

HelioClad Custom

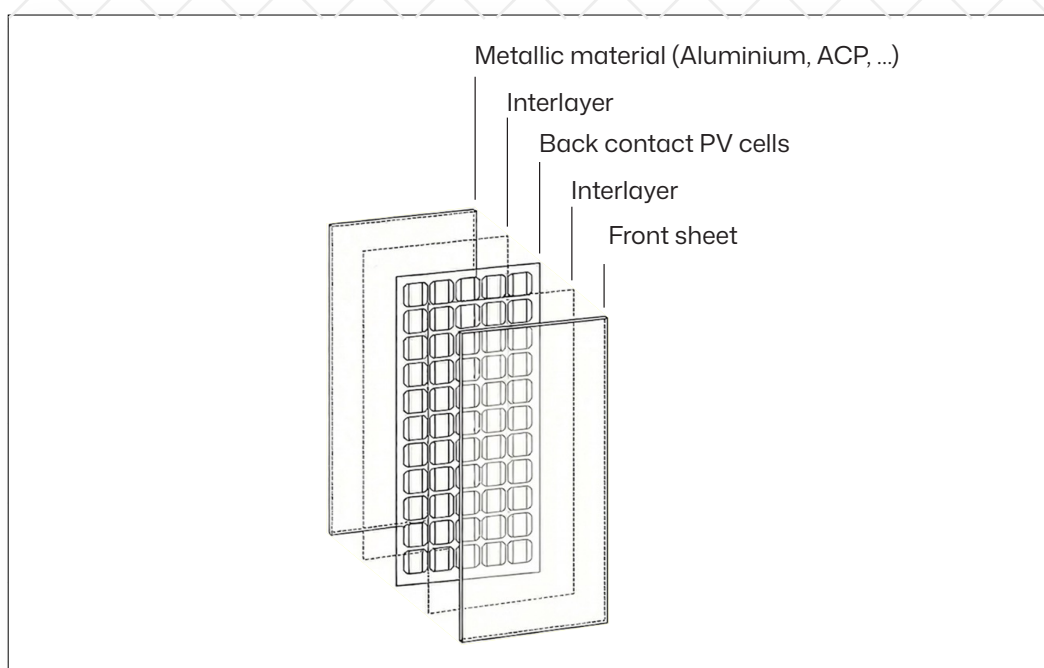
ENFOIL
Solar Materials

BIPV, seamlessly energized

Made out of metallic cladding, these coloured modules allow the walls to remain aesthetic while delivering autonomous electricity, with PV cells discreetly hidden behind the colours.

Characteristics

- Transparent or coloured sheet laminated on black cladding construction material
- Black cells stringed narrowly for highest coverage possible
- Power output depending on colour chosen
- can be screwed or glued
- edges can be folded and pierced to form cassettes
- <3mm thick & <3kg/m² on top of substrate



	Chromatic	Metallic
Composition	Exterior	Flexible impact resistance sheet
	Interlayer	POE-type
	Interior	Aluminium (3mm or higher, ACM, other materials on demand)
	Colour	On demand
	Min. size (mm)	400 x 400
	Max. size (mm)	4500 x 1200
	Min. thickness (mm)	<3mm on top of substrate
	Max. thickness (mm)	Depends on substrate
	Weight	<3kg/m ² on top of substrate
	Shapes	Rectangular/polygonal
Electricity	Type of cell	High-performance Back Contact cells
	Power (Wp/m ²)	Up to 180Wp/m ² depends on colour and attachment
	Junction Box	Back
	Typical cable length	2 x 1m
	Cell size (mm)	M6: 166 X 166/M10 HC: 182 X 91
Installation	Attachment method	Casette/Screw
	IEC certifications	IEC 61215 - IEC 61730
Warranty	Product warranty	10 years
	Performance warranty	10 years - 90% nominal power. 25 years - 80% nominal power

Additional colors available upon request



Colors are for preview purposes; the exact color depends on the material and lighting.