

Material thickness of Cassette

Material and cassette dimensions:

Material Cu-DHP:

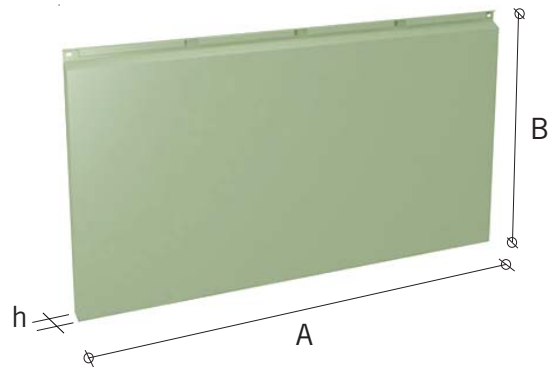
Length (mm): A=

Width (mm): B=

Height of edge (mm): h=

Thickness (nominal) (mm): t=

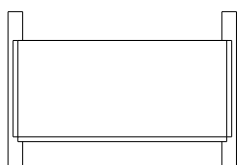
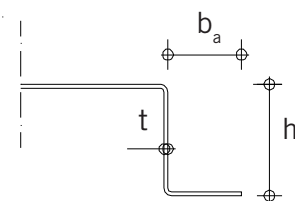
Width of edge (mm): b_a =



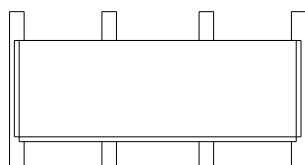
Supports:

Width of support (mm): s_s =

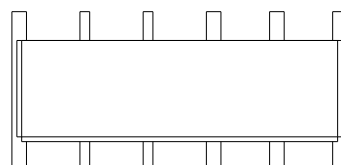
Support spacing (mm): c/c=



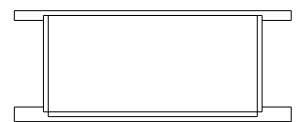
A/1 ○



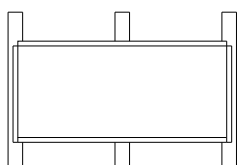
A/3 ○



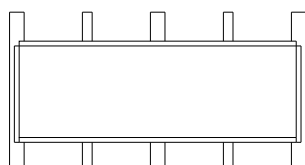
A/5 ○



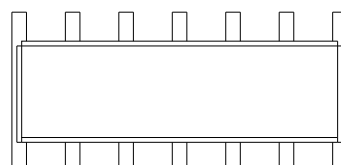
B/1 ○



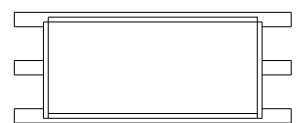
A/2 ○



A/4 ○



A/6 ○



B/2 ○

Loads:

Wind (pressure/suction) (kN/m²): $q_k^* =$

wind action

Partial factors:

*Actions

Serviceability limit state: $\gamma =$

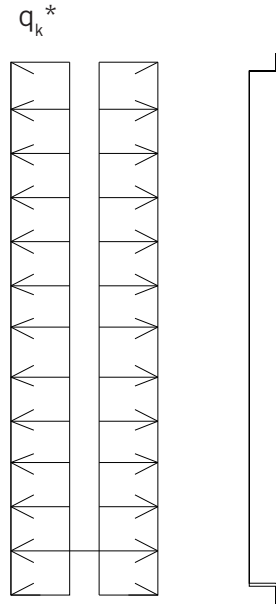
Ultimate limit state: $\gamma =$

*Material

$\gamma =$

Limit of deflection: $L /$

*Note:characteristic value



Calculate

Results:

Plate of cassette:	Stress	Resistance	Utility ratio	
Deflection	<input type="text"/> mm	<input type="text"/> mm	<input type="text"/> %	<input type="text"/>
Bending moment	<input type="text"/> kNm	<input type="text"/> kNm	<input type="text"/> %	<input type="text"/>
Edge of cassette	Stress	Resistance	Utility ratio	
Shear force	<input type="text"/> kN	<input type="text"/> kN	<input type="text"/> %	<input type="text"/>
Support reaction	<input type="text"/> kN	<input type="text"/> kN	<input type="text"/> %	<input type="text"/>
Bending moment, field	<input type="text"/> kNm	<input type="text"/> kNm	<input type="text"/> %	<input type="text"/>
Bending moment, support	<input type="text"/> kNm	<input type="text"/> kNm	<input type="text"/> %	<input type="text"/>
Combined bending moment and support reaction	<input type="text"/>	<input type="text"/>	<input type="text"/> %	<input type="text"/>