

Request for quote Order Date _____

AEROCOMPACT®

Customer _____

Contact person _____

No., Street _____

City, ZIP code, Country _____

Phone, E-Mail _____

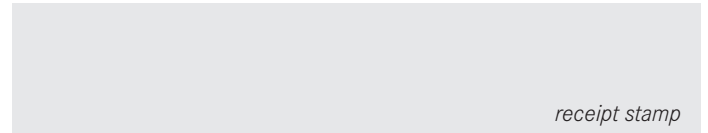
Project _____

No., Street _____

City, ZIP code _____

Country _____

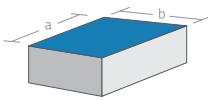
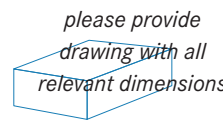
Checklist for the design of flat roof racking systems (worldwide)



receipt stamp

Requested delivery date _____

- Pick up
- Delivery to customer
- Delivery to project address

Roof shape and dimensions			
<input type="radio"/> rectangular	<input type="radio"/> other	Roof height: _____ mm	
	Dimension: a = _____ mm b = _____ mm	Roof inclination: _____ °	
		Parapet height: _____ mm	
		Parapet width: _____ mm	

Mounting System Typ			
<input type="radio"/> Aerocompact S 5 (mono-pitch, 5°)	<input type="radio"/> Aerocompact S 10 (mono-pitch, 10°)	<input type="radio"/> Aerocompact S 15 (mono-pitch, 15°)	<input type="radio"/> Aerocompact + (double-pitch, 10°)
<input type="radio"/> 177 mm row spacing	<input type="radio"/> 380 mm row spacing	<input type="radio"/> 571 mm row spacing	<input type="radio"/> 114+183 mm row spacing
<input type="radio"/> 335 mm row spacing	<input type="radio"/> 527 mm row spacing	<input type="radio"/> 790 mm row spacing	<input type="radio"/> 114+350 mm row spacing

Roofing type and sub-structure			
<input type="radio"/> Membrane only	<input type="radio"/> Bitumen roof	<input type="radio"/> Gravel roof	<input type="radio"/> Insulation (under membrane)
<input type="radio"/> PVC	<input type="radio"/> Concrete roof	<input type="radio"/> gravel layer < 10 cm	type: _____
<input type="radio"/> TPO/FPO	<input type="radio"/> _____	<input type="radio"/> gravel layer ≥ 10 cm	thickness: _____ mm
<input type="radio"/> _____		Bulk density: _____	compr. strength _____ kg/cm ²

Ballast block specification			
Length: _____ mm	Width: _____ mm	Height: _____ m	Weight: _____ kg

Module layout <i>Please indicate interference areas separately! (drawing, coordinates, roof plan)</i>		
<input type="radio"/> Full layout	<input type="radio"/> Targeted power: _____ kWp	Preferred array size: _____ kWp

Further Design Options		
<input type="radio"/> only ballast (no roof anchor)	<input type="radio"/> only roof anchor (no ballast)	<input type="radio"/> optimized selection / mixture

PV Module Specifications		
Manufacturer: _____	Module type: _____	Wattage: _____ Wp
Length x width: _____ mm	Frame height: _____ mm	Weight: _____ kg

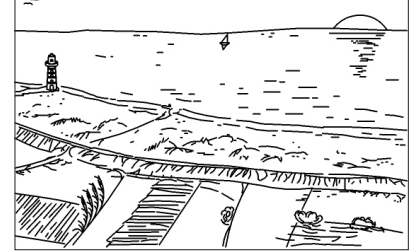
Project site		
Location	Terrain Category	Topography <input type="radio"/> exposed location
geographical latitude: _____	<input type="radio"/> 0 coastal area, open to the sea	<input type="radio"/> I open land, hardly any obstacles
geographical longitude: _____	<input type="radio"/> II cultivated land, few obstacles	<input type="radio"/> III suburb, commercial area, forest
elevation asl: _____ m	<i>(to be determined according to local codes, terms above just for orientation, details according to European Codes overleaf)</i>	

Applicable Code:				
<input type="radio"/> EN 199x	<input type="radio"/> AS NZS 1170	<input type="radio"/> MS 1553	<input type="radio"/> NSCP 2015	<input type="radio"/> NBR 6123
<input type="radio"/> Other	(please indicate design wind load / design wind speed _____ kN/m ² _____ km/h)			
	(please indicate design snow load on the roof _____ kN/m ²)			

Disclaimer: AEROCOMPACT is not responsible for incorrect system design based on deficient information provided by the customer, e.g. via this checklist, and refuses liability for problems, delays, costs, damages to things as well as to human health and life resulting directly or indirectly from this incorrect information. In particular, the local terrain and soil conditions should be thoroughly identified on site and completely communicated to **AEROCOMPACT** by the customer.

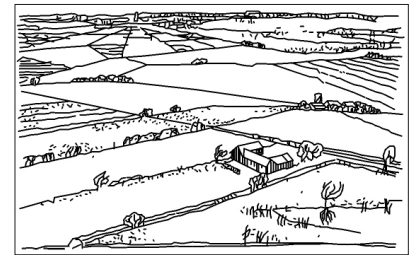
Terrain category 0

Sea, coastal area exposed to the open sea



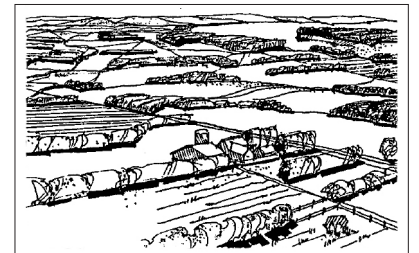
Terrain category I

Lakes or area with negligible vegetation and without obstacles



Terrain category II

Area with low vegetation such as grass and isolated obstacles (trees, buildings) with separations of at least 20 obstacle heights



Terrain category III

Area with regular cover of vegetation or buildings or with isolated obstacles with separations of maximum 20 obstacle heights (such as villages, suburban terrain, permanent forest)



Terrain category IV

Area in which at least 15% of the surface is covered with buildings and their average height exceeds 15 m

