



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/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	67w
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, MC 4 connector system
Solar Cells	Multicrystalline 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 minimum peak power at STC)