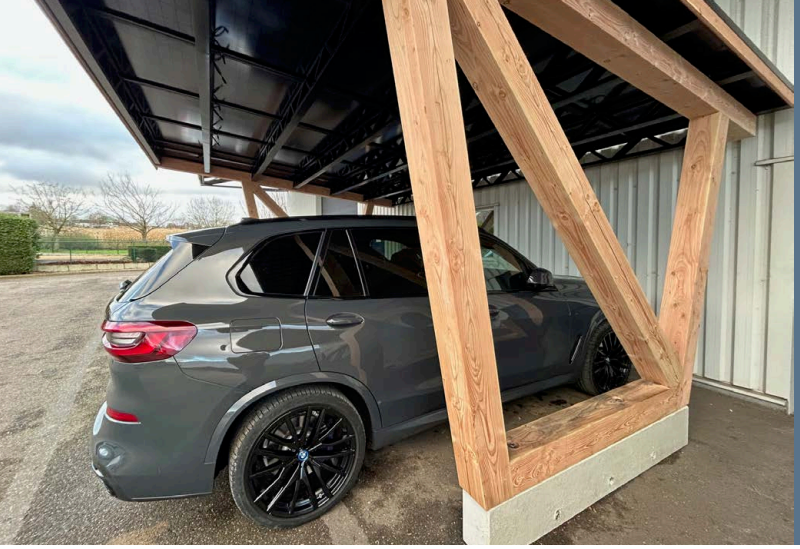
METABUILD
SOLAR SYSTEMS

Metabuild Solar Carport









The MB Solar Carport provides shelter for vehicles, but it also converts sunlight into green energy thanks to integrated solar panels.
The carport is composed of a wooden structure (Douglas fir) with black steel roof beams.
The MB Solar Carport is available for 1, 2 or three vehicles. A modular installation is possible.

1

Flexible formats for every need

Available for 1, 2 or 3 vehicles, allowing you to serve customers with different space and energy requirements.

2

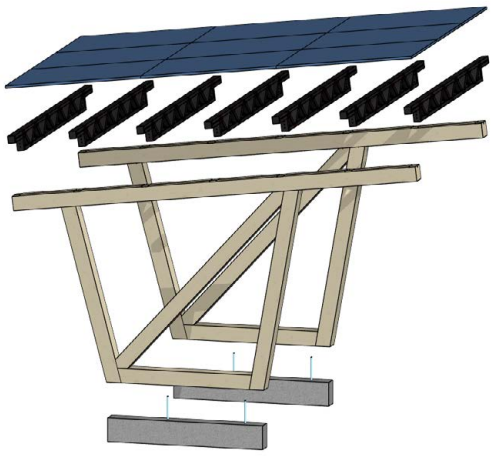
Modular and quick installation

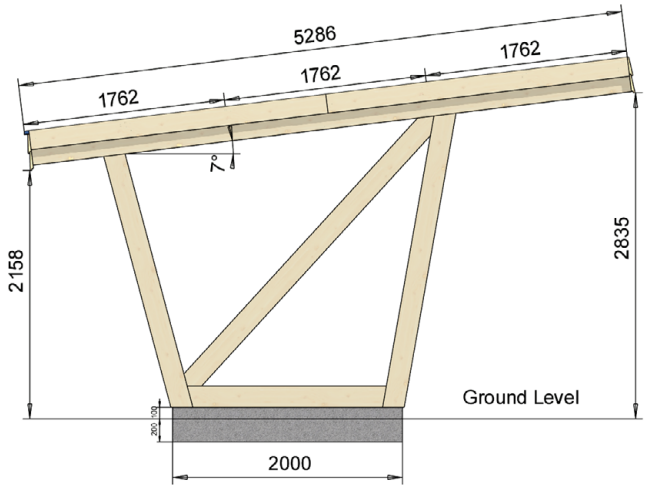
A modular design makes the MB Solar Carport easy and quick to install,
reducing both installation time and costs. This allows you to execute projects more efficiently and implement expansions if the client wants this at a later date.

3

Growth opportunities in green energy

Solar carports are on the rise due to the demand for sustainable solutions. By offering MB Solar Carports, you stay ahead in the market and respond to the increasing demand for solar solutions.





Technical data

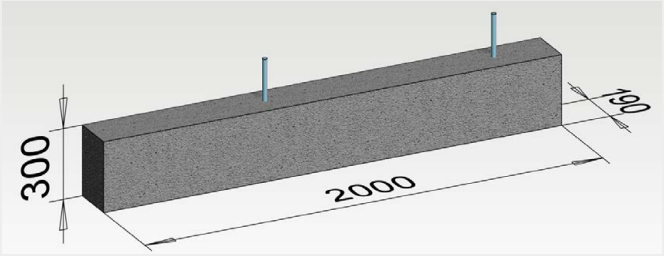
- Douglas fir, soaked in colourless finish - planed - 185/185 mm
- Span possible up to 8.5 m max.
- Modular installation possible

MODEL	# parking spaces	span (m)	width pp (m)	# solar panels (1762x1134 mm)	output WP	weight full installation (kg)
MB-SOLAR CARPORT 1	1	2,84	2,84	9	3960	1270
MB-SOLAR CARPORT 2	2	6,21	3,10	18	7920	1620
MB-SOLAR CARPORT 3	3	8,53	2,84	24	10560	1870

MB Solar Carport assembly

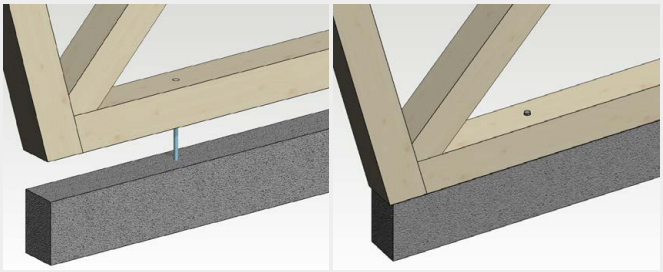
STEP 1

- Pre-cast foundation C55/67 190x300x2000 with screw sleeve 2Xm20 - weight: 274kg/pc
- Placement 20 cm below ground level on firm ground
- Coat with quick setting concrete if required



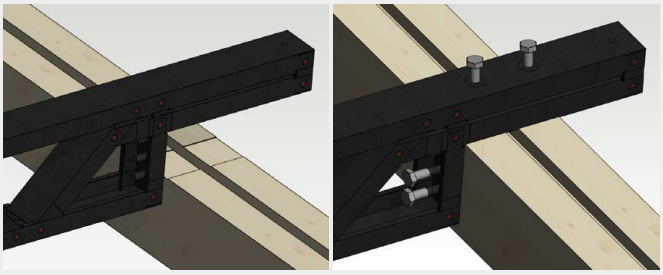
STEP 2

- Fixing threaded rod M20 in threaded sleeve
- Prefabricated wooden structure mounted on foundation and anchored using threaded rods



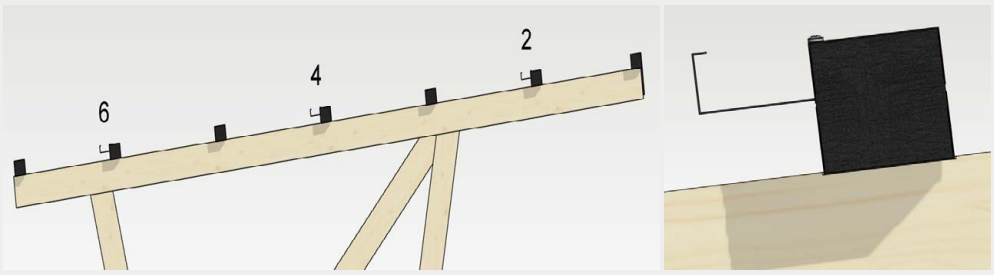
STEP 3

- Installing prefabricated roof structures in the recesses provided for this purpose
- Screw the roof structure to the wooden beam using M10x40 wood screws



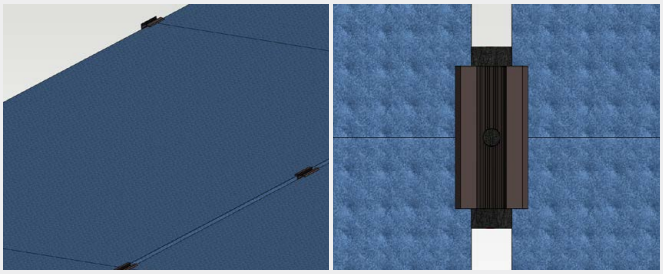
STEP 4

- Installation of cable tray against the roof structure on roof beams 2, 4 and 6 using self-tapping screws



STEP 5

- Place the solar modules directly on the roof structure between the fastening points
- Fasten with the supplied clamps and bolts M8 35mm



STEP 6

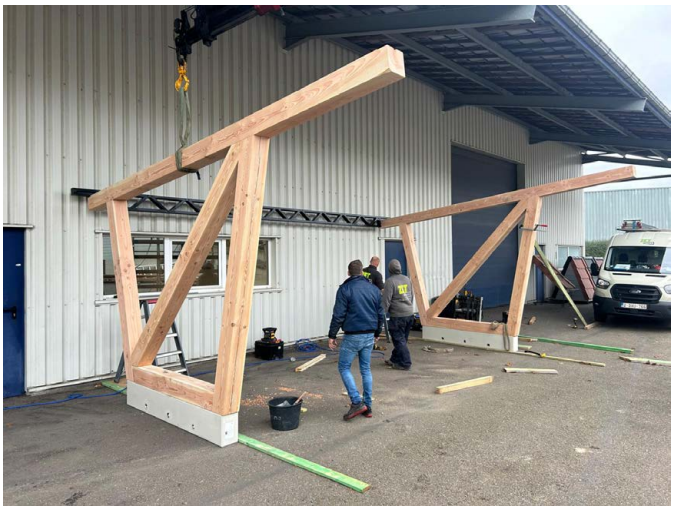
- Position the edging plank against the roof structure with self-tapping screws and using the metal structure















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