

# Volt<sup>•</sup>

In partnership with

La Escandella  
ROOFING THE WORLD

 bristleroofting<sup>®</sup>

BRICKWORKS

## Building Integrated Solar Tiles

Volt Solar Tile  
1300 887 007

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www.volt-tile.com



created by  
Volt Solar Tile Pty Ltd

2024 / 2025  
[www.volt-tile.com](http://www.volt-tile.com)

17 October 2025

2025 v1.0

Revolutionise your architectural creations with Volt solar tiles,  
where sustainability meets beautiful design

The problem with traditional solar: it disrupts the roof, the design, and the build.



#### BROKEN AESTHETICS



Conventional panels sit on the roof, creating visual clutter and conflicting with architectural intent.

#### TRADE COMPLEXITY



Separate solar and roofing systems cause scheduling clashes, roof penetrations, and liability grey zones.

#### LIMITED FLEXIBILITY



Heritage, premium, and design-led homes often reject solar due to its intrusive appearance.

#### OUTDATED THINKING



Solar is still treated as an afterthought — not part of the home's design or material system.



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## DESIGN INTEGRITY

Solar that blends seamlessly with architectural intent, preserving the aesthetic and value of every home it's installed on.

## EFFORTLESS INTEGRATION

Each tile replaces a standard roof tile, not the roofline — maintaining form, improving function, and eliminating visual clutter.

## BUILDER & INSTALLER FRIENDLY

Designed for real-world efficiency, Volt installs like roofing should — fast, watertight, and familiar to trades already on site.

## TRUSTED COLLABORATIONS

Developed in partnership with Bristle Roofing, ensuring tested compatibility, premium materials, and complete system reliability.

Volt is solar that complements  
design, simplifies construction,  
and elevates every home.

Volt's solar-powered homes can withstand harsh weather conditions and ensure longevity with the highest performance capability.

VOLT PATENTED INTERLOCK  
FEATURE

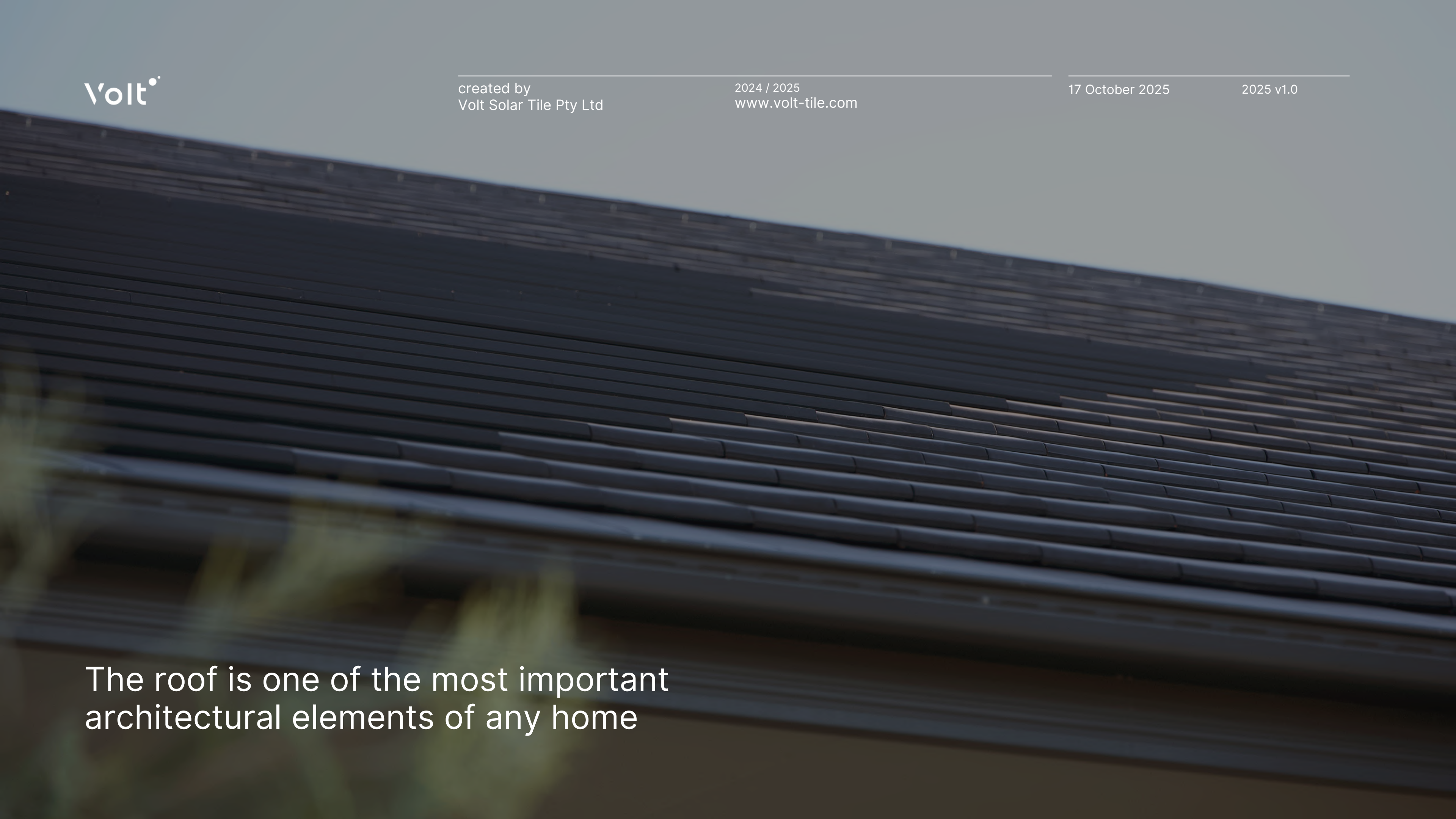
Securely locking Volt solar tiles to the roof,  
ensuring durability & longevity of the roof.

CUSTOM MACHINED 6061  
ALUMINIUM PROFILE FRAME

Strong durability for the roof landscape  
to withstand all weather environments.

LOW IRON TEMPERED  
GLASS LAYER

Toughened glass that protects underlying  
PV cells from extreme climates

A close-up, low-angle shot of a roof covered in dark, rectangular solar tiles. The tiles are arranged in neat rows, and the perspective creates a strong sense of depth and texture. The background is a soft, out-of-focus sky.

The roof is one of the most important  
architectural elements of any home



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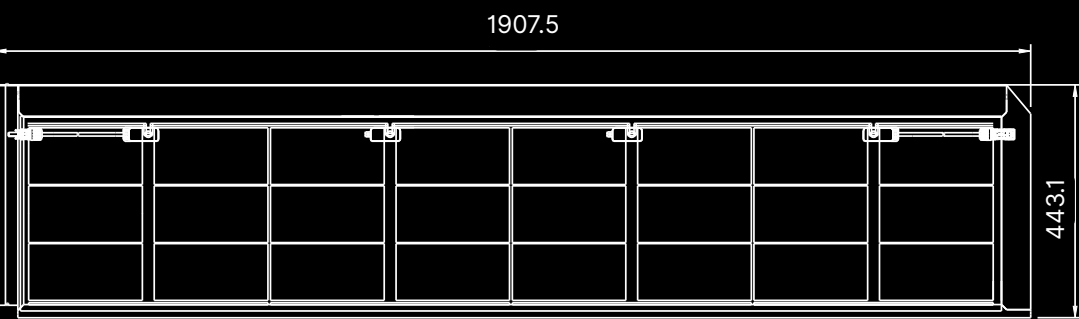
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LODGE

PLANUM



PLANUM



PLANUM ROOF TILES COLOUR RANGE



PLANUM SPECIFICATIONS

|                    |                                    |
|--------------------|------------------------------------|
| MODULE SIZE (MM)   | 1907.5 x 443.1 x 47                |
| MAX POWER OUTPUT   | 110W                               |
| MAX EFFICIENCY     | 16.3%                              |
| MODULE WEIGHT (KG) | 13.8                               |
| FIXING METHOD      | Screw to Batten. Interlock at nose |

|                             |                |
|-----------------------------|----------------|
| MINIMUM PITCH (°)           | 15             |
| BATTEN SPACING (MM)         | 365            |
| BATTEN SIZE HXW (MM)        | 38x38 or 25x50 |
| NO. OF ROOF TILE EQUIVALENT | 8              |



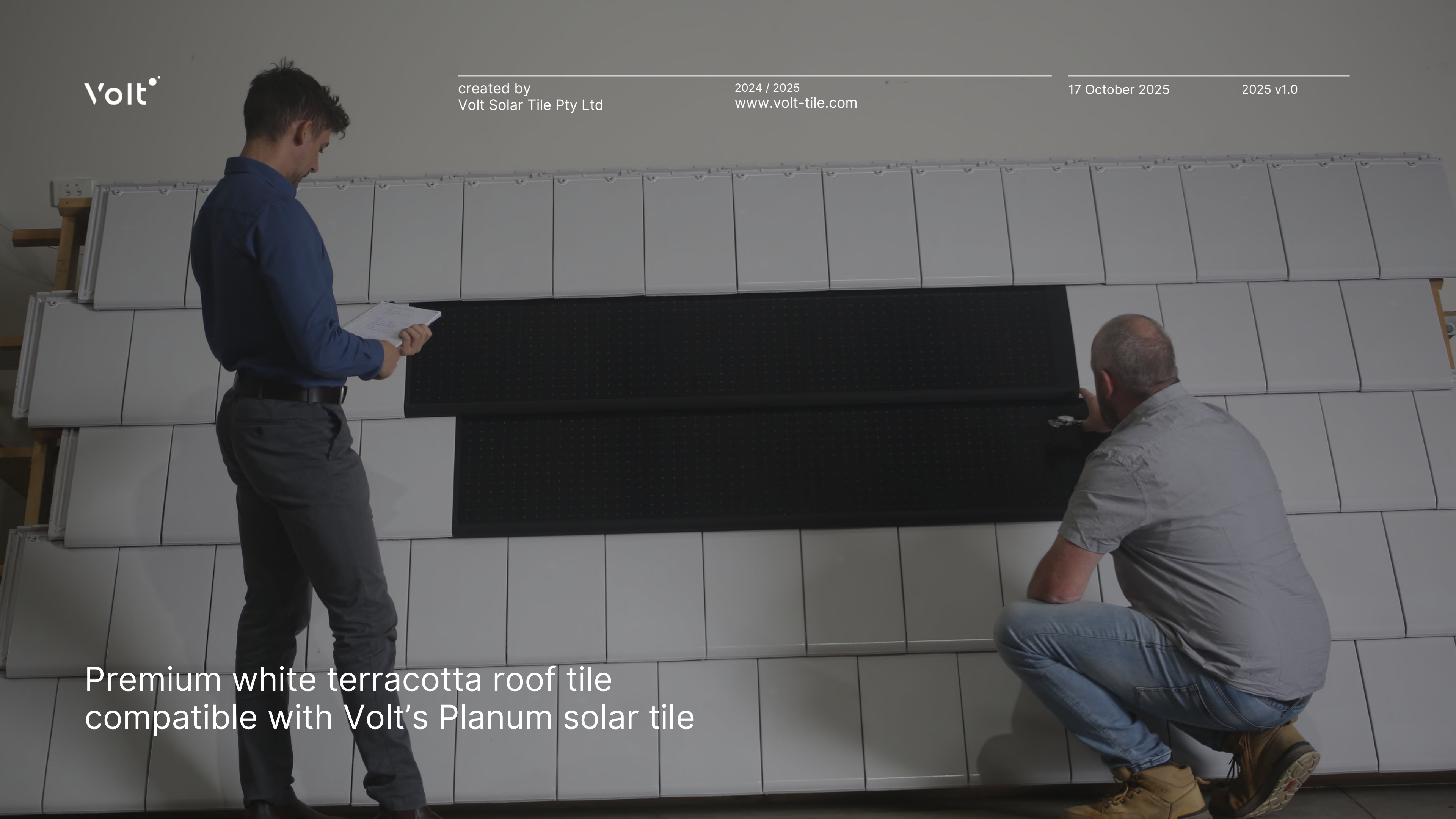
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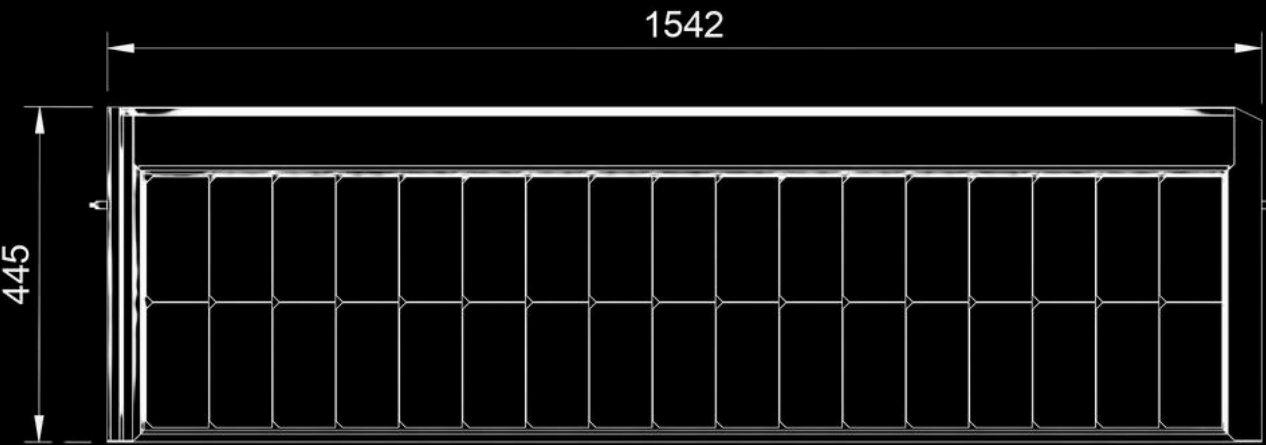
Premium white terracotta roof tile  
compatible with Volt's Planum solar tile





LODGE

Max power output of 105W with an incredible 19.5% efficiency.



LODGE SPECIFICATIONS

|                    |                                    |
|--------------------|------------------------------------|
| Module size (mm)   | 1530 x 445 x 50.2                  |
| Max power output   | 105W                               |
| Max efficiency     | 19.5%                              |
| Module weight (KG) | 10                                 |
| Fixing method      | Screw to Batten. Interlock at nose |

|                              |                 |
|------------------------------|-----------------|
| Minimum Pitch (°)            | 20*             |
| Batten Spacing (mm)          | 360             |
| Maximum Batten Size HxW (mm) | 45x45           |
| No. of roof tile equivalent  | 5               |
| Fire Class Rating            | UL 1703 Class C |

\*for 4500mm rafter. Please refer to Bristle Roofing 's installation guideline for pitch to ratio rafter requirement

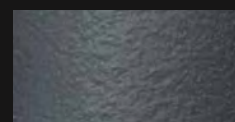
# Volt Lodge solar tiles compatible with concrete roof tiles and their varied roof profiles and colours



SILVER GUM  
PRESTIGE



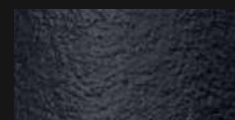
LATE MIST  
PRESTIGE



STORM GREY  
PRESTIGE  
ETON



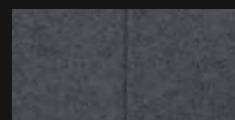
COOL SMOKE  
PRESTIGE



DEEP SHADOW  
PRESTIGE  
ETON



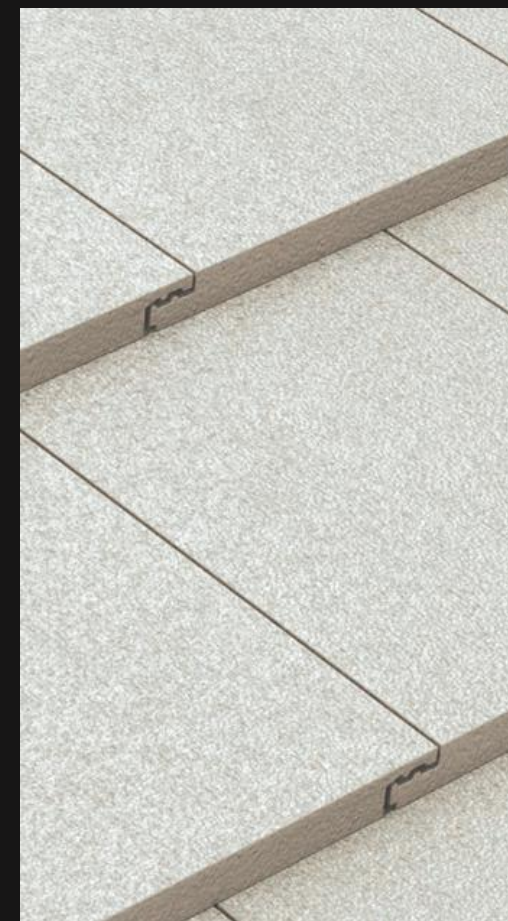
MATTE BLACK  
PRESTIGE  
ETON



MATTE GREY  
PRESTIGE  
ETON  
PREMIERE

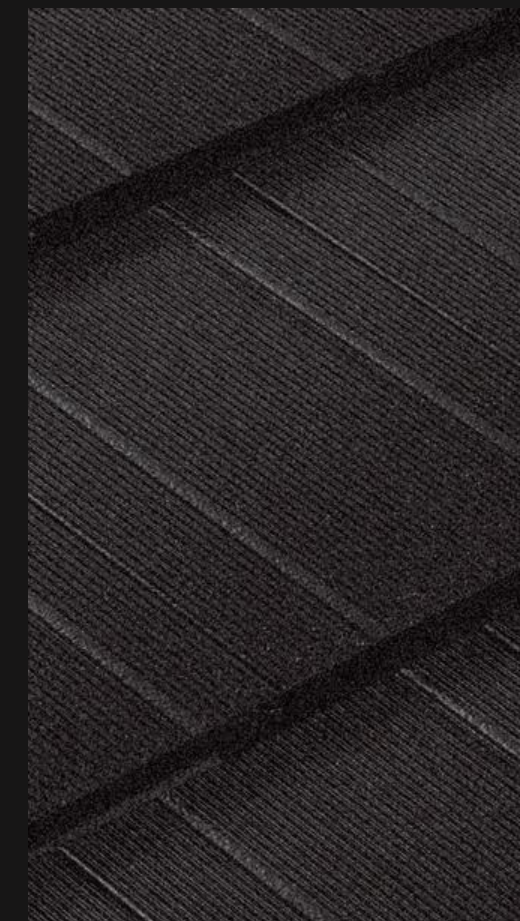
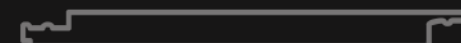


ASPEN  
PRESTIGE



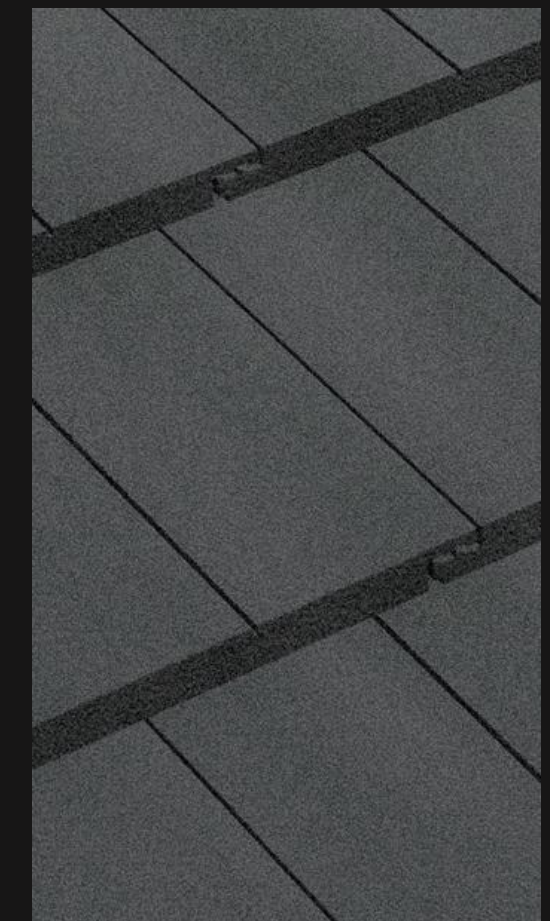
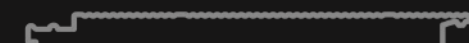
## PRESTIGE

Understated and simple, the Prestige profile is eye-catchingly elegant and timelessly refined.



## ETON

The textured surface of this profile makes for a creatively different and prestigious look.



## PREMIERE

With its striking design, Premiere offers a smooth finish and dark tone akin to slate – at a much lower cost.





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Volt reduces risk of roof leaks and silica dust for added site safety.

No roof penetrations, maintaining the roof's natural watercourses.

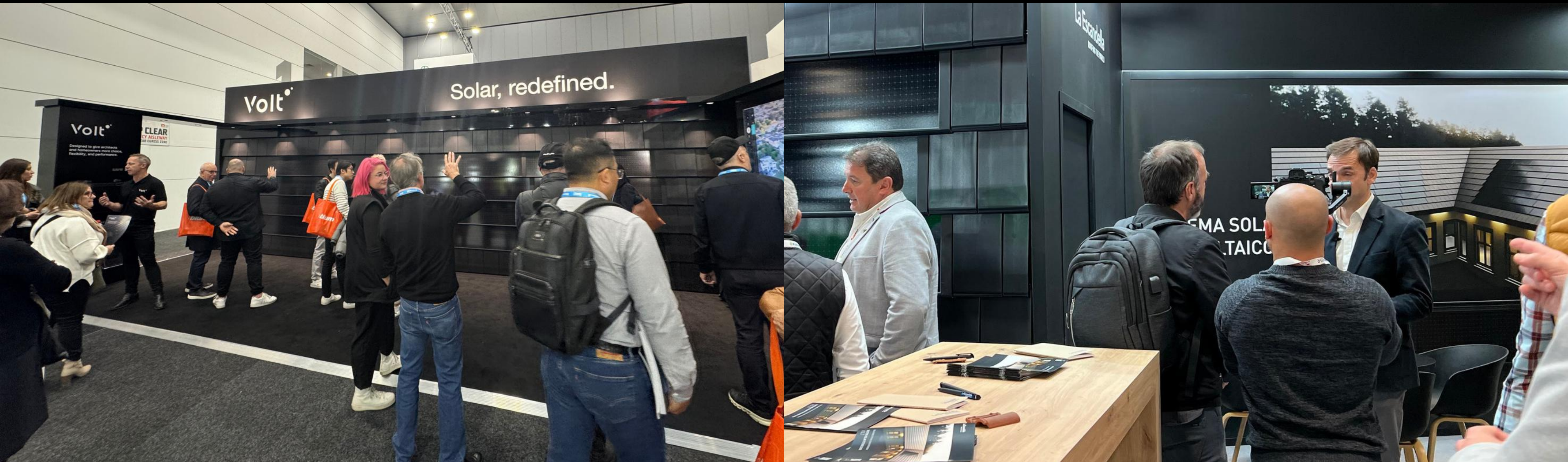
Replicates roof tile flow paths with no additional flashings required.

Surpasses roof tiles in certified dynamic weather resistance testing.

Mounts directly to roof battens, removing the need for brackets or rails.

Preserves roof tile integrity with a no-grind installation method.

Eliminates silica dust exposure onsite through dust-free installation.



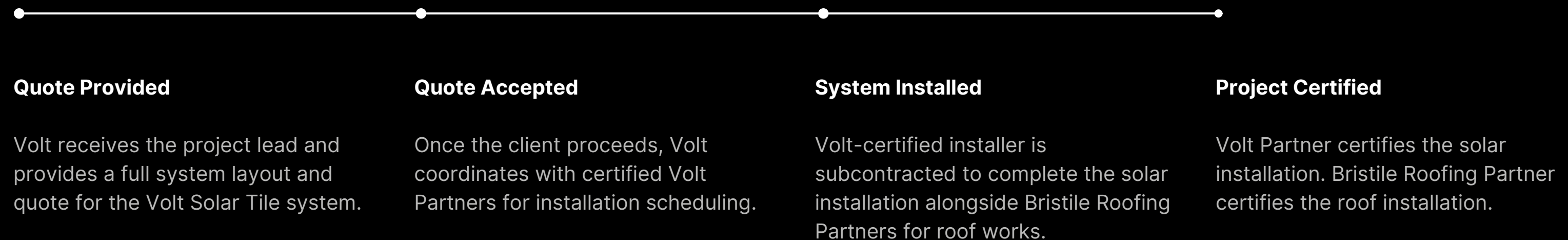
Volt partnerships assists in the coordination between consumer, architects, builders, solar installer and roofing contractor.

Each Volt model is compatible with a selected range of Bristile Roofing's premium roof tiles.



# A seamless process from quote to certified installation

Certified installers and roofing professionals working together to deliver seamless integration. Over 50 Volt Installers and 15 Bristle Roofing Partners nationwide.



Volt outperforms every solar tile in  
the Australian market on price,  
performance and quality.



# Integrated Solar Roofing Comparison

## Volt Solar Tile

110 W · 19.5% Efficiency

Engineered for Australian conditions and designed to integrate seamlessly with Bristle Roofing’s tile range.

25 Year Performance Warranty  
10 Year Product Warranty

10 kg · 95.2 kg / kW

## Tesla Solar Roof

72 W · 16.5% Efficiency

Premium US system integrating with composite roof tiles.

25 Year Tile & Power Warranty

7.5 kg · 104.2 kg / kW

Not currently available in Australia.

## Nulok Solatrix 1200-400

60 W · 12.5% Efficiency

Integrates with slate and ceramic roof tiles for heritage or premium projects.

25 Year Performance  
10 Year Material & Workmanship Warranty

6.6 kg · 110 kg / kW



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**25 YEAR**

PERFORMANCE WARRANTY

**10 YEAR**

PRODUCT WARRANTY

We are proud in offering solar tiles of exceptional quality and performance. With our industry-leading 25-year performance warranty and 10-year product warranty, we guarantee the longevity and performance of our solar tiles.



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Volt's solar system supports architects in creating environmentally sustainable residential buildings with high NatHERS ratings and council-endorsed sDA compliance.

How are you planning to meet the new energy efficiency standards?

Solar power is on track to become the standard rather than the exception, driven by a combination of construction compliance regulations, government policies, and increasing demand from consumers.

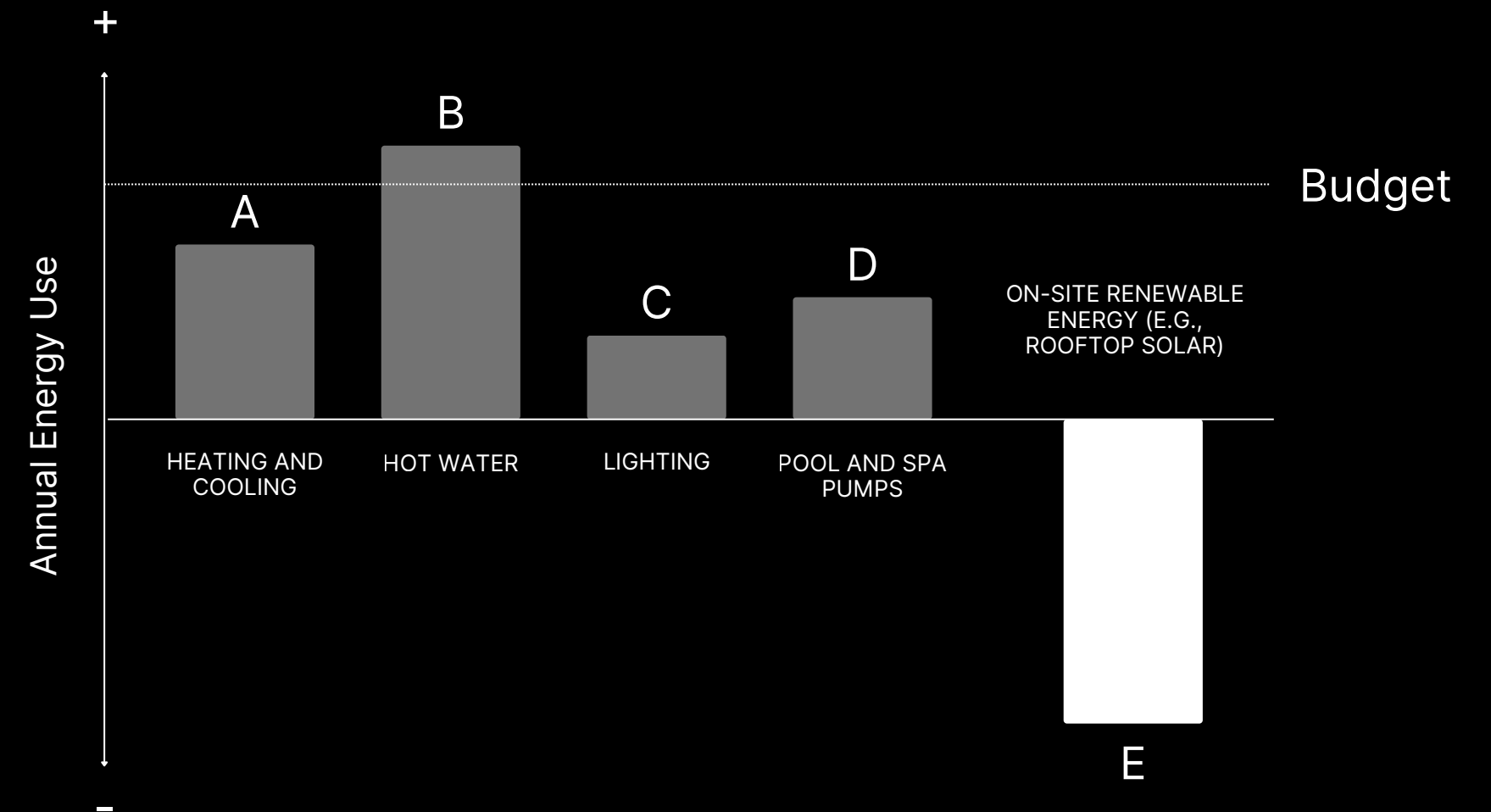
# Volt helps homes meet NCC 2022 energy efficiency targets.

## NCC 2022 ENERGY BUDGET COMPLIANCE

Volt's integrated solar tiles contribute on-site renewable energy generation, helping offset energy use from:

- Heating and cooling systems
- Hot water units
- Lighting, pools, and spa pumps

With Volt, projects can achieve lower annual energy consumption and meet NatHERS and NCC energy budget requirements through built-in renewable generation.





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Pave the way to the future of solar  
power design with Volt and offer the  
sustainable home others cant.

Limited stock available  
across Australia from  
august 2025