



Solrif BC Full Black

Premium-Design
Hail Class 5
445 Wc

Solrif BC Full Black by Activ'Glass is the most powerful module using the patented Swiss system from Ernst Schweizer AG. This integrated rooftop photovoltaic solution combines aesthetics, energy performance, and durability.

Easy and quick to install, this solar tile is suitable for both full and partial roofs. The system offers bypass options for skylights, dormer windows, chimneys, and other obstacles. Additionally, dummy panels are available to fit various roof shapes.

The **BC Full Black series** features the latest IBC back-contact cell technology, with no visible ribbons, creating a completely black and matte surface. Each cell appears uniformly black from both near and far, enhancing the building's architecture.

See the Frequently
Asked Questions
FAQ's



- Cell Technology: Back-contact
- 132 Half-cut Mono-Si Cells
- Fully Black – No Visible Lines
- N-Type IBC 166 x 83 mm
- 445Wp – Eff. 23,4%
- 4 mm Tempered Glass – Ultra Robust
- Hail Resistance Class 5 – VKF Certified

World-class technology assembled
in Switzerland by

Schweizer

Solrif BC Full Black



Technical Specifications *₁

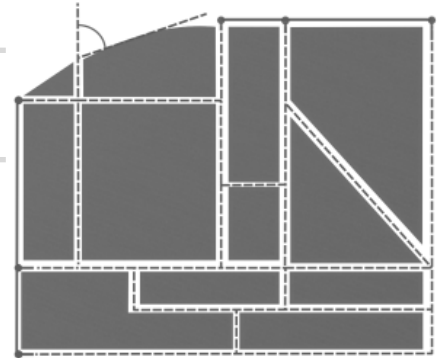
Color	Mat black - No visible ribbon	
Product Reference	Large BBC B-SR-BL 440	Large BBC B-SR-BL 445
Efficiency (n) * ₂	23,1%	23,4%
Nominal Power, Wp (Average)	440 Wp 0~+5 (445Wp)	445 Wp 0~+5 (450Wp)
MPP Voltage, Vmpp	40,79 V	40,92 V
MPP Current, Impp	10,79 A	10,86 A
Open-Circuit Voltage, Voc	47,39 V	47,52 V
Short-Circuit Current (Isc) Isc	11,61 A	11,68 A

Number of Cells	132 half-cut
Maximum System Voltage	1500V DC IP68
Cables & Connectors	Double Insulation Class II - Cables 4 mm ² x 1,2m. Original connectors MC4/PV4
Temperature Coefficients	Tk Voltage -0,246%/K Tk Current +0,046%/K Tk Power -0,290%/K
Warranties Product Warranty Efficiency warranty	30 years 30 years - linear (90%)

Mechanical Properties

Dummy panels available: 1/1, 1/2, 1/3 & customized

Type	Dimensions mm	Weight kg	Frame Type	Composition	Mechanical resistance in Pa * ₃
Large BBC B-SR-BL	With frame: 1920 x 1065 x 17 Active glass (net): 1860 x 1023 x 5,2 Full glass (gross): 1870 x 1033 x 5,2	21	Solrif N	Front side - soft patterned extra-clair 4mm glass, fully tempered (ESG), Back sheet black/white	7400



HW5 according to VKF - Test specification #25 - PV modules V1.03
see: <https://www.hagelregister.ch/>

Tested by:

SUPSI



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Our PV laminate uses Solrif, a patented system certified by TÜV, the Deutsche Institut für Bautechnik, and CSTB.

Packing info: 34 pcs/pallet - pallet size (lwh) : 192 x 102 x 108 cm - 900 kg - 22pcs/FTL

The PV laminate is manufactured in China with quality control by Activ'Glass / Issol Schweiz AG. The Solrif® frame is assembled at Ernst Schweizer AG in Hedingen (Zurich). The tile design complies with EN-12543, EN-572-5, EN-12150-1, EN-1863-1, IEC 61215, and IEC 61730 standards. Pendulum test according to EN 12600. Framed in Switzerland.

*₁ Measured under standard test conditions: **1000 W/m² irradiation, AM1.5 spectrum, and 25°C cell temperature**. Power tolerances +5Wp. Specifications are subject to change without notice. For installations outside standard specifications or for custom-cut pieces, please contact **Activ'Glass**.

*₂ Based on the net glass area (active glass surface)

*₃ According to the instructions of the Solrif system – with 3 horizontal battens



IEC 61215
IEC 61730
Regular Production
Surveillance



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FRAME PROTECTED BY PATENT
DESIGNED AND ASSEMBLED IN SWITZERLAND