

THE ROOF TILE HAS **EVOLVED**

THE METROTILE INTEGRATED **PHOTOVOLTAIC** SYSTEM



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/m² - about 6 times less than traditional PV panels of same size



For technical information:
metrotile KNOWLEDGEBASE
knowledgebase.metrotile.co.uk



Metrotile uses Verditek 3x7 photovoltaic panels



Maximum Power	67 W
Columns x Rows (cells no.)	7x3 (21)
Size (mm) LxWxH ²	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, MC4 connector system
Solar Cells	Multicristaline Si cells (156x156 mm) with nano-wires technology
Warranty Period	25-year product warranty, 10-year installation & performance warranty (power output no less than 85% of the minimum peak power at STC)