

ertex^{solar}

Energy Meets Architecture



The best of Solar Architecture!

Solutions to meet every expectation

Ertext Solar puts unrivaled know-how at your service to transform the building envelope into an active, energy-producing surface, without aesthetic compromise.

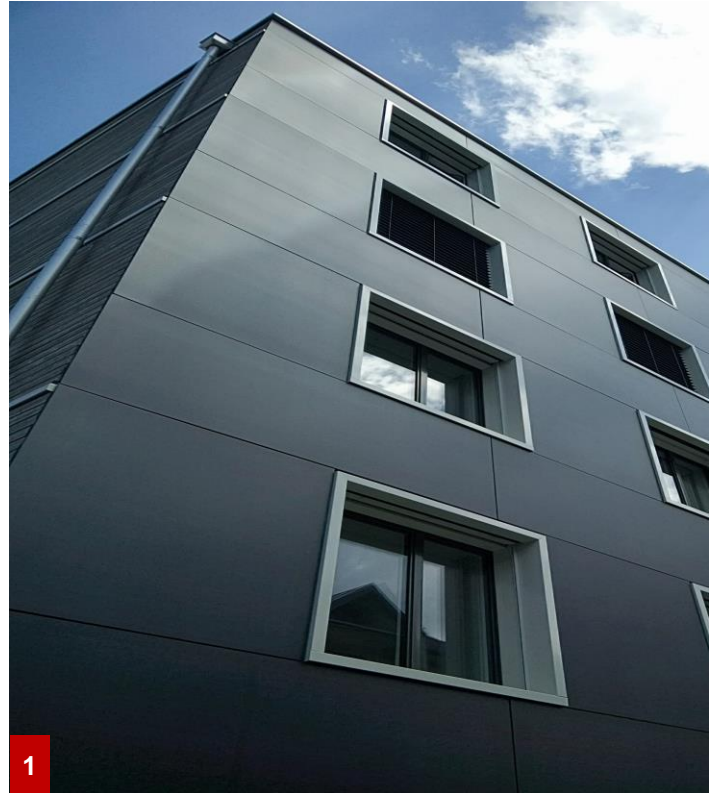
We are convinced that the building, in particular its envelope, is at the forefront of energy transition and the evolutions in our way of living and working, Ertext Solar is therefore working alongside its customers to build the building of tomorrow, a building that produces its own energy.

The proposed solutions give new functionalities to the facade, or more generally to the building envelope, by integrating photovoltaic elements, producers of renewable energy.

Ertext Solar combines photovoltaics and aesthetics, to make these active solutions new opportunities for architectural design.

Combining its module design competencies with the engineering capabilities of its sister company ActivSkeen, Ertext Solar can offer a single point of contact during the entire project. The multidisciplinary teams of ActivSkeen are involved in the engineering of photovoltaic production systems on facades and roofs, in the design of solutions and in the installation of systems. The interfaces are simplified, from the first sketch to the installation start-up.

Whether it is a facade, a brise-soleil, a skylight of several thousand square meters, a parking canopy, a pedestrian area or a simple installation on the roof we will bring you a solution.



With production capabilities and certifications unique in Europe, Ertext Solar can meet the most demanding expectations and produce facade panels up to 5.1 mx 2.4 m and 1,600 Wp of power.

In addition to the entirely custom-made panel production services, the “unik” range, Ertext Solar offers “semi-custom” product lines that meet the architectural expectations of many projects:

horizon, a complete semi-transparent range used for the production of curtain walls, double skin or photovoltaic canopies,

design black, facade panels that combine the elegance of black and photovoltaic power,

design color, colorful photovoltaic cladding systems which leverage the state-of-the-art glass coloring technologies, including photonic nanoparticles,

unik, tailor-made for projects that are ... unique



Our photovoltaic solutions can be likened to a laminated safety glass inside which photovoltaic elements have been integrated. They meet the same standards as laminated safety glass in construction. The solutions can therefore be integrated into any surface of the building envelope.

The benefits associated with Ertex Solar solutions are:

- > An aesthetic signature of the building and the materialization of an environmental strategy,
- > In-situ production of carbon-free energy which can cover in some cases up to 100% of the electrical need,
- > A contribution to ZEB type objectives and to LEED, BREEAM, HQE and other certifications,
- > Self-financing of the solutions by monetizing the electricity produced.

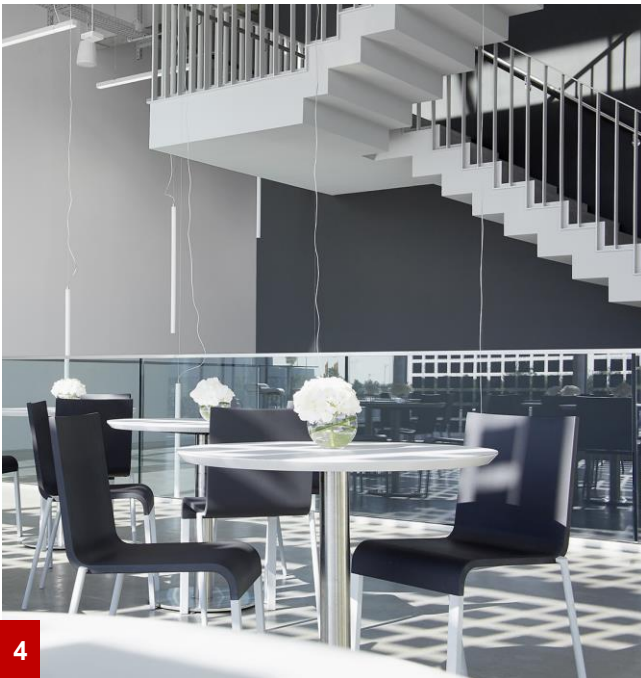
Beyond transforming any area of the building envelope into an energy-producing surface, Ertex Solar solutions contribute to improve occupant comfort and reduce energy needs.

Judiciously positioned in a curtain wall, a double skin or a canopy, the photovoltaic cells will not only produce electricity but also act like thousands of mini sunshades.

On the one hand, the solutions will allow natural light to penetrate, while controlling glare and transmitted heat, for better comfort for the occupants.

On the other hand, under a canopy , typically 20% to 25% of the air conditioning loads can be eliminated by optimizing the layout of the cells.





Solutions can be supplied in single, double and triple glazing to meet the building's thermal performance objectives.

Adjusting the cell coverage rate will allow to optimize the solar factor and find the best compromise between access to daylight and thermal performance of glazing.

High performance coatings can also be used in the assembly of double or triple glazing to reinforce the intrinsic characteristics of photovoltaic glazing.

Interlayers with high acoustic performance or anti-intrusion properties can complete the system.

There are countless possibilities for integration into the building envelope, Ertex Solar will share with you the experience accumulated on hundreds of projects around the world.

Meeting the strictest standards for laminated safety glass, our solutions can be integrated into all building surfaces, facades, curtain walls, canopies, guard rails, etc.


Our solutions have been deployed into hundreds of buildings around the world, including towers, office buildings, shopping malls, collective housing, infrastructure, museums and convention centers.

These projects, carried out in a wide variety of climatic environments, have demonstrated the high level of reliability of our solutions, resulting both from the choice of materials used and from our industrial know-how.




2


ACTIVSKEEN



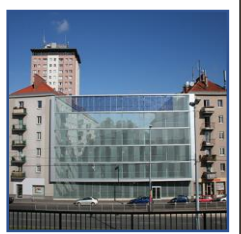
Skylights




Roofing




Canopies




Sound walls



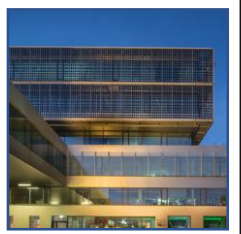
Balconies




Spandrels




Ventilated façades



Curtain walls

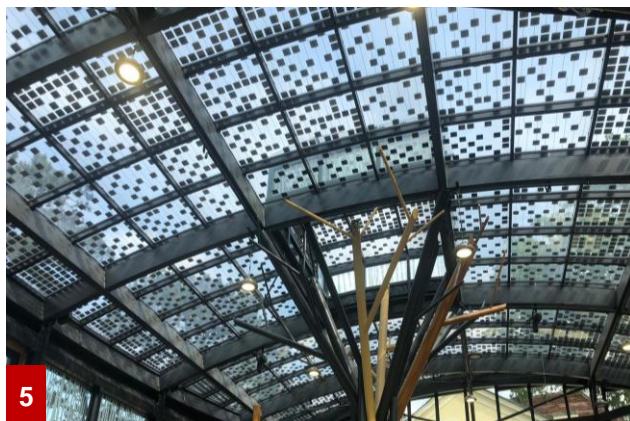


Brises soleil



Walkable floors

1



- 1 – field of possibilities
- 2 – Power Tower Energy, Linz, Autriche, Architecte : Prof Kaufmann & Partner ZT-GmbH
- 3 – Reference map
- 4 – Fondation Pierre Arnault, Lens, Suisse, Architecte : Jean-Pierre Emery © Rainer Sohlbank
- 5 – Schönbrunn zoological garden, Vienne, Autriche, Architecte : Peter Hartmann
- 6 – Hellweg Parkplatz Überdachung, Autriche, Architecte : DI Pamela Rawnsley GmbH
- 7 – musée des Confluences, Lyon, France, Architecte : Coop Himmelb(l)au

With our sister company ActivSkeen, we are convinced that value is created by taking a holistic view of a project, attaching equal importance to construction challenges and asset life management, our approach is therefore resolutely multi-disciplinary.

Activskeen specialists combine a thorough knowledge of the materials deployed, an in depth understanding of energy modelling, labels and norms, photovoltaic systems, façade and installation solutions.

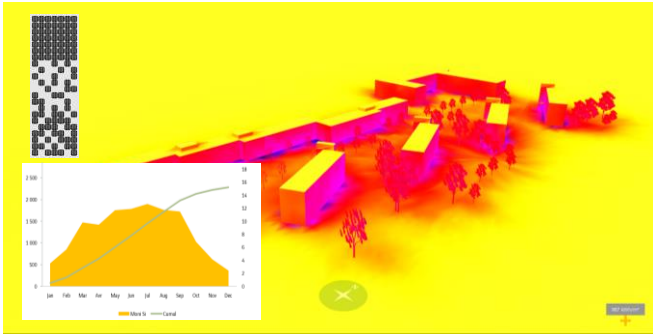
They support architects, developers, general contractors, engineering teams to realize their vision and create the envelope of tomorrow's building. We can either assist them on a one-off basis, or through their entire project for a seamless integration of active solutions, whether for new build or renovation work.

Their design office leverages the most advanced simulation and modeling tools to optimize the benefits of the proposed solutions.

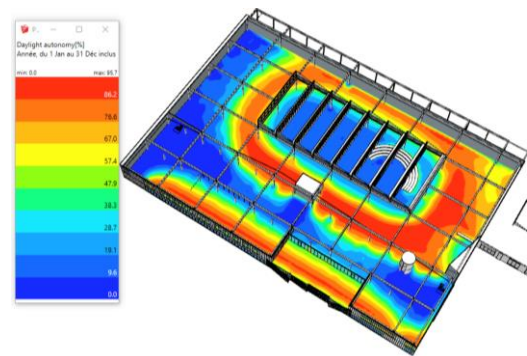
Modeling capabilities include:

- Photovoltaic production estimates
- Daylight factor analysis (FLJ),
- Spatial luminous autonomy analysis (sDA)
- Glare-related discomfort studies (ASE, DGP),
- Dynamic modeling of electrochromic glazing
- Thermal and energy building modeling (STD, SED)
- Simulation of usage scenarios
- Energy balance modeling

Photovoltaic engineering



Interior comfort and solar control strategy



ESQUISSES

- Technologies review
- 3D modeling
- Irradiance analysis
- Production estimate
- Shading analysis
- Opportunity analysis
- Renderings

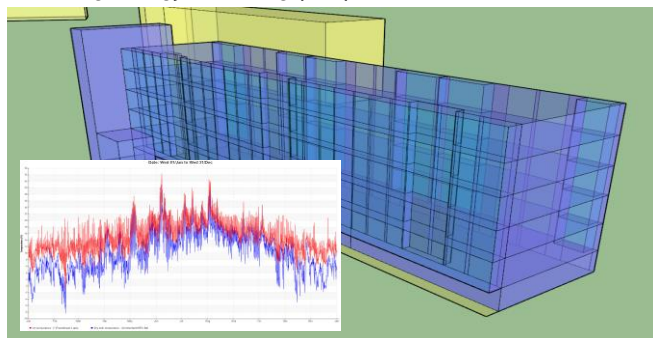
CONCEPT DESIGN

- 3D detailed modeling
- Production simulation
- Daylight / glare analysis
- Energy performance
- Technologies selection
- General layout
- Budget estimates

ACTIVSKEEN ESQUISSES CONCEPT DESIGN

ACTIVSKEEN

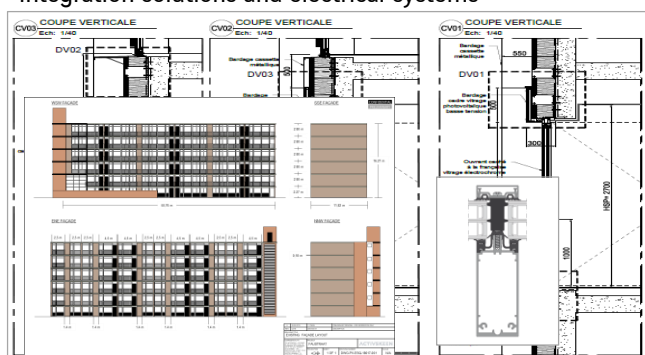
Building Energy modeling (SED)



Installation



Integration solutions and electrical systems



DETAILED DESIGN

- \ Mockups
- \ Specifications
- \ Technical drawings
- \ Datasheets
- \ Production schedule
- \ Certifications & tests
- \ Plannings

PREPARATION

- \ Materials production
- \ Equipments sourcing
- \ Suppliers selection
- \ Contracts specifications
- \ Tests & certifications
- \ Logistics & onsite supply
- \ QHSE plan

INSTALLATION

- \ On-site supervision
- \ Follow-up & reporting
- \ Active elements instal.
- \ Electrical systems instal.
- \ Monitoring system instal.
- \ Onsite pre-start tests
- \ QA/QC

STARTUP

- \ Commissioning
- \ Installation startup
- \ Handover
- \ Operation manual
- \ Maintenance manual
- \ As-built documents

DETAILED DESIGN

PREPARATION

INSTALLATION

STARTUP

À LA CARTE OR TURNKEY

Our know-how and production capabilities allow us to meet the most extreme architectural challenges. We capitalize on unparalleled experience and on a perfect mastery of building integrated photovoltaics systems for more conventional projects.

We will offer you the right solution with the same concern for perfection from iconic projects to office building, collective housing...

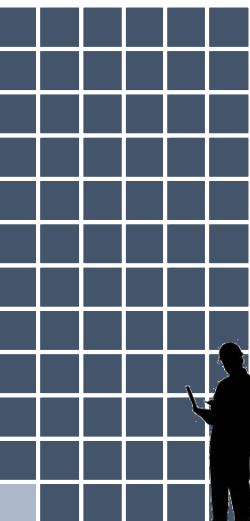
Whether you are moving towards tailor-made creations, from the **unik** range, or whether you plan to modules from our **horizon**, **black** or **color design** ranges, we will apply the same production standards and the same quality control to guarantee the highest levels of reliability that have made Ertex Solar successful for over 10 years.

If you choose the **unik** range, we can design panels for your project up to 5.1 mx 2.4 m, with power up to 1600 Wp. With such capabilities, it is very likely that we will be able to meet your expectations...



A wide product offer to meet the most varied architectural expectations

Max 5100 mm x 2400 mm



min 360 mm x 360 mm



unik,

*unlimited field of possibilities through
bespoke creations*

horizon

*to combine traditional
production*





ations:

on,

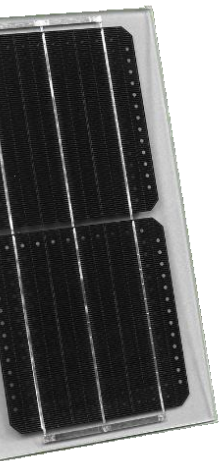
transparency and energy

design black,

high energy solution with a discreet
photovoltaic signature

design color,

an unmatched color palette to meet
your architectural challenges



horizon,

to combine transparency and renewable energy production

Ertext Solar horizon product line combines transparency and energy, in particular with our perforated cells which add elegance to integration.

Unlike many photovoltaic modules that use EVA (Ethyl Vinyl Acetate) as an encapsulant, we use PVB (Polybutyral Vinyl), a material traditionally used for laminated safety glass for its strength and durability. Our photovoltaic glazings meet the "Laminated safety glass" standards (in particular the standards EN ISO 12543, 14449 and 12600).

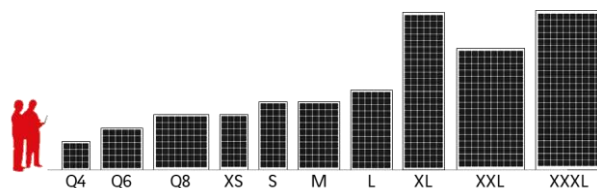
Our modules can be installed as standard laminated safety glass thus integrated in skylights, curtain walls, unitized systems, point fixing systems etc.



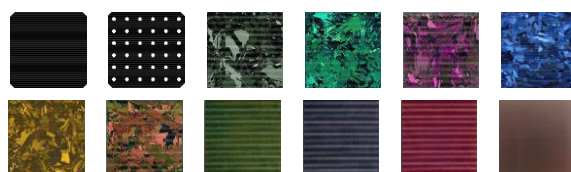
Architect: Arnold Wild © Christian Lord Otto

► We offer a wide range of choices to meet your challenges:

❶ Select your size



❷ Choose your cell type:



From left to right:

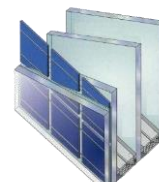
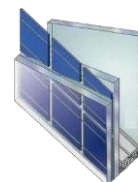
First line: Classic mono-Si, perforée, Stone, Green, Pink, Blue
Second line: Gold, Metallic, Forrest, Steel, Lavender, Brown

❸ Select your glazing composition:

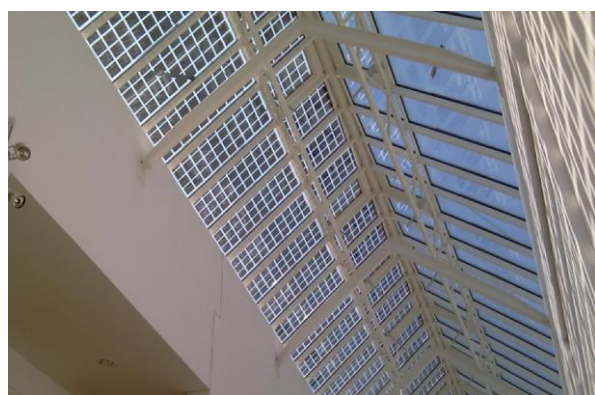
Simple

Double

Triple



Solar factor g : 0,19 à 0,23 depending on transparency
 U_g (W/m^2K) : 1,1 double pane 16 mm Argon
 U_g (W/m^2K) : 0,7 triple pane 2 x 12 mm Argon



► Modules characteristics*

Module size		Q4	Q6	Q8	XXS	XS	S	M	L	XL	XXL	XXXL
Module Length	mm	750	1100	1450	1450	1450	1800	1800	2100	4200	5100	5100
Module width	mm	750	1100	1450	380	750	750	1100	1100	1100	1100	1300
Module surface	m ²	0,56	1,21	2,10	0,55	1,09	1,35	1,98	2,31	4,62	5,61	6,63
Front glass thickness	mm	4	4	4	4	4	4	4	5	6	6	6
Rear glass thickness	mm	4	4	4	4	4	4	4	5	6	6	6
Module weight	kg	13	27	46	12	24	30	43	62	146	177	209
Number of cells	pcs	16	36	64	16	32	40	60	72	144	180	210
Transparency level	%	28	25	23	27	26	25	24	21	21	19	20

► Electrical data*

Module size		Q4	Q6	Q8	XXS	XS	S	M	L	XL	XXL	XXXL
Nominal Power (P _{nom})	Wp	75	169	300	75	150	188	282	330	644	805	939
Power per m ²	Wp/m ²	133	140	143	136	138	139	142	143	139	143	142
Short-Circuit Current (I _{sc})	A	8,67	8,67	8,67	8,67	8,67	8,67	8,67	8,47	8,26	8,26	8,26
Nominal Current (I _{mp})	A	8,24	8,24	8,24	8,24	8,24	8,24	8,24	8,04	7,85	7,85	7,85
Open-Circuit Voltage (V _{oc})	V	10,72	24,12	42,88	10,72	21,44	26,80	40,20	48,24	96,48	120,60	140,70
Nominal Voltage (V _{mp})	V	9,12	20,52	36,48	9,12	18,24	22,80	34,20	41,04	82,08	102,60	119,70
Voltage Temp Coefficient	%/°C	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28
Current Temp Coefficient	%/°C	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07
Power Temp Coefficient	%/°C	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32

* data under Standard Test Conditions (STC): 1000W/m² on the module area, module temperature 25°C and AM 1.5. – Power tolerance : -/+5 % data for 158.75 mm mono-Si cells (available H2 2020) – for 156.75 mm contact Ertex Solar (approx. -3% on power) - data subject to change without notice due to technological developments

► Operating conditions

Maximum system voltage	V	1 000
Maximum reverse current	A	15
Temperature range	°C	-40 to +85
Application Class	A as per IEC 61730	

Custom sizes, colors, thicknesses available on demand.
design product line is part of ertex solar VSG/ISO product range that encompasses laminated safety PV Glass, among others, horizon, design and unik product lines.

design black,

high energy solution with a discreet photovoltaic signature

Erte Solar **design black** product line enables integrating photovoltaics with elegance in facades, roofs, balconies, solar shading etc.

The range is available in different finishes to keep a discreet photovoltaic signature (black option) or to completely eliminate photovoltaics (full black and full black premium options).

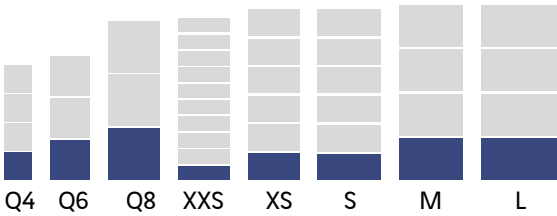


Erte Solar **design black** product line allows obtaining optimal powers, the photovoltaic cells, covered by an ultra-clear tempered glass, receive almost all of the solar energy.

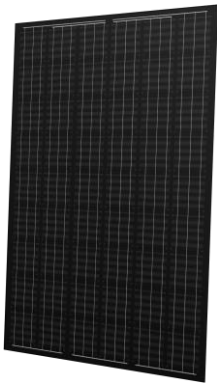


► We offer a wide range of choices for a smart signature of your active façade:

1 Select your size



2 Choose your aesthetic



Black



Full Black

Black: to keep a photovoltaic signature the ribbons and the connecting bus bars are left visible with a silver color

Full Black: the ribbons are blackened to give a uniform black color, the photovoltaics disappear. In full black the short side of the module integrates a black color to cover the connecting bus bars. In premium full black a four side frame provides an outstanding black aesthetics.

3 Choose your surface finish

Shiny



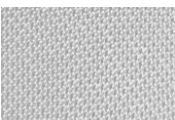
Glossy



Gritty



Coarse



► Modules characteristics

Module size		Q4	Q6	Q8	XXS	XS	S	M	L
Module Length	mm	720	1050	1370	1370	1370	1690	1690	2020
Module width	mm	720	1050	1370	370	690	690	1010	1010
Module surface	m ²	0,52	1,10	1,88	0,51	0,95	1,17	1,71	2,04
Front glass thickness	mm	4	4	4	4	4	4	4	4
Rear glass thickness	mm	4	4	4	4	4	4	4	4
Module weight	kg	12	24	41	11	21	26	37	44
Number of cells	pcs	16	36	64	16	32	40	60	72

► Electrical data*

Module size		Q4	Q6	Q8	XXS	XS	S	M	L
Nominal Power (P _{nom})	Wp	74	167	297	74	149	186	279	334
Power per m ²	Wp/m ²	143	152	158	147	157	159	163	164
Short-Circuit Current (I _{sc})	A	8,58	8,58	8,58	8,58	8,58	8,58	8,58	8,58
Nominal Current (I _{mpp})	A	8,15	8,15	8,15	8,15	8,15	8,15	8,15	8,15
Open-Circuit Voltage (V _{oc})	V	10,72	24,12	42,88	10,72	21,44	26,80	40,20	48,24
Nominal Voltage (V _{mpp})	V	9,12	20,52	36,48	9,12	18,24	22,80	34,20	41,04
Voltage Temp Coefficient	%/°C	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28
Current Temp Coefficient	%/°C	0,07	0,07	0,07	0,07	0,07	0,07	0,07	0,07
Power Temp Coefficient	%/°C	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32

* data under Standard Test Conditions (STC): 1000W/m² on the module area, module temperature 25°C and AM 1.5.– Power tolerance : -/+5 % data for gritty finish and 158.75 mm cells (available H2 2020) – for 156.75 mm contact Ertex Solar (approx. -3% on power) - data subject to change without notice due to technological developments

► Operating conditions

Maximum system voltage	V	1 000
Maximum reverse current	A	15
Temperature range	°C	-40 to +85
Application Class	A as per IEC 61730	

Custom sizes, colors, thicknesses available on demand.
design product line is part of ertex solar VSG product range that encompasses laminated safety PV Glass, among others, horizon, design and unik product lines.

design color,

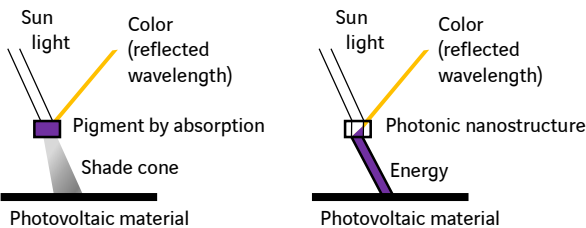
an unmatched color palette combining aesthetic and power to meet your architectural challenges

Ertext Solar design color product line offers a wide choice of dimensions, colors and aesthetic renderings to turn any opaque surface of the envelope into an energy production hub.

Ertext Solar capitalizes on screen or digital printing technologies to obtain matt colors. For metallic colors an exclusive photonic color technology, combining aesthetics and unequaled power, is used.

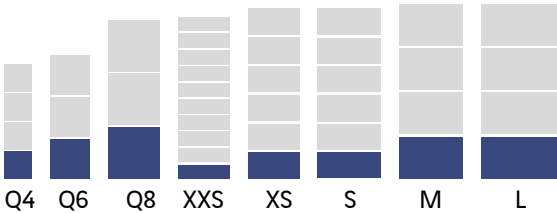
With a conventional pigment, the color is produced by absorption of the complementary colors, the light does not pass through the pigment causing a drop in photovoltaic power.

With a photonic nanostructure, the color is produced by interference on a structure of a dimension close to the wavelengths of the visible spectrum, the light passes through the structure except a reflected wavelength which creates the color



► We offer a wide range of choices to create your façade design:

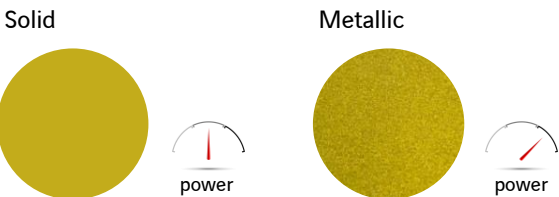
1 Select your size



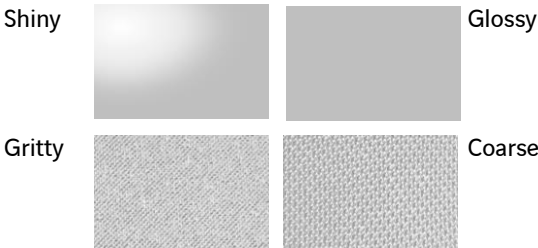
2 Choose your color



3 Choose your color grade



4 Choose your surface finish



► Modules characteristics

Module size		Q4	Q6	Q8	XXS	XS	S	M	L
Module Length	mm	720	1050	1370	1370	1370	1690	1690	2020
Module width	mm	720	1050	1370	370	690	690	1010	1010
Module surface	m ²	0,52	1,10	1,88	0,51	0,95	1,17	1,71	2,04
Front glass thickness	mm	4	4	4	4	4	4	4	4
Rear glass thickness	mm	4	4	4	4	4	4	4	4
Module weight	kg	12	24	41	11	21	26	37	44
Number of cells	pcs	16	36	64	16	32	40	60	72

► Electrical data*

Color (metallic)		Anthracite	Grey	Light Grey	Gold	Green	Terra Cotta	Blue
M Size [60 cells - 1690 mm x 1010 mm]								
Nominal Power (P _{nom})	Wp	266	250	227	223	253	226	263
Power per m ²	Wp/m ²	156	146	133	130	148	132	154
Short-Circuit Current (I _{sc})	A	8,18	7,69	7,00	6,85	7,79	6,95	8,08
Nominal Current (I _{mp})	A	7,77	7,31	6,65	6,51	7,40	6,60	7,68
Open-Circuit Voltage (V _{oc})	V	40,20	40,20	40,20	40,20	40,20	40,20	40,20
Nominal Voltage (V _{mp})	V	34,20	34,20	34,20	34,20	34,20	34,20	34,20
Voltage Temp Coefficient	%/°C	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28	-0,28
Current Temp Coefficient	%/°C	0,07	0,07	0,07	0,07	0,07	0,07	0,07
Power Temp Coefficient	%/°C	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32	-0,32
Other Sizes Nominal Power								
Q4 Size [16 cells]	Wp	71	67	61	59	67	60	70
Q6 Size [36 cells]	Wp	159	150	136	134	152	135	158
Q8 Size [64 cells]	Wp	283	266	242	237	270	241	280
XXS Size [16 cells]	Wp	71	67	61	59	67	60	70
XS Size [32 cells]	Wp	142	133	121	119	135	120	140
S Size [40 cells]	Wp	177	166	152	148	169	150	175
L Size [72 cells]	Wp	319	300	273	267	303	271	315

* data under Standard Test Conditions (STC): 1000W/m² on the module area, module temperature 25°C and AM 1.5.- Power tolerance : -/+5 % data for gritty finish and 158.75 mm cells (available H2 2020) - for 156.75 mm contact Ertex Solar (approx. -3% on power) - data subject to change without notice due to technological developments

► Operating conditions

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design product line is part of ertex solar VSG product range that encompasses laminated safety PV Glass, among others, horizon, design and unik product lines.

Our solutions meet both photovoltaic and building standards. The quality and reliability of our products is our first priority and more than 10 years of experience and projects carried out in the most extreme climatic environments are there to bear witness.

The level of certification held by Ertex Solar, unique in Europe, reflects the importance we place on quality, durability and reliability. It allows Ertex Solar to produce duly certified modules up to 1600 Wp and 5.1 m x 2.4 m.

- ISO 9001 Quality management system
- ISO 14001 Environmental management system
- OSHAS 18001 Health and Safety management system
- IEC 61215 PV modules crystalline silicon solar cells
- IEC 61730 Safety qualification for PV modules
- EN 12543 Glass in building - Laminated safety glass
- EN 14449 Glass in building - Evaluation of conformity
- EN 12600 Glass in building - Pendulum test

Impact tests
(1B1 according to
EN 12600)



Fire test
(B s1 d0 according
to EN 13501)

Profile Schüco SCC60

Thermal cycles (from -
40°C to +85°C), humid
environment (1000 hours
at 85°C and 85% RH)



ISO 9001
Quality

Certificate

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl
Via Cadriano, 23
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Number	KIP-077318/04	Replaces	KIP-077318/03
Issued	29/05/2017	First edition	31/05/2017
Report number	110202017	Expiry date	28/05/2018
Page	1 of 2	Contract number	KIP-077318/04

Product Certificate Photovoltaic

The products:

License holder: Ertex Solartechnik GmbH
Peter Mitterhofer Strasse 4,
D-82041 Gröden, Austria

Production site: Ertex Solartechnik GmbH
Peter Mitterhofer Strasse 4,
D-82041 Gröden, Austria

Models: Ertex VSG*; VSG EVO*; VSG EVO* (and extended models)*

as listed in this certificate and marked with the below Photovoltaic (PV) Panels, can be considered complying to the "TD Ki - 0409, Solar Products and Components" based upon Laboratory Testing of the panels, which are performed by an independent laboratory according to EN ISO/IEC 17025: 2005 – see annex-, using the following:

- IEC 61215:2005 / EN 61215:2005
Crystalline silicon terrestrial photovoltaic (PV) module approval
- IEC 61730-2:2012 / EN 61730-2/A1:2012
Photovoltaic (PV) module safety qualification – Rec

Remarks: To be used in plants at a maximum system voltage of 1000V (IEC 61730-2 / MST 23) was not performed.

Periodic Inspection of the Factory site(s), according to "TD Ki - 0409, Solar Products and Components":

- inspection of the manufacturing quality control and
- inspection of the produced panels and confirmation of the panels;
- periodic verification of the manufacturer test facilities

This certificate is issued in accordance with the Kiwa Cermet Italia n. 110202017.
Publication of the certificate is allowed.
The validity of this certificate is subject to the positive result of periodic inspection.

Chief Operating Officer
Giampiero Belcredi

Member of the IECCE CB-Scheme

ISO 14001
Environment



OSHAS 18001
Health and Safety



P-077318/03

/10/2011

/05/2022

P PV 060

Product Certificate Photovoltaic (PV) Panels

A-3300 Amstetten, Austria

A-3300 Amstetten, Austria

G EVO light*

given Kiwa Cermet Italia mark for
the Kiwa Cermet Italia Guideline
in the following aspects:
an accredited laboratory in accordance
with standards:

ules – Design qualification and type

quirements for testing
voltage (Voc at STC) up to 1000 Vdc; fire

i – 0409*, which includes:
production procedures;
that these are identical to the tested

s.

regulations.

dic surveillance visits.



SGQ N° 007A SSI N° 006G
SGA N° 010D FSM N° 004I
PRD N° 069B



Certificate

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta all'attività di
direzione e coordinamento di Kiwa Italia
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Product Certificate Photovoltaic (PV) Panels

Annex Extended models*

- Superstrate Glass: refer to the CDF nr. 110202017 rev.3.
- Substrate Glass: refer to the CDF nr. 110202017 rev.3
- Maximum module size: length 5100 mm, width 2400 mm.
- Maximum peak Power: 1600 Wp.
- Maximum system Voltage: 1000 V.
- Encapsulation material: refer to the CDF nr. 110202017 rev.3.
- Maximum number of cells per module: 360.
- Maximum number of cells per bypass diode: 24.
- Cells type: refer to the CDF nr. 110202017 rev.3.
- J-Box: refer to the CDF nr. 110202017 rev.3.
- By-pass diode type: refer to the CDF nr. 110202017 rev.3.
- Cables and connectors type: refer to the CDF nr. 110202017 rev.3
- Glass sizes and glass thicknesses may be varied, subject to meeting the glazing and building national standards, with a consideration to the imposed static and live loads.

Chief Operating Officer
Giampiero Belcreti

Laboratory test reports nr.: 2.04.00485.1.0; 2.04.00485.1.0a; 2.03.01170.1.0-2b; RPFV 064; RPFV 065; RPFV 066; RPFV 068; RPFV 069; RPFV 070; L121200064A-02 rev.0; L121200064B-02 rev.0; L130400986 rev.0; L140200609/a1 rev.0; L140200609/a2 rev.0; L140200609/b rev.0.

Additional information:

The models listed in the certificate are considered BiPV (Building Integrated Photovoltaic Module).
For the sizes, output power, number of cells and combination of the different components in the samples has been followed the following guide line: MCS 017 - Product Certification Scheme Requirements: Bespoke Building Integrated Photovoltaic Products, issue 1.1 (BiPV standard for the UK Market), due to the lack of a specific standard for BiPV products from the IEC.



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