Additional Edge Rebar

Modified on: Mon, 26 Oct, 2020 at 2:23 PM

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63 G	ommon settings	E	idge l	Rebar D)iagonal Rebar	U/O	-Stirrups Add	ditional Edge R	leba	·									
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				Count	Rebar bar type	/	Bar shape	Wall Edge		Min search distance	Max search distance	Anchorage length	L-Shape Leg Length	Position	Edge Cover	Interior Cover	Exterior Cover	End Cover	
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			2	2	N16	Ŷ	UShape v	Тор	~	0 mm	901 mm		600 mm	External and Internal	35 mm	47 mm	47 mm	35 mm	
l In	ternal reinforcement		3	2 ^	N16	Ŷ	Straight v	Left	~	0 mm	901 mm	600 mm		External and Internal	51 mm	47 mm	47 mm	100 mm	
			4	²	N16	~	Straight v	Right	~	0 mm	901 mm	600 mm			51 mm	47 mm	47 mm	100 mm	
			5	2	N16	Ŷ	LShape v	Тор	~	0 mm	1200 mm	600 mm	600 mm		35 mm	47 mm	47 mm	35 mm	
ا ۱	pening reinforcement		6	2 ÷	N16	Ŷ	Straight v	Тор	~			600 mm			35 mm	47 mm	47 mm	35 mm	
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Additional Edge Rebar options are available in an additional tab – Additional Edge Rebar' – in 'Perimeter reinforcement'.

You can place straight, L, and U shaped bars at selected vertical and horizontal edges of the wall.

dge	Rebar D)iagonal Rebar U	/0-S	Stirrups Add	ditional Edge Reba	r								
Ne	w Item	Remove Item	Nove	e Up Move	e Down									
	Count	Rebar bar type:		Bar shape	Wall Edge	Min search distance	Max search distance	Anchorage length	L-Shape Leg Length	Position	Edge Cover	Interior Cover	Exterior Cover	End Cover
1	2 ^	N16	×	UShape v	Top & Botto 🗸	0 mm	901 mm		600 mm	External and Internal	35 mm	47 mm	47 mm	35 mm
2	2 ^	N16	~	Straight v	Left & Right 🗸	0 mm	901 mm	600 mm		External and Internal	51 mm	47 mm	47 mm	100 m
3	2 ^	N16	~	LShape v	Тор ч	0 mm	1200 mm	600 mm	600 mm	External and Internal	35 mm	47 mm	47 mm	35 mn
4	2 ^	N16	v	Straight v	Top & Botto 🗸	50 mm	800 mm	600 mm		External and Internal	35 mm	47 mm	47 mm	35 mn

New Item - adds a line of settings, wherein you can define what kind of bar should be created and define other necessary settings

Remove, Move Up, Move Down - changes order of added lines or removes selected lines

Count - number of bars that should be created through the thickness of a wall layer. Count can be 1 or 2 bars per line. **Rebar bar type** - type of rebar that should be used

Wall Edge - select on which edge of the wall rebar should be created

Min/Max search distance - defines range where bars will be created from selected wall edge

Example 1

Min distance does not allow you to create bars at top and bottom of a given wall. Max distance limits placement of bars at deeper cuts. Additional Edge Rebar : AGACAD

	Count	Rebar bar type:	Bar shape	Wall Edge	Min search distance	Max search distance	Anchorage length
1	2 🔶	N16 ~	Straight 🗸	Top & Botto 🗸	50 mm	800 mm	600 mm



Example 2

All edges are within search distance limits, so bars are created at all edges.

[New	/ Item	Remove Item Mov	ve Up Move	Down				
		Count	Rebar bar type:	Bar shape	Wall Edge	Min search distance	Max search distance	Anchorage length	1
	1	2 🔨	N16 v	Straight v	Top & Botto 🗸	0 mm	1500 mm	600 mm	



Anchorage distance - extension of straight and L shape bars from perpendicular edge, if there is such



L-Shape leg length - leg length for U- and L-shaped bars



Position -

If Count = 1, bars can be placed from center or external/internal side of the wall. If Count = 2, bars can be placed from external/internal sides of the wall.

Edge cover - distance from edge

Interior/Exterior Cover - distance from side faces of the wall

End cover -

For straight bars, this is the distance from the end of the bar to the perpendicular edges. For L- and U-shaped bars, it's a cover for legs from perpendicular edges.