CLIMATILE™
BY TAKAZURI

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## INTERLOCKING ROOF TILE SYSTEM

# It Just Clicks!



## A smart and sustainable system for cladding and roofing

FAST COMPANY
World Changing Ideas 2025

BEST WORLD CHANGING IDEA 2025
Africa, Europe & Middle East

BUILD
MAGAZINE
USA / UK

MOST INNOVATIVE ROOFING & CLADDING 2025

BEST CONSTRUCTION & ENGINEERING PRODUCT 2026

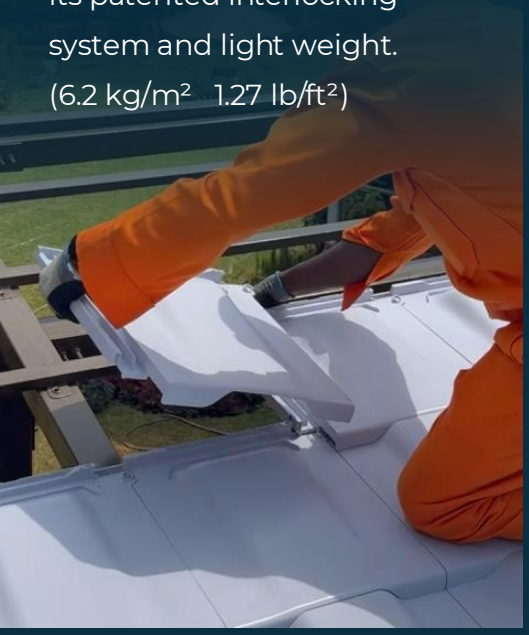
CBS
THE VISIONEERS WITH ZAY HARDING

FEATURED IN CBS TV DOCU-SERIES 2026

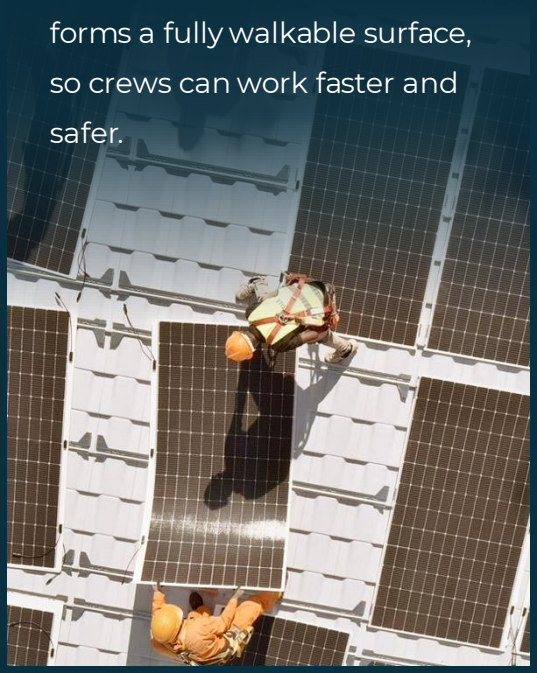

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# Easy, durable, adaptable… It Just Clicks!

**70%** faster to install than conventional clay tiles thanks to its patented interlocking system and light weight. (6.2 kg/m² 1.27 lb/ft²)



**0** risky drilling for fast solar panel mounting. Climatile™ forms a fully walkable surface, so crews can work faster and safer.



**100%** recyclable at the end of life. We've turned wasted material into a high-performing tile for cool roofs that lower energy costs.



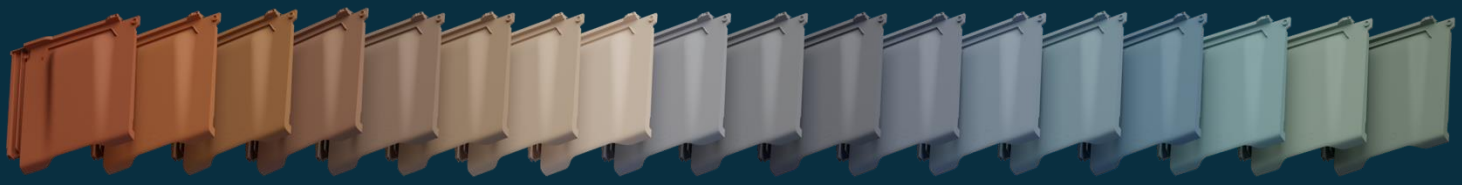



## Enjoy

clean rainwater recollection thanks to our non-toxic material and unique design. Every drop counts.

## 20+ colors, to choose from

Colors shown are indicative.



Terracotta | Sand | Grey | Blue | Green

## Brighten

your spaces with natural daylight, using Climatile™ translucent.





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# Proven across Kenya

## Commercial



Fast to install solar-ready roofs for shops, offices and clubs. No underlay.



## Residential



Replacing flat concrete roofs with lightweight, water-proof roofs



## Institutional



Light, durable roofs for schools and clinics, no specialist crews.



## Humanitarian



Quick-to-build, dismountable and reusable roofing for camps and relief sites.



# Tested by independent laboratories

- ✓ Strength
- ✓ Flexibility
- ✓ Flammability
- ✓ Smoke density
- ✓ Heat reflection

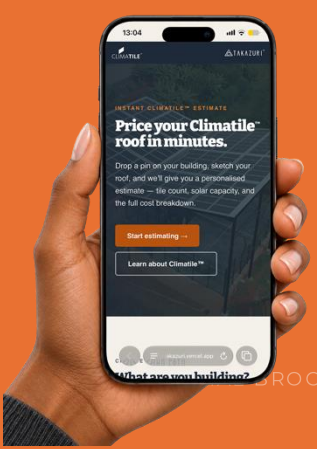
Tensile strength - ASTM D638 / ISO 527-2
Flexural strength - ASTM D790 / ISO 178

Vertical flammability - UL 94
Horizontal burning - ASTM D635
Smoke density - ASTM D2843

Solar reflection index - ASTM E1980

ASTM INTERNATIONAL

KEBS STANDARDIZATION MARK




## Fast Quoting

Our App turns a few basic inputs into a roof & solar configuration offering price, energy estimate and payback just in minutes.
Available in Kenya, soon in USA 2027

## Place your order now

info@takazuri.com
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Scan to learn more


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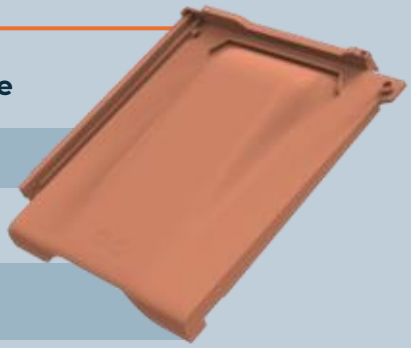
# One roof.
# Every advantage.

Strong · Partial · Weak

| | CLIMATILE™ | Metal sheet (mabati) | Clay or concrete tile | Stone-coated steel | Other synthetic |
|---|---|---|---|---|---|
| Solar NO risky roof drilling | ✓ | ◐ | ✗ | ✗ | ✗ |
| Fast install, NO specialist labor | ✓ | ◐ | ✗ | ◐ | ✗ |
| Lightweight | ✓ | ✓ | ✗ | ✓ | ◐ |
| Watertight at low pitch, NO underlay | ✓ | ✓ | ✗ | ✗ | ✗ |
| Fully walkable | ✓ | ◐ | ✗ | ◐ | ◐ |
| Cool and quiet | ✓ | ✗ | ✓ | ◐ | ◐ |
| Safe rainwater harvesting | ✓ | ✗ | ✓ | ◐ | ◐ |
| Recycled content, recyclable | ✓ | ✓ | ✗ | ◐ | ◐ |

## CLIMATILE™ SPECIFICATIONS

| | | | |
|---|---|---|---|
| Size | 429 × 419 × 71 mm (16.9 × 16.5 × 2.8 in) | Material | Polypropylene |
| Tile Weight | 0.8 kg (1.76 lb) | Fixing | Screws |
| Area Weight | 6.2 kg/m² (1.28 lb/ft²) | Min. pitch | 10° (2:12) |
| Coverage | 8 tiles per m² (0.74 tiles per ft²) | Heat reflection | SRI 69 |



## SOLAR SPECIFICATIONS

Choose your solar system according to panel size (Watt) looks or weight.



**STANDARD**
framed glass module



**COLOURED**
framed, architectural



**ULTRA-LIGHT**
frameless, 2 mm

| | STANDARD framed glass module | COLOURED framed, architectural | ULTRA-LIGHT frameless, 2 mm |
|---|---|---|---|
| Max power (STC) | 555 W | 380 W | 520 W |
| Module efficiency | 21.5% | 19.5% | 19.3% |
| Dimensions (mm) | 2278 × 1134 × 35 | 1722 × 1134 × 30 | 2246 × 1197 × 2 |
| Weight (per m²) | 28 kg (10.8 kg/m²) | 21.0 kg (10.8 kg/m²) | 7.7 kg (2.9 kg/m²) |
| Frame | Aluminium | Aluminium | Frameless |

Ultra-light is 70% lighter and 95% thinner than glass panels. Storage: 3.8 kWh, expandable to 45.6 kWh. Hybrid inverter: 5 kW, expandable to 15 kW. All modules: 1500 V DC, −40 to 85 °C (−40 to 185 °F). Standard and coloured values are typical datasheet figures. Full datasheets on request.


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