

Turning Roofs Into Powerhouses

Achieve 100% Energy Independence. Eliminate Electricity Bills.



T.E.S HELIU SOLAR ROOF TILES

www.tes.co.zw



We are-
*redefining roofing and
energy independence
for Zimbabwe.*

We deliver **new** cutting-edge solutions that power homes, enhance property value, and build a greener, more resilient Zimbabwe.

Our Values: Energy Independence, Sustainability, Architectural Integrity, Local Empowerment.

NEW

PRODUCT OVERVIEW

What is Heliu?

Heliu represents the pinnacle of modern solar roofing. It's a Building Integrated Photovoltaic (BIPV) solution that replaces conventional roof tiles, offering a sleek, integrated aesthetic for both new constructions and re-roofing projects. Heliu is your roof, reimagined as a silent, powerful energy generator.



Roof Color & Finish Variations:

Heliu Solar Roof Tiles are available in a range of sophisticated colors and finishes, including classic Black Shake and Shingle designs, to complement diverse architectural styles. Customization options may be available upon consultation.

Options

Stone coated solar roof tiles -- HELIU



Add-ons & Related Accessories: TES provides a comprehensive solution, including all necessary conventional shake and shingle accessory tiles, ensuring a complete and seamless roofing system. We also offer smart inverters for real-time energy monitoring.



New Build Installations: Integrate clean energy from the ground up. Heliu provides a modern, energy-efficient foundation for new residential and commercial properties, offering immediate energy independence and long-term savings.

Client Use Cases



Re-roofing Projects: Upgrade your existing roof to a self-sustaining power plant. Heliu offers a smart, aesthetically superior alternative to traditional re-roofing, enhancing both the value and energy performance of older properties.



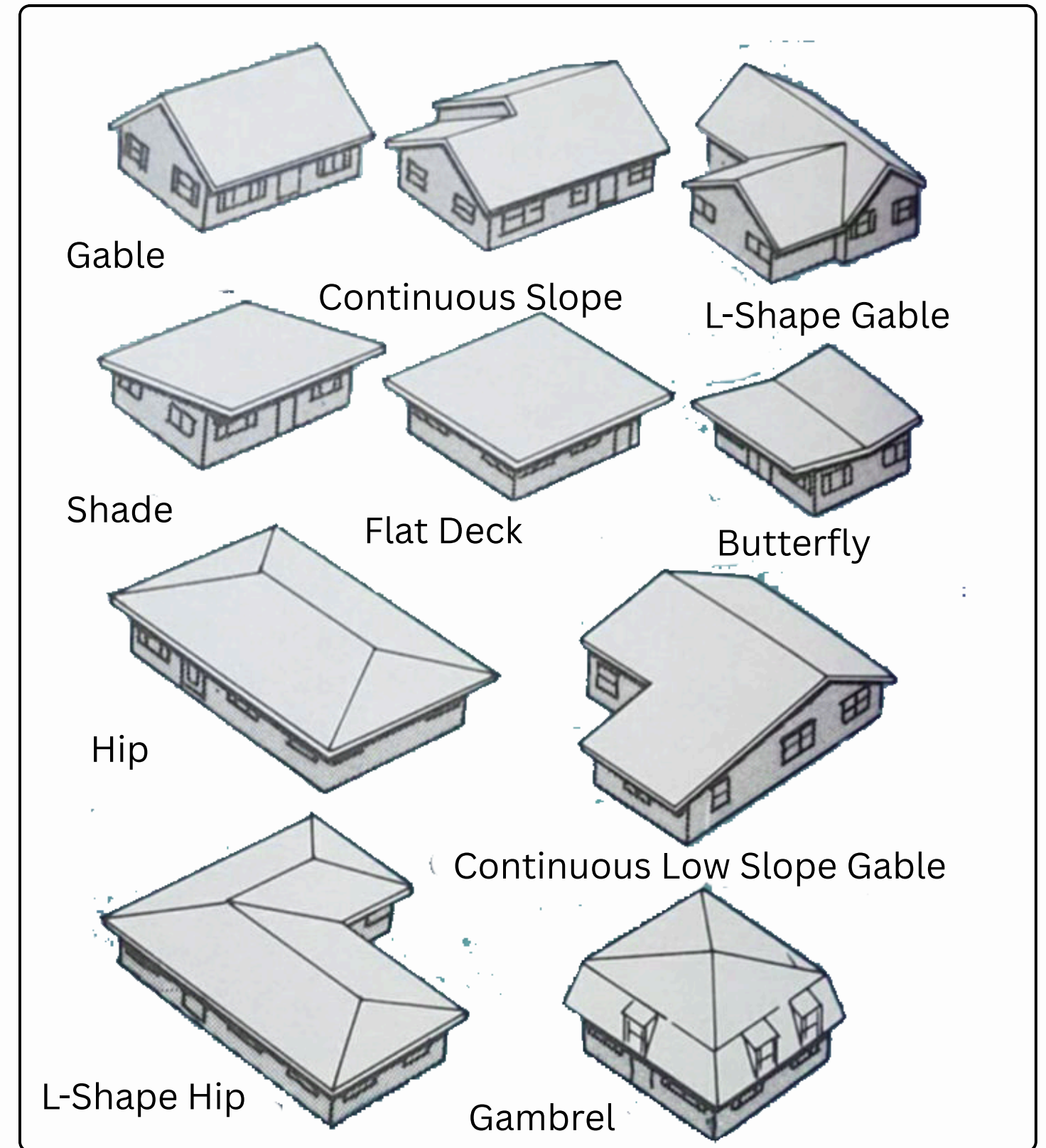
Smart Communities & Eco-Estates: Pioneer sustainable living with integrated solar solutions across entire developments. Heliu enables communities to achieve collective energy independence, reduce carbon footprints, and set new standards for eco-conscious living.



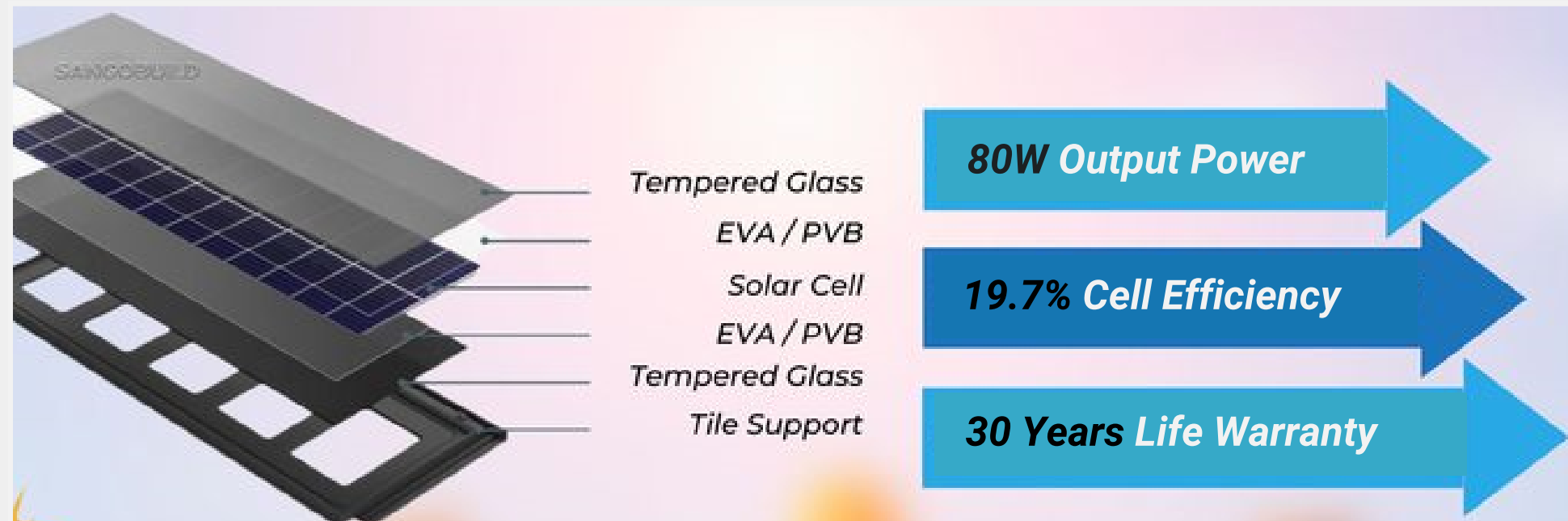
Compatibility with Different Roofing Systems:

Designed for versatility, Heliu tiles are ideal for:

- Lightweight roofing structures
- Steel buildings
- Wooden buildings
- Most conventional roof installation bases



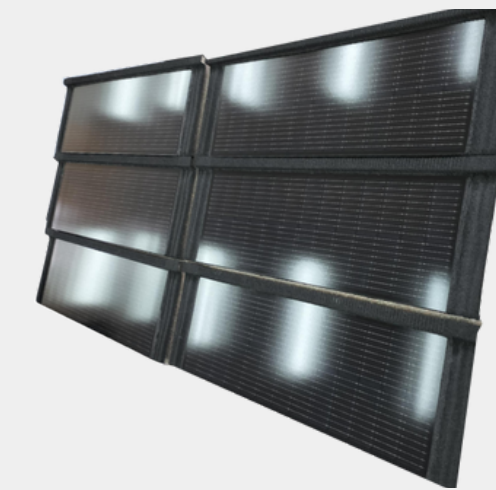
Advantages



Technical Specifications:

- Modular Design: Seamlessly integrates with various roof types.
- Power Output: 80 Watts per tile (Heliu-Shingle and Heliu-Shake models).
- Lightweight Advantage: Approximately 13 kg/m², significantly reducing structural load.
- Dimensions: 1340 x 420mm (for both Shingle and Shake designs).
- Construction: Features an AL-ZN Metal Back, Tempered Glass, and high-efficiency Solar Cells, ensuring durability and performance.
- Lifespan: Designed for long-term performance, comparable to premium roofing materials.

Integrated Design Advantage: Say goodbye to bulky, obtrusive solar panels. Heliu eliminates clutter, preserving your home's aesthetic appeal while maximizing solar generation. It's a roof that works harder, looks better, and pays for itself.



Durability, Weather Resistance, Aesthetics: Heliu tiles are engineered for extreme weather, offering superior waterproofing, excellent thermal insulation, and Class A fire ratings. Their beautiful appearance and integrated design enhance curb appeal and property value.



<p>Requires separate roofing + solar installation labor</p>		<p>Integrated roofing + solar saves on dual installation costs</p>
<p>Installed on top of existing roofing, often considered unattractive on rooftops</p>		<p>Seamless, premium finish — looks like a roof and Replaces conventional roof materials</p>
<p>Standard efficiency with limited form flexibility</p>		<p>Upgraded cell structure increases power output per tile</p>
<p>Often relies on grid-tie systems for stability or backup</p>		<p>Designed to integrate with battery storage for full home energy autonomy</p>

Our services

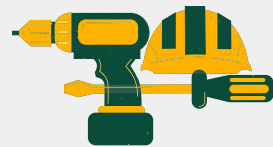
At TES, your journey to energy independence begins with a personalized consultation designed to meet your unique needs



- Site Feasibility Assessment: Our experts conduct a thorough evaluation of your property's solar potential, roof structure, and energy consumption patterns.



- Quotation & Custom Design Packages: Receive a transparent, detailed quotation and a tailored design plan that optimizes Heliu's performance and aesthetic integration for your home.



- Installation Support (via Accredited Teams): We connect you with our network of trained and accredited technicians and electricians, ensuring professional, efficient, and high-quality installation.



- After-Sales Support & Monitoring: (Optional, if available) Benefit from ongoing technical support and optional monitoring services to ensure your system operates at peak performance, maximizing your energy generation and savings.

Project Process



Our ongoing support and monitoring ensure long-term performance and satisfaction.

Timeline Expectations: From inquiry to activation, we prioritize efficient project completion. Pilot installations are projected within 4-6 weeks of sample tile arrival. Full timelines will be detailed in your custom design package.

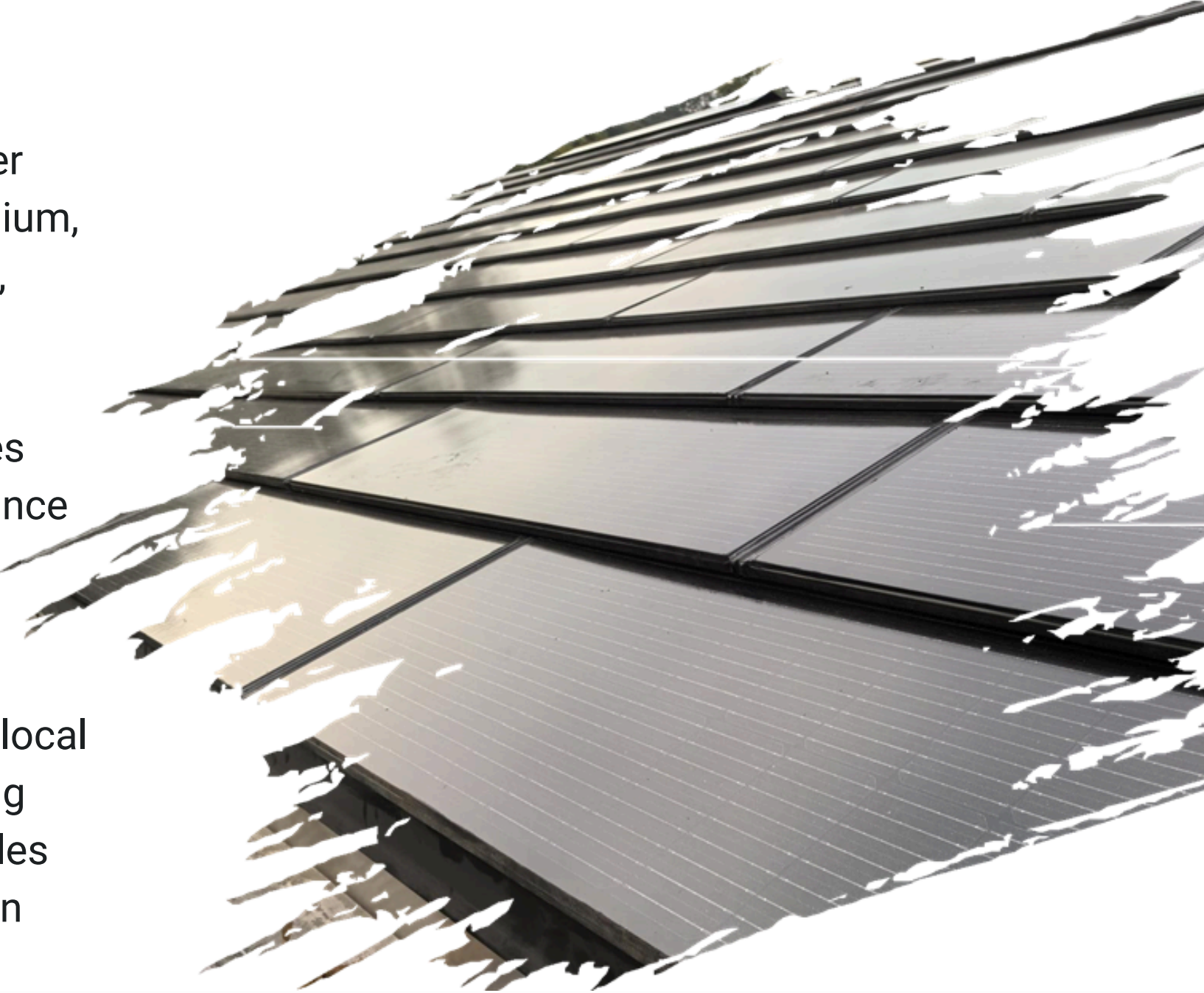
Payment Stages: Our payment structure is designed for clarity and convenience, with stages aligned to project milestones (e.g., deposit, material delivery, installation). Specific terms will be outlined in your final agreement.

Why us?

Supplier-Backed Distribution: As a dedicated partner of Hangzhou Singer Building Materials Co. Ltd (Sangobuild), TES provides direct access to premium, internationally certified Heliu Solar Roof Tiles. This ensures authenticity, reliability, and direct supplier support.

Premium-Quality Materials & Warranty: Heliu tiles offer robust warranties (including 30-year power and weatherization), ensuring long-term performance and peace of mind. Our products are built to last and designed for the Zimbabwean climate.

Local Support, International Standards: We combine global innovation with local expertise. Our team understands Zimbabwe's energy landscape, providing tailored solutions, accredited installation support, and responsive after-sales service. Your energy independence journey is fully supported, right here in Zimbabwe, adhering to the highest international quality standards.



FAQ

Q: What is the typical pricing range for a Heliu solar roof?

A: Pricing varies based on roof size, energy requirements, and specific design. Our custom quotation process ensures transparency. We provide detailed breakdowns after a site assessment.

Q: How long does Heliu installation take?

A: Thanks to Heliu's modular design, installation is significantly faster than traditional panel systems. A typical residential installation can be completed within days, depending on roof complexity and size.

Q: Is battery storage compatible with Heliu systems?

A: Yes, Heliu systems are fully compatible with various battery storage solutions, allowing you to store excess energy generated during the day for use at night or during grid outages, achieving 100% energy independence.

Q: What is the lifespan and maintenance required for Heliu tiles?

A: Heliu tiles are designed for durability, with a lifespan of 25-30 years and minimal maintenance. Regular cleaning (like any roof) and periodic system checks are generally sufficient to ensure optimal performance.

Contact Us

Ready to transform your roof into a power-generating asset?
Book Your Free Consultation Today!

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