



CARBON FOOTPRINT

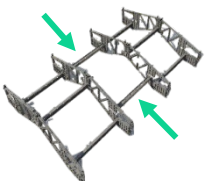
This document shows the carbon footprint of the Amfisol ground mounting structure on level of the different components which allow customers to calculate the total carbon footprint for projects.

1. Input parameters

Stage	kg CO ₂ e / kg*
Raw materials (compound)	1,83
Compounding (Scope 1+2)	0,12
Injection moulding – press	0,27
Injection moulding – auxiliaries	0,10
Total (cradle-to-gate)	2,33 kg CO₂e

*per kg finished part – cradle-to-gate, EU average electricity

2. Carbon footprint components

200101	SHELTER	
Sub articles		
100101	2 x bridge right 	 31,952 kg CO₂e
100201	2 x bridge left 	
100301	3 x profile 	
100401	2 x bridge plug 	
100501	4 x profile plug 	
200201	INTERCONNECTION KIT SERIAL	
Sub articles		
100301	2 x profile 	 5,68 kg CO₂e
100501	4 x profile plug 	
200301	INTERCONNECTION KIT PARALLEL	
100501	2 x profile plug 	 0,104 kg CO₂e



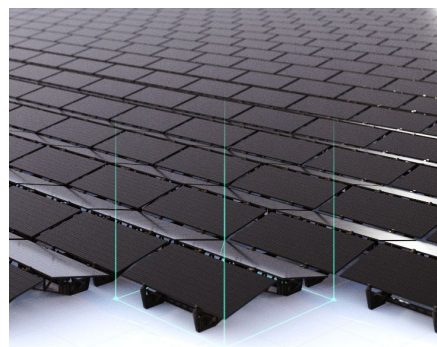
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Article n°	Name	Visual	Carbon Footprint in kg CO ₂ e
100601	Ballast carrier		0,548
100701	Clamp 25 mm		0,064
100801	Clamp 30 mm		0,064
100901	Clamp 35 mm		0,064

3. Carbon footprint project example

For 100 Solar Panels 620 Wp:

- 50 x shelter (5 x 10 configuration)
 - 40 x interconnection kit serial
 - 45 x interconnection kit parallel
 - 26 x ballast carrier
 - 400 x clamp
- = 1869,33 kg CO₂e without transport



4. Carbon footprint transport

Transport by truck:

1 full truck load for approximately 1000 solar panels and weight of 8,5 ton

Truck transport	Dataset	well to wheel (per ton)
< 10 ton	CE Delft	0,363 kg CO ₂ /ton-km