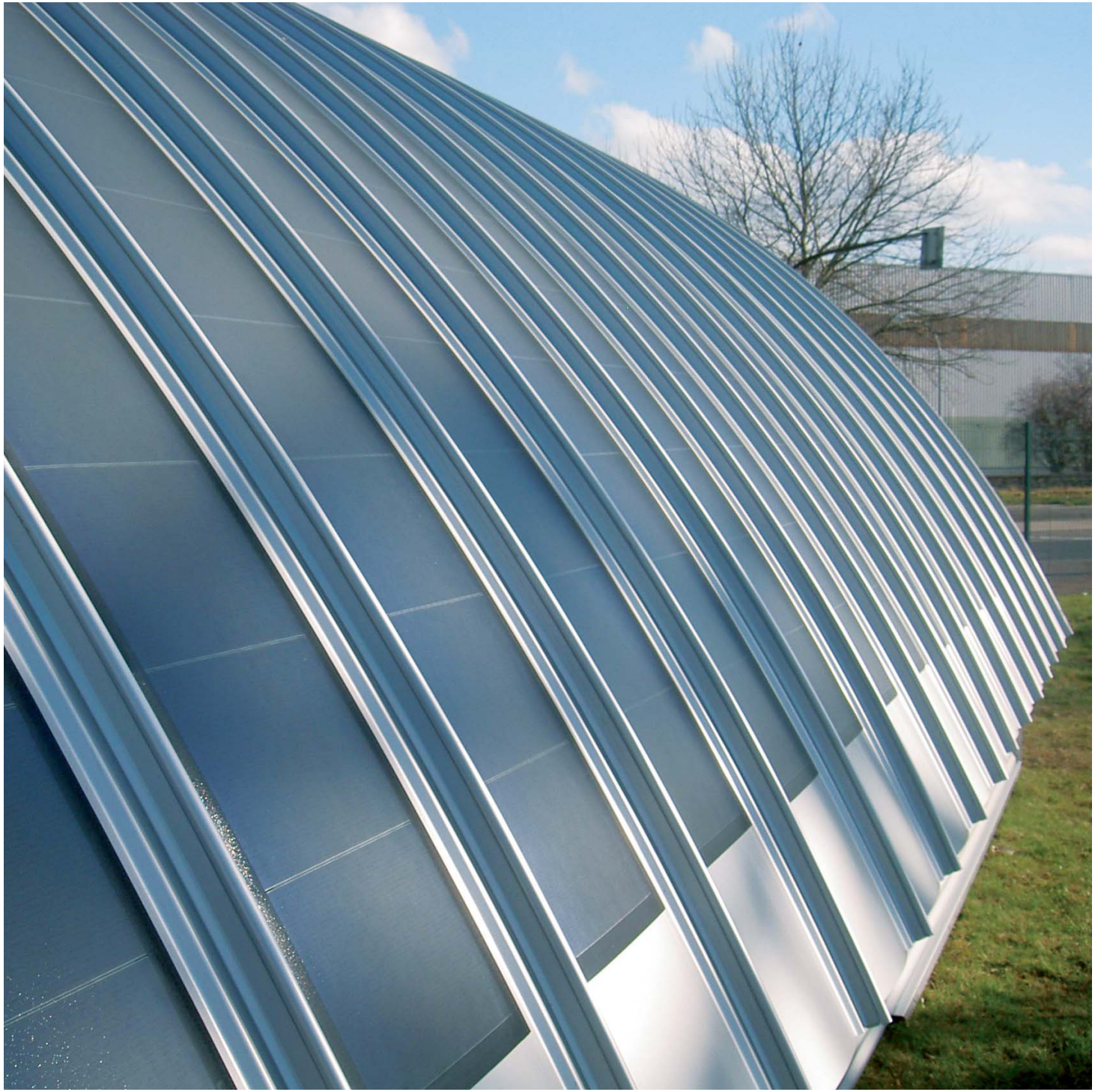

solarcentury

91-94 Lower Marsh
Waterloo
London SE1 7AB
T +44(0)20 7803 0100
F +44(0)20 7803 0101
www.solarcentury.co.uk
enquiries@solarcentury.co.uk

Kalzip AluPlusSolar

Kalzip AluPlusSolar		
Description	Kalzip with UNI-SOLAR **136** Wp* triple-junction thin film silicon	
Features	• Suitable for many metal roofing applications from innovative architectural designs to large industrial roofing • Simple, fast installation by Kalzip approved installers • Advanced triple-junction technology works well in low light conditions giving excellent performance in the UK's cloudy conditions • No glass so are lightweight and durable • Vandal resistant offering long lasting solutions • By-pass diodes are connected across each cell allowing them to produce power even when partially shaded • Fully building integrated solar solution • Suitable for low slopes (>3°) and curves (<R15m) • Corrosion-resistant, reusable and recyclable	
Annual kWh per kWp**	**800**	
Annual kWh per m^2	**45.6**	
Area per kWp (m^2)	2**6.9**	
Wp per m^2	5**0.6**	
Dimensions (mm)		
Kalzip AF65/537 aluminium pan [PVDF coating, polyester coating]		537 x **5486** (min)
PV		39**4** x **5486**
Cell efficiency	6.5%	
Applications	Low pitch and vertical cladding on new build and refurbishment projects	
Warranties	Manufacturer power***	20 yrs
	Solar installation	2 yrs
Performance at standard test conditions****		
Maximum power		**136.**0 W
Open circuit voltage		**46.2** V
Short circuit current		**5.1** A
Maximum power voltage		**30.8** V
Maximum power current		3.**42** A
Maximum system voltage		600 V DC
Certification		IEC 61646 CE compliant

Kalzip roofing solutions are fully Part L compliant

* **Half** length available, 39**4**mm x **2849**mm - **6**8 Wp
** Based on real project data from the UK
*** Power guaranteed at 80% minimum power
**** International standard test conditions 1000 W/m^2, 25°C, AM 1.5