

# Snow- and wind load calculation

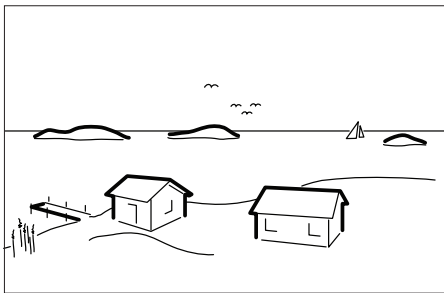
Eurokod SS-EN 1991-1-4 (Wind load)  
Eurokod SS-EN 1991-1-3 (Snow load)

Customer: \_\_\_\_\_  
Ref: \_\_\_\_\_  
Tel: \_\_\_\_\_  
Email: \_\_\_\_\_

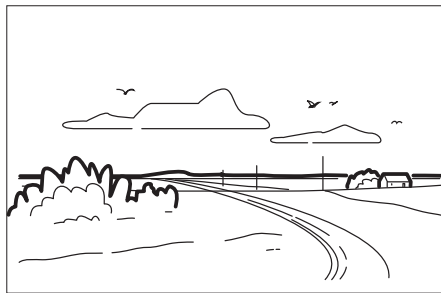
Date: \_\_\_\_\_  
Object: \_\_\_\_\_  
Adress \_\_\_\_\_  
Town: \_\_\_\_\_

## 1 Terrain

Please cross you actual terrain 0-IV



**Terrain Type 0**  
*Sea or coastal area exposed to open sea.*



**Terrain Type I**  
*Sea or flat and horizontal area with-negligible vegetation and without obstacles.*



**Terrain Type II**  
*Area with low vegetation like grass and single obstacles (trees, buildings) with the minimum distance equal to 20 times the height of the obstacle.*



**Terrain Type III**  
*Area covered with vegetation or buildings or with some obstacles with largest mutual distance equal to 20 times the height of obstacles (eg villages, suburbs, woodland).*



**Terrain Type IV**  
*Area where at least 15% of the area is built and the mean height of the buildings is > 15 m.*

## 2 Substrate to flat sheet

Please cross your actual substrate and fill in the requested details

<b>Wood material</b>	<b>Profiled sheeting</b>	<b>Concrete</b>
Material:	Producer/label:	Element label:
Dimension:	Quality:	Thickness:
Quality:	Thickness:	Quality:
	Distance profile tops:	
<b>Cast concrete</b>	<b>Light weight concrete</b>	<b>Insulation (warm roof)</b>
Thickness:	Thickness:	Type of insulation:
Quality:	Quality:	Thickness:
		Quality first layer:

## 3 Roofing with flat sheets

Material and demands according to AMA Hus 14.

Please cross your type of roofing and fill in the requested details

<b>Steel sheet</b>	<b>Aluminium sheet</b>	<b>Titanium zink steel sheet</b>
C-dim seam:	C-dim seam:	C-dim seam:
Quality:	Quality:	Quality:
<b>Stainless steel</b>	<b>Copper sheet</b>	
C-dim seam:	C-dim seam:	
Quality:	Quality:	

## 4 Clips

Please cross your choice of clip material

<b>Galvanised clip</b>	<b>Stainless clip</b>
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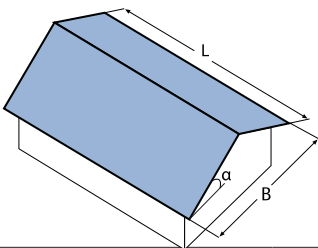
## 5 Evaluation of internal wind load

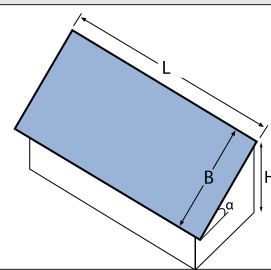
Please cross your alternative

<b>Airtight roof construction</b>	<b>Not airtight roof construction</b>
	Buildings with normal sizes of openings for example doors, windows, valves and other implementations
	Buildings with dominant openings
	Buildings with one, two or three sides wide opened

## 6 Roof type

Please cross your actual roof type and fill in the requested details

Roof type 1 - Pitched roof	
	
L =	
B =	
H	Wall = <input type="text"/> Ridge = <input type="text"/>
$\alpha$ =	

Roof type 2 - Lean-to roof	
	
L =	
B =	
H =	
$\alpha$ =	

## 7 Reported separately

- Buildings on the roof surface
- Connections to higher buildings
- Interconnected houses
- Soffit
- Raised sars
- Specially designed eaves

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