

Planum Photovoltaic Solar System

Discover Planum Solar Tiles from STIPL Roofz—integrated photovoltaic roof tiles combining ceramic beauty with clean energy. Ideal for sustainable, high-performance roofing in India.



Planum Solar Tile – Power Meets Elegant Design

Generate solar energy without compromising on aesthetics. Planum Photovoltaic Solar Tiles from STIPL Roofz combine the look of traditional clay tiles with cutting-edge solar technology for smart, sustainable living.



At STIPL Roofz, innovation meets sustainability with the **Planum Photovoltaic Solar System**—a cutting-edge roofing solution that combines the timeless beauty of ceramic tiles with the power of renewable energy.

These tiles are **specially engineered to integrate solar panels directly into the roofing system**, eliminating the need for bulky and visually disruptive panels. Their sleek, flat design aligns perfectly with the Planum tile profile, ensuring a **visually harmonious finish** that enhances both aesthetics and performance.

Manufactured by **La Escandella**, these solar tiles are part of an advanced R&D&I initiative that puts design, energy generation, and durability at the forefront. With high-quality ceramic surfaces and integrated photovoltaic cells, the Planum Solar System ensures **maximum energy yield, high weather resistance, and minimal maintenance**—ideal for Indian environmental conditions.

Whether you're constructing a green-certified home, a commercial property, or a sustainable architectural landmark, these tiles serve as a **dual-purpose solution**: roofing that protects and powers.

At STIPL Roofz, customer satisfaction is a cornerstone of our philosophy. That's why we provide **personalized support and consultation** for every solar project—helping clients select, plan, and implement solar roofing systems that align with their energy goals and architectural vision.

Choose Planum Photovoltaic Solar Tiles from STIPL Roofz—where sustainable living begins at the roof.

Dimensions*	A 823 mm / 32.40"
	B 340 mm / 13.38"
	C 61 mm /2.40"
Tiles/ m2	3.2
Equal to Planum tiles	3.5
Unit weight	11.2 Kg / 24.69 lb
N° of monocrystalline cells	10 (2x5)
Cell Size	156 x 156 mm / 6.14 x 6.14"
Laying	Broken bond
Treated wood batten	5 x 5 x 240 cm / 1.96 x 1.96 x 94.48"
Rated Maximum Power	47 Pmax/ W
Power/ m2	150 W
Maximum efficiency	17%
Maximum Power Voltage	5.18 Vmp/ V
Open-circuit Voltage	6.67 Voc/ V
Maximum Power Current	9.19 Imp/ A
Short-circuit Current	9.68 Isc/ A
N° of solar tiles/ kw	21
STC: Irradance 1.000 W/m · Module Temperature: 25° · AM = 1.5	

Solar Integration

Planum photovoltaic system generates clean roof energy.

Durable Design

Resists weathering for reliable solar performance.

Easy Installation

Seamlessly integrates with Planum roof tiles.