



Plate and Shell Reinforcement

Bending Reinforcement maps

Results for a rectangle mesh

Required reinforcement A_t
 Provided reinforcement A_r
 $A_s = A_r - A_t$

FE results

For required reinforcement
 For provided reinforcement after verification

Color	ϕ_1	ϕ_2	S (m)	Amax (mm ²)	Amin (mm ²)	View
Dark Red	C12		0.03	---	>3770	<input checked="" type="checkbox"/>
Red	C12		0.03	3770	>1885	<input checked="" type="checkbox"/>
Light Red	C12		0.06	1885	>942	<input checked="" type="checkbox"/>
Orange	C12		0.12	942	>471	<input checked="" type="checkbox"/>
Light Orange	C12		0.24	471	>0	<input checked="" type="checkbox"/>
Blue	---	---	---	0	---	<input checked="" type="checkbox"/>

Display

Mesh
 Maps
 Values
 Description
 Reinforcement direction
 Zone description
 Scale
 Panel numbers

Grid parameters

Grid step
 Dx = 1.00 (m)
 Dy = 1.00 (m)

Grid type
 Regular
 Considering characteristic points of slab geometry

Generation

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