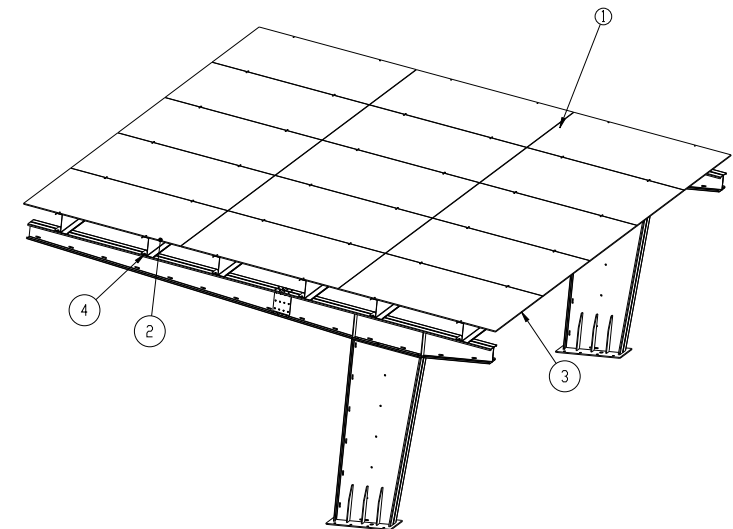
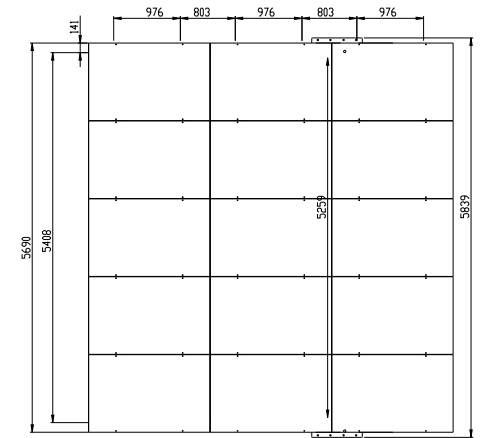
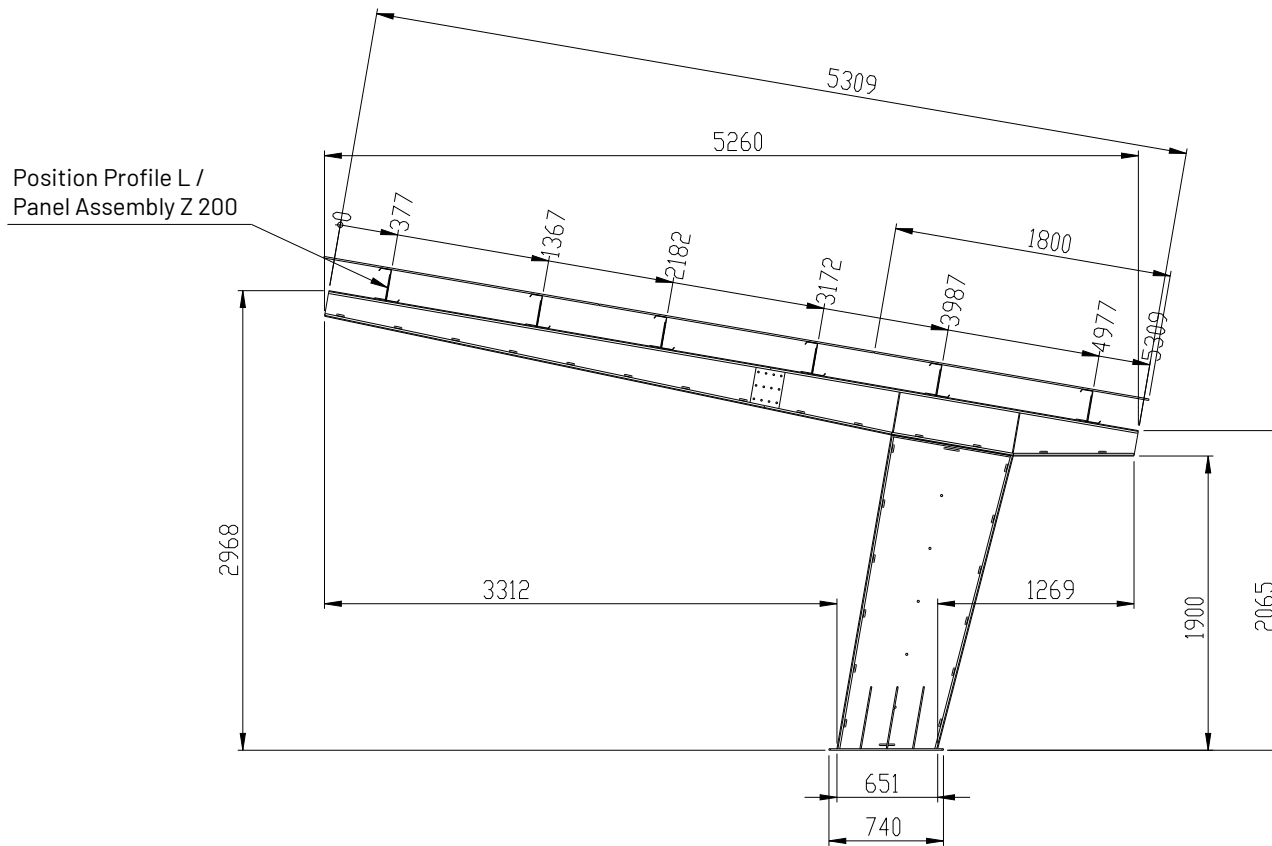


Datasheet: Carport 01

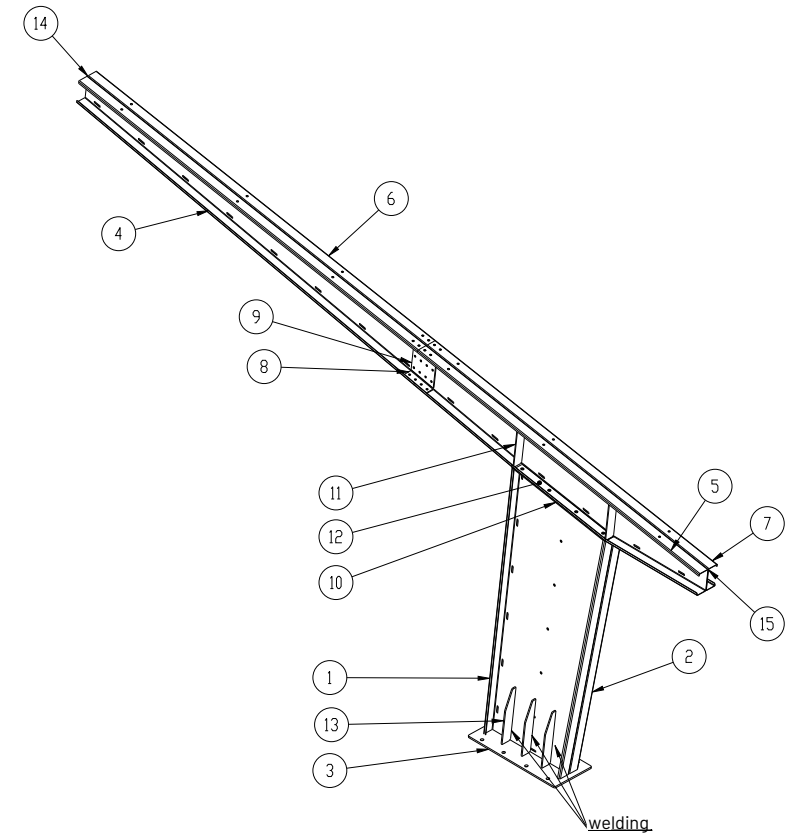
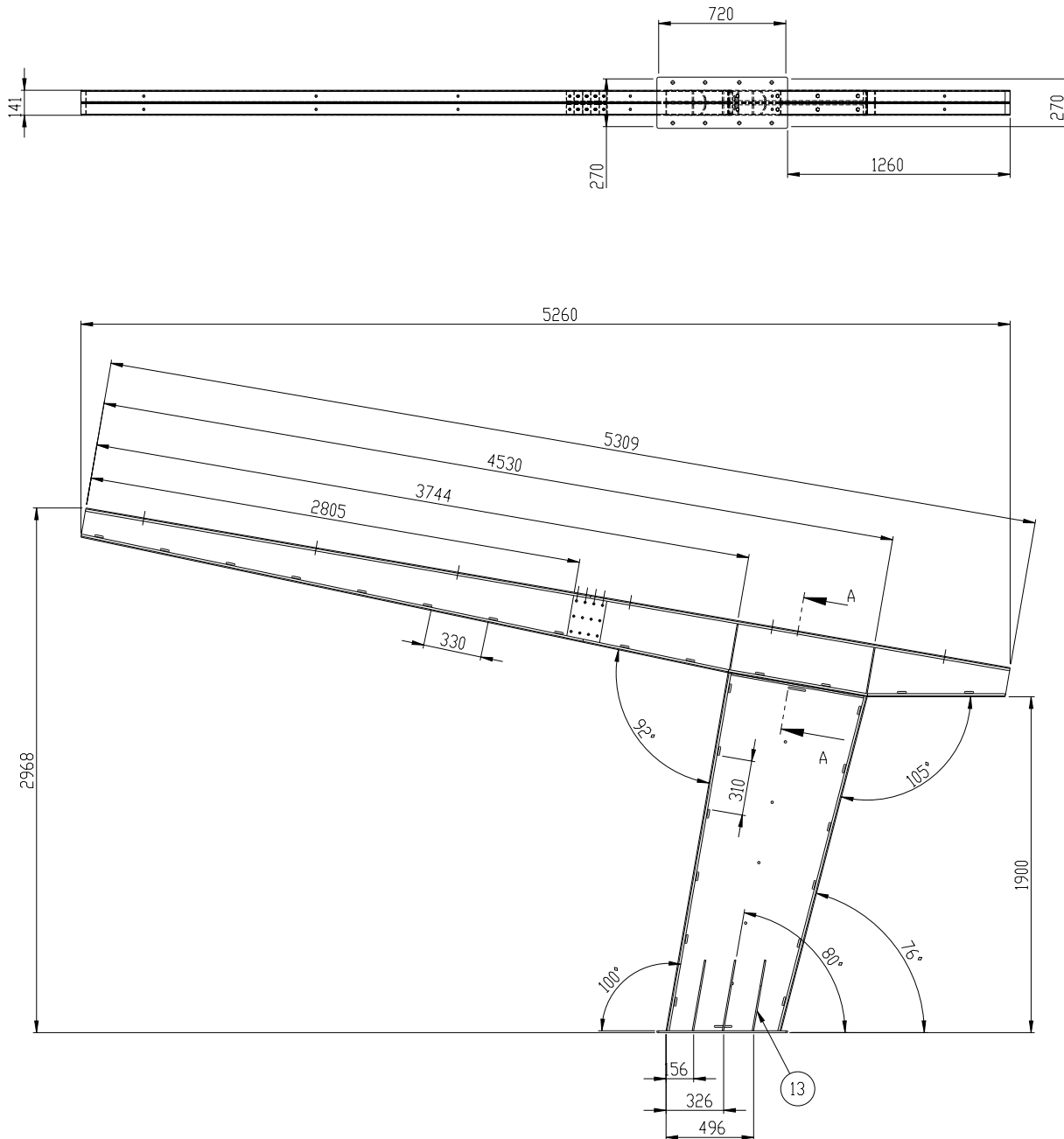
Assembly: Carport 01 - Double



Item no.	Part Number	Description	Qty.
1	Carport foot V3		2
2	Profile Z200	L= 5690 mm	6
3	Sablon solar panel	1134 x 1800	15
4	Profile L 170	for Z200	12

Datasheet: Carport 01

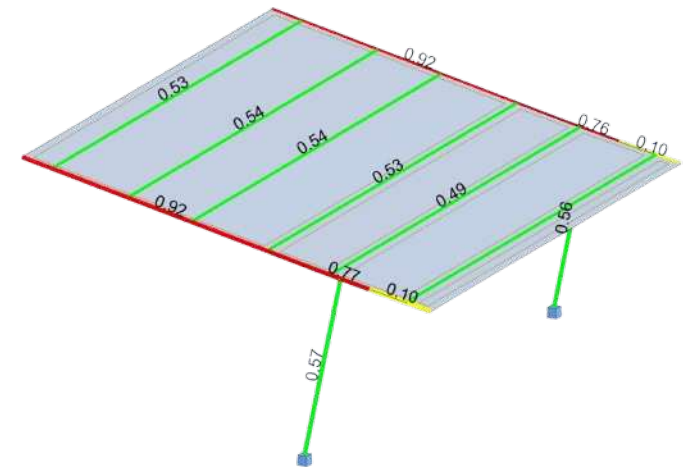
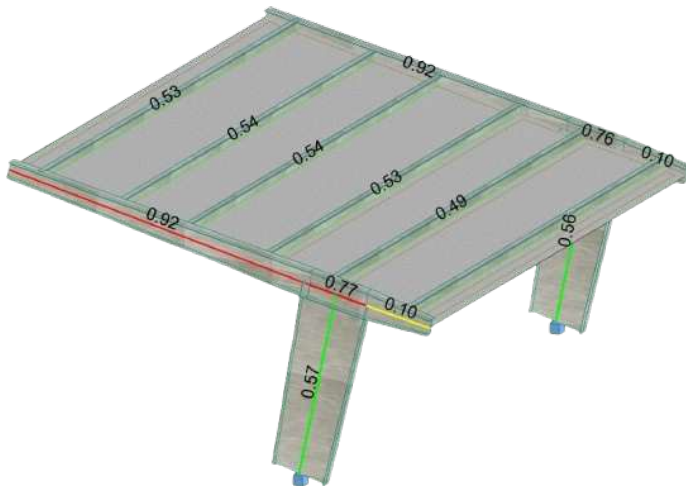
Assembly: Foot Carport 01



Item No.	Qty.	Material
1	1	Tg 3 mm galvanized
2	1	Tg 3 mm galvanized
3	1	Tg 10 mm galvanized
4	1	Tg 5 mm galvanized
5	1	Tg 5 mm galvanized
6	1	Tg 5 mm galvanized
7	1	Tg 5 mm galvanized
8	4	Tg 6 mm galvanized
9	2	Tg 6 mm galvanized
10	2	Tg 10 mm galvanized
11	4	Tg 6 mm galvanized
12	2	Tg 6 mm galvanized
13	6	Tg 8 mm galvanized
14	1	Tg 3 mm galvanized
15	1	Tg 3 mm galvanized

Utilization rate of component parts

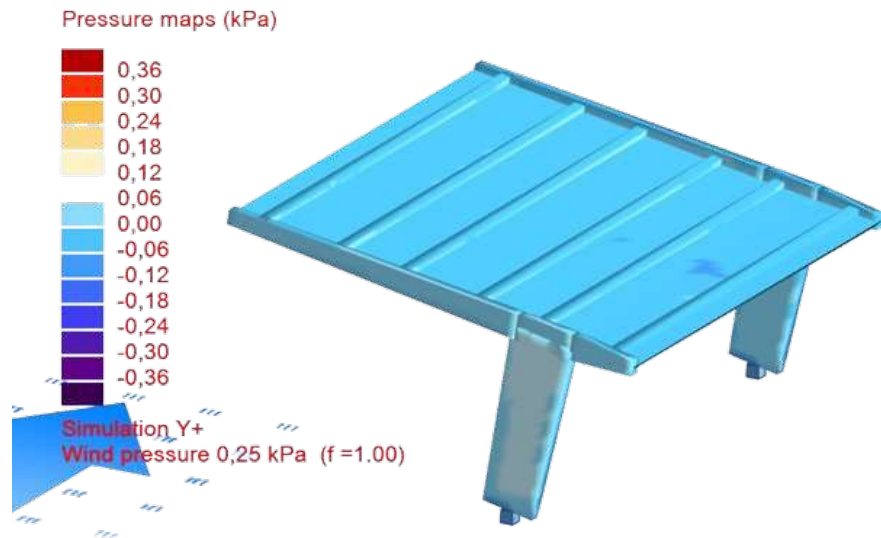
Section	Material	Lay	Laz	Ratio	Case	Ratio (uy)	Case (uy)	Ratio (uz)	Case (uz)	Ratio (vx)	Case (vx)	Ratio (vy)	Case (vy)
I-BISYM_V_16	S275	8.72	32.16	0.10	11 SLU /9/	0.06	14 SLEN /24/	0.16	14 SLEN /6/	-	-	-	-
I-BISYM_V_14	S275	9.18	133.17	0.56	11 SLU /23/	-	-	-	-	0.09	14 SLEN /5/	0.27	14 SLEN /13/
I-BISYM_V_16	S275	8.72	32.16	0.10	11 SLU /42/	0.06	14 SLEN /22/	0.16	14 SLEN /5/	-	-	-	-
I-BISYM_V_14	S275	9.18	133.17	0.57	11 SLU /4/	-	-	-	-	0.09	14 SLEN /6/	0.27	14 SLEN /2/
Z 200x3	S275	71.34	187.13	0.53	11 SLU /5/	-	-	-	-	-	-	-	-
Z 200x3	S275	71.34	187.13	0.54	11 SLU /5/	-	-	-	-	-	-	-	-
Z 200x3	S275	71.34	187.13	0.54	11 SLU /6/	-	-	-	-	-	-	-	-
Z 200x3	S275	71.34	187.13	0.53	11 SLU /10/	-	-	-	-	-	-	-	-
Z 200x3	S275	71.34	187.13	0.49	11 SLU /5/	-	-	-	-	-	-	-	-
Z 200x3	S275	71.34	187.13	0.48	11 SLU /9/	-	-	-	-	-	-	-	-
I-BISYM_V_17	S275	42.34	164.39	0.92	11 SLU /6/	0.07	14 SLEN /22/	0.84	14 SLEN /5/	-	-	-	-
I-BISYM_V_17	S275	42.34	164.39	0.92	11 SLU /5/	0.07	14 SLEN /24/	0.84	14 SLEN /6/	-	-	-	-
I-BISYM_9	S275	6.36	30.79	0.76	11 SLU /6/	0.00	14 SLEN /22/	0.03	14 SLEN /10/	-	-	-	-
I-BISYM_9	S275	6.36	30.79	0.77	11 SLU /5/	0.00	14 SLEN /24/	0.03	14 SLEN /10/	-	-	-	-



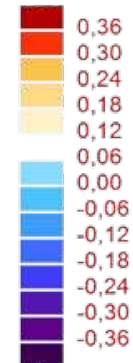
In Case 11 Component 15 / 17 is the most requested. The request being 92%

Y+ axis simulation

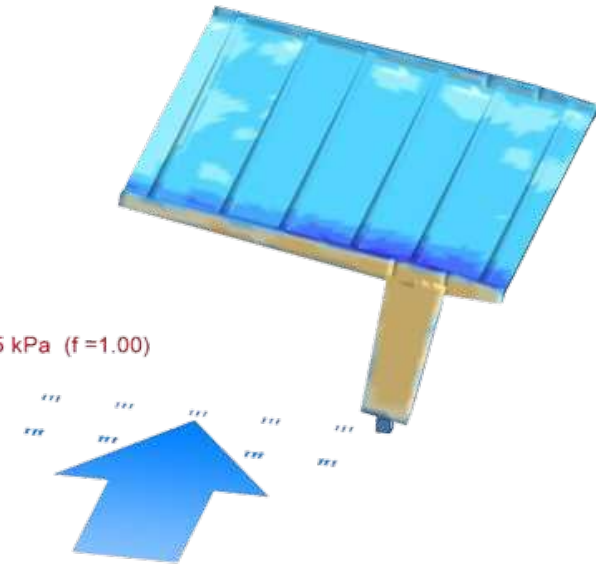
- Pressure is applied on surfaces
- Max. bearable value: 0.5 kPa
- Displacement with respect to basic position :



Pressure maps (kPa)



Simulation Y+
Wind pressure 0,25 kPa (f=1.00)



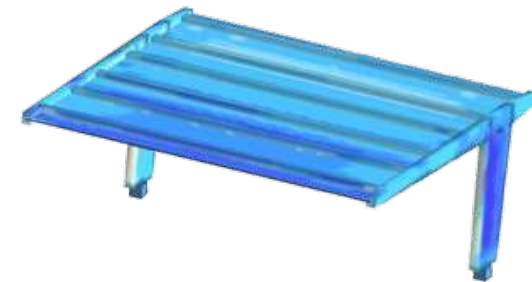
X+ axis simulation

- Pressure is applied on surfaces
- Max. bearable value: 0.5 kPa
- Displacement with respect to basic position:

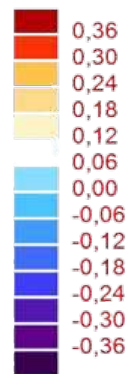
Pressure maps (kPa)



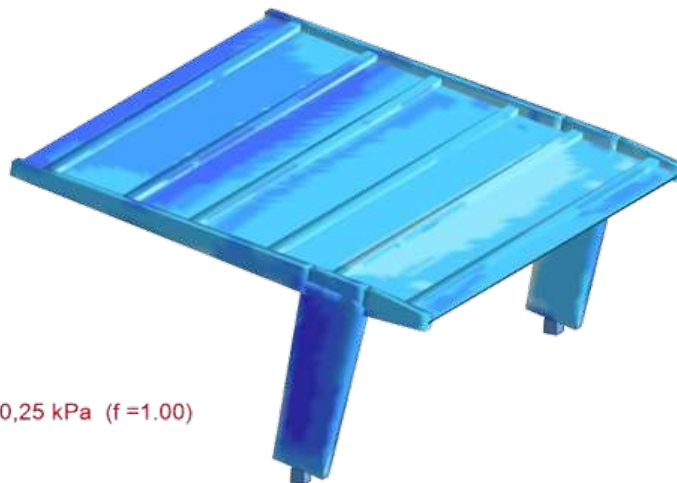
Simulation X+
Wind pressure 0,25 kPa (f=1.00)



Pressure maps (kPa)



Simulation X+
Wind pressure 0,25 kPa (f=1.00)



Product Name

Cartport 01 - 2 places

Dimensions:

- Maximum height with heels - 5839 mm
- Height between heels - 5259 mm
- Maximum height - 2968 mm
- Height - 1900 mm
- Total length - 5260 mm

Weight

- Approx. total weight - 800 kg

Weight Supported

- Maximum weight supported - 128 kg

Supported Wind Pressure

- Maximum supported pressure - 50 kg/m²

Anticorrosive treatments:

- Thermal galvanizing;
- Electrostatic field painting.

Structural Checks

- The metal structure of this Carport has been verified and approved in accordance with the safety and structural durability in force, by the Technical Exper certified for metallic structures.
- The project respects the highest standards quality ensuring long-term stability and resistance ong-term stability.
- The structural dimensioning / Verification was realized in accordance with:
 - SR EN 1993-1-4:2007/A2:2021
 - CR 1-1-4-4/2012
 - CR 1-1-3/2012

