ALIGN/TRIM/EXTEND – Split Elements

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Split Elements



Split Elements – features for splitting studs, plates, bridging/nogging elements by different rules.

Split Top/Bottom Plates Automatically

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Split Top/Bottom Plates Automatically	
Split Top/Bottom Plates Automatically for All Frames	
Split Top/Bottom Plate Manually	
Split Bridging/Nogging	
Delete Splits	
Split Stud	
Delete Stud Split	

Split Top/Bottom Plates Automatically – splits top or bottom plates for selected wall according to predefined settings in **Framing Configuration**.

Split settings come from Configs \rightarrow Framing Configuration \rightarrow Common Settings \rightarrow Modify Configuration Settings tab:

	^ Co	onfiguration Settings	Modify Configuration Settings	Elements Mark Definitions	Modify Settings		
		Minimal Bridging/	Stud/loist Length	100			^
Wall Framing		Split the Siding Stri	ip if Width is less than	80			
		Minimal Siding Su	pport Width for the Last Row	12.7			
		Minimal Length of	Split Plate	1000)		
Opening Framing		Maximal Length of	f Split Plate	6000			
		Maximal Length of	f Cover Plate/Joist	6000)		
L Connection	. I	Offset Distance of	Split	300]	~

Minimal/Maximal Length of Split Plate – predefines min/max length for splitting top/bottom plates.

Also, pay attention to Offset Distance of Split setting in Configs \rightarrow Framing Configuration \rightarrow Common Settings \rightarrow Modify Configuration Settings tab:

^ ^	Configuration Settings Modify Configuration Settings Elements Mark I	Definitions Modify Settings
	Minimal Bridging/Stud/Joist Length	100
Wall Framing	Split the Siding Strip if Width is less than	80
	Minimal Siding Support Width for the Last Row	12.7
	Minimal Length of Split Plate	1000
Opening Framing	Maximal Length of Split Plate	6000
	Maximal Length of Cover Plate/Joist	6000
L Connection	Offset Distance of Split	300
×		

Offset Distance of Split - defines splitting distance for selected top/bottom plate from selected stud.

Example: Top/bottom plate is split with distance "300":

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	300	
_		

Split Top/Bottom Plates Automatically for All Frames

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Delete Splits	
Split Stud	
Delete Stud Split	

Split Top/Bottom Plates Automatically for All Frames – splits top or bottom plates for all walls in the current project according to predefined settings in **Framing Configuration**.

Split Top/Bottom Plate Manually

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Split Top/Bottom Plates Automatically	
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Split Top/Bottom Plate Manually	
Split Bridging/Nogging	
Delete Splits	
Split Stud	
Delete Stud Split	

Split Top/Bottom Plates Manually - splits selected top or bottom plate by selected stud.

- 1. Select a stud which will split top/bottom plate;
- 2. Select a top or bottom plate which will be split.



Result:



Also, pay attention to Offset Distance of Split parameter in Framing Configuration \rightarrow Common Settings \rightarrow Modify Configuration Settings tab:

^	Configuration Settings Modify Configuration Settings Elements Mark	Definitions Modify Settings
	Minimal Bridging/Stud/Joist Length	100
Wall Framing	Split the Siding Strip if Width is less than	80
	Minimal Siding Support Width for the Last Row	12.7
	Minimal Length of Split Plate	1000
Opening Framing	Maximal Length of Split Plate	6000
	Maximal Length of Cover Plate/Joist	6000
L Connection	Offset Distance of Split	300
×		

Offset Distance of Split – defines splitting distance for selected top/bottom plate from selected stud.

Example: Top/bottom plate is split with distance "300":

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Split Bridging/Nogging

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Split Bridging/Nogging – splits selected bridging/nogging by selected stud.



Delete Splits

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Split Top/Bottom Plate Manually	
Split Bridging/Nogging	
Delete Splits	
Split Stud	
Delete Stud Split	

Delete Splits - resets selected wall plates to original length before splitting.

Example: Top plates were split ...



...after using **Delete Splits**, the top plates are whole again:



Split Stud

🖽 Wall+M. Split Elements	×
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Split Top/Bottom Plates Automatically for All Frames	
Split Top/Bottom Plate Manually	
Split Bridging/Nogging	
Delete Splits	
Split Stud	
Delete Stud Split	

Split Stud – splits selected studs by predefined settings.

You can select one stud or multiple.

For stud splitting you will see a dialog with settings where you can predefine the offset, spacing, number of splits, minimal length of last element, etc.

限 Wall+M. Split Stud		_		\times
Split Stud				
Split Stud	From Start			~
Offset	600			
Offset from Selected Element	0			
Select Line Based Element	Select Line Based Eler	ment		
Spacing	600			
Number	1			\$
Mimimal Length of Last Element	0			
	OK		Clo	ose



Delete Stud Split

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Split Top/Bottom Plates Automatically	
Split Top/Bottom Plates Automatically for All Frames	
Split Top/Bottom Plate Manually	
Split Bridging/Nogging	
Delete Splits	
Split Stud	
Delete Stud Split	

Delete Stud Split - resets selected studs to original length before splitting.

Select the studs that were split, after clicking **Delete Stud Split**, the studs are restored to original length:



