - 16 + 199 + 13		Function	Material	Thickness	Framing Layer		Framing Configuration	Confi	guration	Frame	Frame F	Part
	1	Finish1	OSB	25 mm	Sheathing	~	None	Fixed	~			
Basic Wall : Interior - 123mm Partition (1-hr)	2	Structure	Softwood, Lumber	198 mm	Frame	Ý	None	Fixed	Ý	<b>X</b>		
Basic Wall : Interior - 135mm Partition (2-hr)		Finish1	Wood Sheathing, Chipboar	25 mm	Sheathing	~	None	Fixed	~			
Basic Wall : Interior - 138mm Partition (1-hr)	~ <											>
									Cancel		ОК	

There is no problem if framing configuration in not assigned to the layer. You can assign it in the **Link Wall** dialog, or **Wall+** will give you this option during the **Frame Wall** process:



Selected a sample framing configuration, which automatically comes with Wall+, and click OK:

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Result:



Read more about Link Wall >> (https://agacad.freshdesk.com/support/solutions/articles/44001543580-link-wall)