



### Plate and Shell Reinforcement

List of panels:

Calculations for panel no.:

Calculated panels:

Limit states:  
 ULS 3  
 SLS 4  
 ACC

Method:

Globally averaged design forces  
 Reduction of forces (at supports or above columns and walls)

Deflection verification  
 Method:  
 Equivalent stiffness (Elastic)  
 With stiffness update (FEM)

Displacement (+) Auto  
 Displacement (-) Auto

Buttons: Calculate, Close, Help

### Reinforcements

Reinforcement SLS Scale

Required reinforcement:

	X [-]	Y [-]	X [+]	Y [+]
Area A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spacing e	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of bars n	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Minimum reinforcement:

Area A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spacing e	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of bars n	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cross presentation:  
 (+) top  (-) bottom description starts with:  
 reinforcement areas   
 reinforcement spacing

smoothing within a panel

<input type="radio"/> Isolines	<input checked="" type="checkbox"/> With normalization
<input checked="" type="radio"/> Maps	<input type="checkbox"/> With FE mesh
<input type="radio"/> Values	<input checked="" type="checkbox"/> With description
<input type="checkbox"/> Open new window with scale displayed	

Buttons: Apply, Close, Help

Description positions

