

 SunStyle®

SunStyle®
The future of roofing is
solar





FEATURES

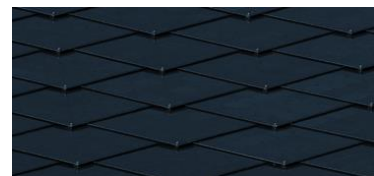
Size	870 mm x 870 mm x 7 mm
Glass	6 mm textured high transmission solar glass (ESG)
Cells	Monocrystalline silicon PERC
Structure	Glass EVA Cell EVA Backsheet
Connector	PV4-S / MC4
Weight	Tile alone : 13 kg/tile System : 20 to 23 kg/m ² (Tiles and fixings)
Operating temp.	-40°C to +85°C (-40F to 185°F)
Power Capacity	128 to 171 Wp/m ² depending on the color

QUALITY AND GUARANTEES

Mechanical warranty	10 years
Performance guarantee	10 years at 90% of initial power 25 years at 80% of initial power
Certification	IEC 61215 - IEC 61730 Technical Appraisal CSTB (21/20-70_V2 + 21/21-77_V2)
Fire Resistance	Broof(t1) & Broof(t3)
Hail Resistance	Hailstones ø50mm HW5
Maximum upward load (wind)	with wind hooks 2 164 Pa (Normal) 3 787 Pa (Extreme) without 1 303 Pa (Normal) 2 280 Pa (Extrême)
Maximum downward load (snow) with snow laths	7 777 Pa (Normal) 13 609 Pa (Extreme)
Accessibility	Walkable for installation and maintenance
Waterproofing conditions	Slope between 10° and 60° with roof underlayment

ELECTICAL FEATURES STC (1000 W/m², 25°C, AM 1,5)

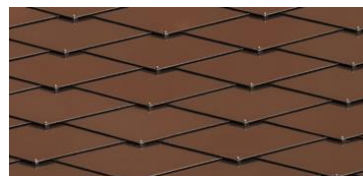
Color	BLACK	SILVER	TERRACOTTA
Nominal power	115 Wc	85 Wc	85 Wc
Tolerance of nominal power	± 6 Wc	± 8 Wc	± 8 Wc
Voltage V_{mpp}	12.9 V	13.7 V	13.7 V
Current I_{mpp}	8.8 A	6.5 A	6.5 A
Open circuit voltage Voc	16.5 V	16.5 V	16.5 V
Short circuit current I_{sc}	9.3 A	7.0 A	7.0 A
Maximum system voltage	1000 V _{DC}	1000 V _{DC}	1000 V _{DC}
Maximum return current	15 A	15 A	15 A
α_T (P_{mpp})	-0.38 %/K	-0.39 %/K	-0.40 %/K
α_T (Voc)	-0.27 %/K	-0.29 %/K	-0.29 %/K
α_T (I_{sc})	0.038 %/K	0.037 %/K	0.026 %/K



Black - RAL 9005



Silver - RAL 9006



Terracotta - RAL 8004



BIM OBJECT AVAILABLE ON THE [BIMOBJECT PLATFORM](#).

