

# Heliup

More than lightweight



**Unlocking the full  
potential of rooftops with  
lightweight solar panels**

# — SELF-CONSUMPTION

Highly compatible with on-site energy production

The solar potential of large roofs is more than **20% of Europe's electricity consumption.**

Currently, this potential is largely under-exploited because conventional PV panels are not compatible with the structural limitations of buildings with **low load-bearing capacities.**

Our **innovative, lightweight technology** enables photovoltaic systems to be optimally integrated with minimal impact on existing building infrastructure.



Industrial



Commercial



Logistics



Public

## — OUR MISSION —



1. Value your assets with an insurable solution



European Union

2. Facilitate your compliance with EU regulations  
(Loi APER, Décret tertiaire, NZIA for feed-in-projects)



3. Decarbonize the building industry

## — ROOF INTEGRATION



**Simple and fast installation through direct bonding** onto the waterproofing membrane (**1 min/panel**).

Compatible with both bituminous and synthetic membranes.

Compliant with the most complex building standards: **B-Roof T3** and resistance to **extreme winds** (zone 4). Very **high mechanical resistance** and **low soiling effect**.



Installation time and material usage reduced by **60%** compared to conventional rooftop PV plant.



# — STYKON® : Build light, build strong

IEC 61215/61730  
IEC 61701- C5



**Certified**



**Patented**

20+ years of experience in R&D

**25-Year Power Guarantee**

output power > 89% after 25 y

**Manufactured in France**



**Lightweight: 4.7 kg/m<sup>2</sup>**

60% lighter than conventional panels

**High durability**

Surpasses IEC standards

**20% Efficiency**

We use best in class PV silicon cells

**Sustainable**

Low carbon and low material usage





# STYKON®

## Building Integrated Solution

No need for heavy work - Easy and fast to implement - Non invasive

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## \_\_\_ HELIUP: A profitable solution for real estate owners

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- A close-up, angled photograph of several rows of solar panels. The panels are dark blue or black with a grid of silver lines. They are mounted on a white structure.
01. Reducing energy bills
  02. Electricity prices stable for 20 years
  03. Reducing greenhouse gas emissions and improving energy performance, increasing property value and attractiveness
  04. Local and green energy production
  05. Regulatory requirement



**High profitability**

Increased with self-consumption



**Building Certificate + Fire Certificate**





**4 000 m<sup>2</sup>**  
**Surface**



**100 MW<sub>p</sub>**  
**Annual capacity**



**> 350 000**  
**Panels/year**



**100%**  
**Automatic**



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