



Certificate

Number	KIP-077318/04	Replaces	KIP-077318/03
Issued	29/05/2017	First edition	31/10/2011
Report number	110202017	Expiry date	28/05/2022
Page	1 of 2	Contract number	KIP PV 060

Product Certificate Photovoltaic (PV) Panels

The products:

License holder:	Ertex Solartechnik GmbH Peter Mitterhofer Strasse 4, A-3300 Amstetten, Austria
Production site:	Ertex Solartechnik GmbH Peter Mitterhofer Strasse 4, A-3300 Amstetten, Austria
Models:	Ertex VSG*; VSG EVO*; VSG EVO light* (and extended models)*

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

- IEC 61215:2005 / EN 61215:2005
Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
- IEC 61730-2:2012 / EN 61730-2/A1:2012
Photovoltaic (PV) module safety qualification – Requirements for testing

Remarks: To be used in plants at a maximum system voltage (Voc at STC) up to 1000 Vdc; fire test (IEC 61730-2 / MST 23) was not performed.

Periodic Inspection of the Factory site(s), according to "TD Ki – 0409", which includes:

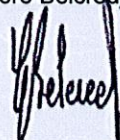
- inspection of the manufacturing quality control and production procedures;
- inspection of the produced panels and confirmation that these are identical to the tested panels;
- periodic verification of the manufacturer test facilities.

This certificate is issued in accordance with the Kiwa Cermet Italia regulations.

Publication of the certificate is allowed.

The validity of this certificate is subject to the positive result of periodic surveillance visits.

Chief Operating Officer
Giampiero Belcredj



Member of the IECCE CB-Scheme

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
40057 Granarolo dell'Emilia (BO)

Unità secondaria
Via Treviso 32/34
31020 San Vendemiano (TV)

Tel +39. 0438 411755

Fax +39.0438 22428

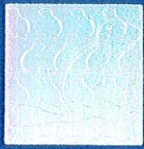
E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it



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



Number	KIP-077318/04	Replaces	KIP-077318/03
Issued	29/05/2017	First edition	31/10/2011
Report number	110202017	Expiry date	28/05/2022
Page	2 of 2	Contract number	KIP PV 060

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 Belcredi

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.

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
40057 Granarolo dell'Emilia (BO)

Unità secondaria

Via Treviso 32/34
31020 San Vendemiano (TV)

Tel +39. 0438 411755

Fax +39.0438 22428

E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it

Certificate