

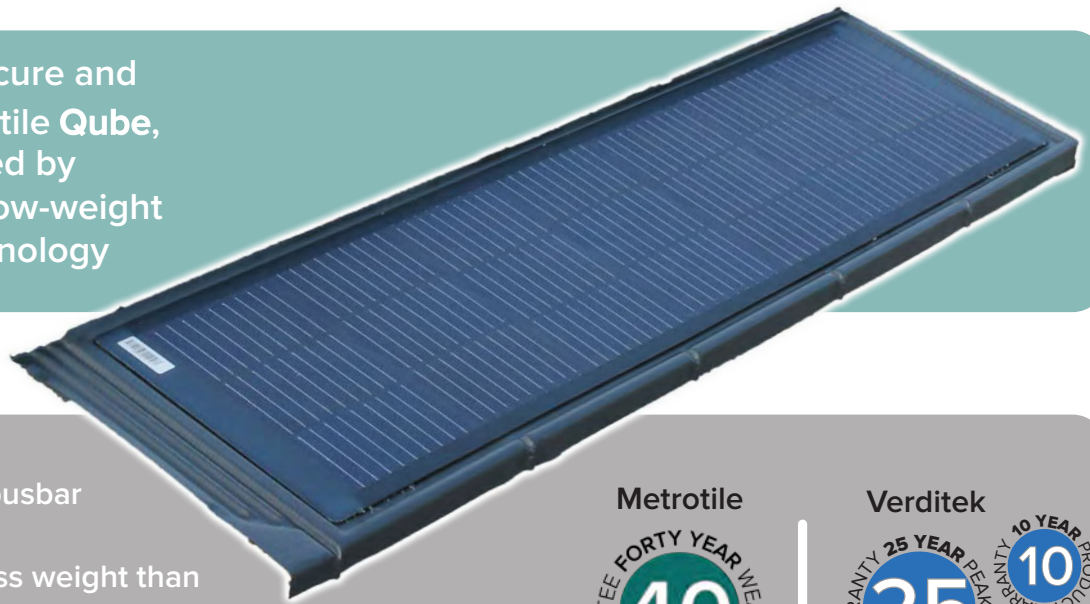
THE ROOF TILE HAS **EVOLVED**

## THE METROTILE INTEGRATED **PHOTOVOLTAIC** SYSTEM

FROM



The incredibly secure and lightweight Metrotile Qube, now complimented by Verditek's sleek low-weight photovoltaic technology



- Fully integrated PV
- State of the art 24 busbar filament technology
- PV panel 6 times less weight than traditional PV panels of the same size
- Inverters and battery packs are available upon request

**Metrotile**



**Verditek**



**Metrotile**



**Lightweight**

Light and easy to handle and install.



**Durable**

Colour stability and protects against UV light.



**Stable**

Resistance to extreme wind or earthquakes.



**Strong**

Exceptional strength and resistant to damage.



**Fire proof**

To be conform with the European standards

**Verditek**



**24 busbar**

State of the art 24 busbar filament technology – improves cell performance, adds structural support and protection against cracking



**Warranty**

No less than 85% minimum peak power at STC after 10 years. We also offer up to 20 years of linear performance warranty depending upon the application



**High Efficiency**

Use of monocrystalline top of the range solar cells guarantees similar energy output as conventional PV panels of the same size



**Ultra Lightweight**

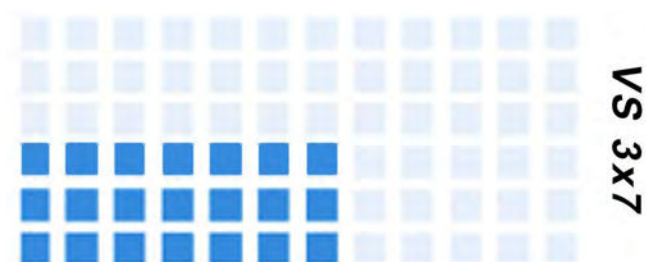
Reduced weight to 2.5 kg/m<sup>2</sup> - about 6 times less than traditional PV panels of same size



For technical information:  
**metrotile** KNOWLEDGEBASE  
[knowledgebase.metrotile.co.uk](http://knowledgebase.metrotile.co.uk)



Metrotile uses Verditek 3x7 photovoltaic panels



Maximum Power	67w
Columns x Rows (cells no.)	7x3 (21)
Size (mm) LxWxH <sup>2</sup>	1210x300x1.5
Weight (kg)	1
Max Power Voltage Vmp	12.86 V
Max Power Current Imp	5.3 A
Open Circuit Voltage Voc	14.83 V
Short Circuit Current Isc	5.37 A
Safety Class	A
Connection Cable	40cm solar cable, double insulated, UV resistant, MC 4 connector system
Solar Cells	Multicristaline Si cells (156x156mm) with Nano-wires technology
Warranty	25-year product warranty, 10-year installation & performance warranty (power output no less than 85% of the mimimum peak power at STC)