

# THE ROOF TILE HAS **EVOLVED**

## THE METROTILE INTEGRATED PHOTOVOLTAIC SYSTEM



The incredibly secure and lightweight Metrotile Qube, now complimented by Verditek's sleak 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





Verditek





## Lightweight

Light and easy to handle and install.



Colour stability and protects against UV light.



Metrotile

## Stable

Resistance to extreme wind or earthquakes.



Exeptional strength and resistant to damage.



To be conform with the European standards



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



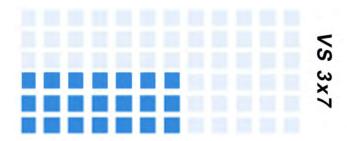




# For technical information: **metrotile** KNOWLEDGEBASE knowledgebase.metrotile.co.uk



Metrotile uses Verditek 3x7 photovoltaic panels



Maximum Power	67 W
Columns x Rows (cells no.)	7x3 (21)
Size (mm) LxWxH²	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)

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