FRAMING CONFIGURATION – Opening Framing – Edit Window/Window Join Framing or Window/Door Join Framing

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E10 🔓 Link Wall **V** 🔁 Update Frame ШЮ 🗶 Delete Frame 🙆 Configs 🔹 Split Build Number Frame Add/Modify Create Modify Other Log Wall 🗄 Settings 🔹 Wall Elements Parts Elements Assembly Wall-Validate Walls € ₩10 Number Walls Framing Configuration **.** Frame Wall Add Secondary Frame Add Nailers Add Siding Frame Additional Layers Multi-Framing or: E10 🔓 Link Wall THE WE 🔁 Update Frame <u>un</u> ų 🙆 Configs 🗙 Delete Frame Split Add/Modify Build Frame Number Create Modify Other FER EI Wall Elements Parts Log Wall Elements Assembly Framing Configuration Wall Sheathing Configuration Paneling Configuration Tetails Configuration ĺ Numbering Configuration **EIIFU**

Framing Configuration may be found in two locations:

Window – Window Join Framing and Window – Door Join Framing

Window - Window Join Framing and Window - Door Join Framing configuration settings are used to predefine Left, Right, Middle, and Center Top or Bottom Trimmers and Cripples. Settings are saved under separate configuration name and can be adjusted for different join sizes (From - To).

Drawing Configuration

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^	Window	Framing	Door Fran	ning	Openii	ng Framing	
Common Settings	Wind	Window - Window Join Framing Window - Door Join Framing					
	📄 🗙 🖭 Edit (Configurations					
Wall Framing	- Non-structural W	/alls. Width of Join:	·]	
	From	То	Configuration		Preassembled	Opening Element Preassembled	
Opening Framing	0	200	M_Window-Window	Non-beari 🗡			
	🗋 🗙 🖭 Edit (Configurations					
	- Structural Walls.	Width of Join:					
End Connection	From	То	Configuration		Preassembled	Opening Element Preassembled	
	0	200	M_Window-Window	Bearing Fr 💉			



Example: **From =** 0, **To =** 180. If the distance between openings is smaller than 180, then the openings will be joined and the trimmers or cripples will be modified with **Edit Configuration**.



Examples with complex joins:

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Edit Configuration

In order to edit, create new, rename, or delete opening framing configuration, you have to click **Edit Configurations** for the structural or non-structural walls:

^	Window Fram	ing	Door Fran	ning	Openii	ng Framing
Common Settings	Window - V	Vindow Join Fr	aming	Win	dow - Door Join	Framing
	📄 🗙 🎞 Edit Config	urations				
Wall Framing	-Non-structural Walls. V	Vidth of Join: -				
	From To	Co	onfiguration		Preassembled	Opening Element Preassembled
	0 20	0	M_Window-Window	Non-beari 🗡		
	📄 🗙 🎞 Edit Config	urations				
L Connection	Structural Walls. Width	of Join:]
End Counting	From To	Co	onfiguration		Preassembled	Opening Element Preassembled
	0 20	0	M_Window-Window	Bearing Fr \vee		

Default configurations will come together with the software. Default path to opening configurations is: C:\Users\user name\AppData\Roaming\Tools 4 Revit\Wall+(version) Configurations\Framing Configurations\Metric or Imperial\custom configuration name\WindowWindowJoins

It saves all the settings of trimmers, cripples that are listed down below in the dialog:

R Wall+. Window - W	/indow Join Fr	aming. Non-structural Walls				_		×
Configuration Name:	M_Window-	Window Non-bearing Framing	*	Save	Save As	Rename	Delet	e
Trimmer - Cent Trimmer - Com	er mon	Bottom Cripples Trimmer - Left	Botto Trin	m Cripple Trir nmer - Middle	nmer	Top C Trimmer -	Cripple Right	
Include Opening Si	de Offset	\checkmark						
Preassembled								
Use this Type for all	Trimmers	\checkmark						
Main Type of Trimn	ners	M_WF Stud LMBR 45x120			v			
Width (b)		4.5						
Depth (h,d)		12						
Define Depth (h,d)	by Layer Thicl	kness 🔽						
						Save	Close	

Trimmers

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Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripple
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Include Opening Side Offset			
Preassembled			
Use this Type for all Trimmers	\checkmark		
Main Type of Trimmers	M_WF Stud LMBR 45x120	~	
Width (b)	4.5		
Depth (h,d)	12		
Define Depth (h,d) by Layer Thickr	ness 🖌		

Include Opening Side Offset – controls whether or not the joined opening should have offsets around the opening, which come from single opening settings **Offsets**.

There are common settings for trimmers where you can predefine the type and automatically define the depth by layer thickness. With **Use this Type for all Trimmers** you can automatically change the selected type for all left, right, middle, or center trimmers.

Trimmer - Center	Bottom Cripples	Bottom Cripple Trimmer	Top Cripple
Trimmer - Common	Trimmer - Left	Trimmer - Middle	Trimmer - Right
Include Opening Side Offset	✓		
Preassembled			
Use this Type for all Trimmers	✓		
Main Type of Trimmers	M_WF Stud LMBR 45x120	~	
Width (b)	4.5		
Depth (h,d)	12		
Define Depth (h,d) by Layer Thickness	✓		

Here you can control Left and Right trimmers:

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Т	Trimmer	- Cent	er	_	Bott	om (Cripple	s			B	otton	n Cripple	Trimmer			Top Cripple	
٦	Trimmer	- Com	mon			Trimn	mer - L	eft				Trimi	mer - Mi	ddle		Trim	mer - Right	
Custom Config Prede Select	n Join — guratior efined La t Layout	n	lame: D Database	<i>efault C</i> Configu	onfigura	tion Se	Save t	o Data	abase	Du	plica	te v	Delet	e with Confi	guration			^
New	/ Item	Remo	ve Item	Move	Up	love	Down											
	X-Posit	tion	Count	Trimme	r Type	Ту	ype							Define Depth	Rotate 90°	Flip Facing	Spacing	Pos
1	Standa	rd Y	1 🜲	Bottom	n Plate	~	M_W	/F Stud	I : LME	3R 45)	(120		Ŷ	~			0 mm	Cer
< Symbol	olic Pre	view —																

Left and Right positions from external side:



Here you can control Middle and Center trimmers:

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Trimmer - Common	Trimmer - L	.eft	Trimmer - Middle	e	Trim	mer - Right	
Trimmer - Center	Bottom Cripple	es E	ottom Cripple Tri	mmer		Top Cripple	
Custom Join Configuration Predefined Layout Name: Select Layout from Databa	Default Configuration Save e Configuration: Select Move Up Move Down	to Database Duplic	ote Delete	h Configuratio	n		^
X-Position Coun	Trimmer Type Type		[Define Rota Depth 90°	te Flip Facing	Spacing	Pos
1 Standard Y 1	Bottom Plate Y M_V	VF Stud : LMBR 45x120	¥	✓ □		0 mm	Cer
Symbolic Preview							×

Middle trimmers will be added equidistant from left and right trimmers:



Center trimmers will be added equidistant from left and right openings:



Here you can control Bottom Cripple Trimmer:

21	FRAMI	NG CONFI	GURATION – Opening Framing	g – Edit Window/Wind	ow Join Fra	iming or V	Vindow/Do	oor Join Fram	ing : A
Tri	immer - Comn	non	Trimmer - Left	Trimmer -	Middle		Trimm	ner - Right	
Tri	mmer - Cente	r 📃	Bottom Cripples	om Cripples Bottom Cripple Trimmer					
Conf Conf Pred Sele	m Join — figuration — defined Layout ect Layout from	Name: J	Default Configuration Save	to Database Du	plicate	Delete	rith Conf	iguration	^
Ne	w Item Rem	iove ltem	Move Up Move Down	n					
	X-Position	Count	Туре		Define Depth	Rotate 90°	Flip Facing	Spacing	
1	Left v	1 🔷	M_WF Stud : LMBR 45>	<120 ×	✓			0 mm	
2	Right \	1 🗢	M_WF Stud : LMBR 45»	<120 ×	~			0 mm	
Sym	bolic Preview		Left	Right					

Example: Number of Bottom Trimmer Studs/Joists = 1:

_		

Here you can control **Top Cripples**:

Trimmer - Common	Trimmer - Left	t	Trimmer - Middle	Trimmer - Right
Trimmer - Center	Bottom Cripples		Bottom Cripple Trimmer	Top Cripple
Joined layout of Crippl	e Studs/Joists	✓		
Define Top Cripple Stu	ds/Joists by Spacing	✓		
Spacing Type		Cente	ered	~
Spacing of Top Cripple	Studs/Joists	600		
Number of Top Cripple	e Studs/Joists	2		



Note: **Top/Bottom Cripples** will work in joined windows if **Automatically Align Opening Cripples with Studs** is switched OFF near **Common Settings**. If it is ticked ON, then the cripples will be aligned with the main framing studs.

	^	Elements Mark Definitions	Modify Settings	Configuration Visibility	
Common Settings		Configuration Settings	Mod	dify Configuration Settings	
		Recalculate First/Last Stud Spacing fo	r External Corners		^
Wall Framing		Align with Main Frame			
		Automatically Align Opening Cripples	s with Studs		
Opening Framing		Automatically Align Opening Cripples	s with Nearest Left Stud		
	~	Allow First/Last Spacing to be up to to	vice size of Stud/Joist Spacing		~

Custom Join

Trir	mmer - (Commo	on	Trimmer - Left	Trimmer -	Middle		Trimm	er - Right
Trir	mmer - (Center		Bottom Cripples	Bottom Crip	ople Trimme	er	То	op Cripple
Custor Conf Pred Selec	m Join — figuration lefined Li ct Layour	n ayout N t from [Name: D Database	efault Configuration Sa Configuration: Select	ve to Database Du	plicate	Delete] Link w	ith Confi	iguration
Nev	w ltem	Remo	ve Item	Move Up Move Dov	wn	5.5		511	
	X-Posit	tion	Count	Туре		Define Depth	Rotate 90°	Flip Facing	Spacing
1	Left	~	1 🜲	M_WF Stud : LMBR 4	5x120 ×	✓			0 mm
2	Right	Ý	1 🜲	M_WF Stud : LMBR 4	5x120 ×	✓			0 mm
Syml	bolic Pre	view —		Left	Right				
									·····

Custom Join – is a multi-functional dialog where user can define rules for joins including size, count, position, rotation, spacing, alignment etc. All these rules can be saved and used in other framing configurations or shared with other users. This type of dialog is used frequently in our products, so here you can find <u>Custom Join detailed description >></u> (<u>https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join</u>)