

TZ SOLAR

RANGE OF PROFILES FOR SOLAR INSTALLATIONS









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TZ Solar

About Kingspan | Teczone

SERVICE, QUALITY AND INNOVATION

KINGSPAN | TECZONE IS THE LEADING COMPANY IN THE STEEL TRANSFORMATION SECTOR FOR THE CONSTRUCTION AND INDUSTRIAL SECTOR; A COMPANY THAT SINCE THE 1980S DESIGNS, MANUFACTURES AND MARKETS EFFICIENT, INNOVATIVE, PROFITABLE AND ABSOLUTE QUALITY CONSTRUCTION SYSTEMS.

Service and customer commitment

Kingspan | Teczone's priority objective is to provide its customers with the best technical and commercial service and assistance in the market. Kingspan | Teczone has a professional, experienced, responsible and proactive human team, focused on providing personalized customer service.

Kingspan | Teczone's business policy is based on establishing lasting, long-term, high valueadded business relationships for its customers. Customer loyalty and absolute respect for distribution policies and sales channels are two of its hallmarks.

Kingspan | Teczonee has a production center in Burgos (Spain), which covers the national market and North Africa, and a logistics center in Pamiers (France), from where it provides service to central Europe.

Currently, Kingspan | Teczone has 18 state-ofthe-art flexible manufacturing lines, which provide it with a high production capacity, above that of its competitors.

This increased production capacity, added to the efficient management of its logistics processes, allows Kingspan | Teczone to meet the most demanding challenges posed by its customers.

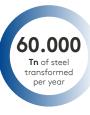




KINGSPAN | TECZONE IN FIGURES













Absolute quality commitment

The commitment to absolute quality is an essential part of the Kingspan | Teczone philosophy and is deeply rooted, at all levels, in the company. Kingspan's Comprehensive Quality Management System is audited and certified by AENOR and IQNet, in accordance with the ISO 9001 standard.

Kingspan | Teczone uses only certified quality structural steel sheet for the manufacture of its products, rolled by the leading European steel company in the sector, and implements strict quality control over the raw material, its production processes and its finished products.

Innovative solutions

With a strong vocation for innovation, Kingspan | Teczone's mission is to develop efficient, sustainable and profitable systems. It has a wide catalog of construction systems for the industrial, solar, industrial, residential, agricultural, and civil engineering sectors, providing a wide range of technologically advanced solutions to construction professionals. Kingspan | Teczone, as a multi-product manufacturer, can effectively optimize its production costs and logistics processes, providing its customers with extremely tight delivery times and the most competitive prices in the industry.







TZ SOLAR range

THE TZ SOLAR STRUCTURAL PROFILE SYSTEM HAS BEEN SPECIALLY DESIGNED FOR PHOTOVOLTAIC SOLAR INSTALLATIONS AND THERMAL SOLAR INSTALLATIONS; A WIDE RANGE OF PROFILES, WITH HIGH STRUCTURAL PERFORMANCE AND HIGH DURABILITY, CUSTOMIZABLE ACCORDING TO THE REQUIREMENTS OF EACH INSTALLATION.

The advantage of the TZ SOLAR range:



High durability, thanks to the Granite HDX® and Magnelis® anti-corrosion coatings, designed for applications in outdoor or corrosive environments and guaranteed by the manufacturer for 25 years.



High structural performance profiles, manufactured by cold forming of high quality and certified structural steel sheet S280GD Z275 or S350GD ZM310, with a guaranteed minimum yield strenght.



Wide and versatile range of structural profiles, with edges of up to 350 mm and thicknesses of up to 3 mm, and the possibility of customizing each profile, according to the technical requirements of each installation.

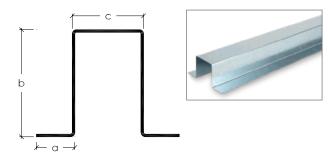


Total compatibility with the accessories and complements of habitual use in the structures for supports of solar installations (connectors, anchors, flanges, supports, fasteners, etc.)



Range of profiles

STRUCTURAL OMEGAS TZ



Standard lenght: 6 m.
Other thicknesses and lengths on request.

Applications:

Structural support for photovoltaic or thermal solar installations on roofs of residential or industrial buildings.

Crossbars and uprights for panel support in ground-based solar parks.

Structural support for solar installations located on facades.

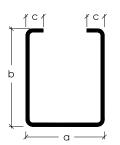
PROFILE	THICKNESS	MEASURES					
FROTILE	THICKNESS	а	ь	С			
OM 20x20x20	0.6 0.7	20	20	20			
OM 20x20x40	0.6 0.7	20	20	40			
OM 18x30x20	0.6 0.7 0.8 1.0 1.2 1.5	18	30	20			
OM 18x30x30	0.6 0.7 0.8 1.0 1.2 1.5	18	30	30			
OM 20x40x20	0.6 0.7 0.8 1.0 1.2 1.5	20	40	20			
OM 20x40x40	0.6 0.7 0.8 1.0 1.2 1.5	20	40	40			
OM 20x30x40	0.6 0.7 0.8 1.0 1.2 1.5	20	30	40			
OM 20x60x40	0.6 0.7 0.8 1.0 1.2 1.5	20	60	40			







GUÍAS TZ PERFORATED STRUTS





Standard lenght: 6 m.

Other thicknesses, measures and lengths on request. Possibility of punching of various diameters, slots of various dimensions and different punching patterns.

PROFILE THICKNESS	MEASURES				
PROFILE	IHICKNESS	а	ь	С	
41x21	1.5 2.0 2.5 3.0	41	21	Var.	
41x41	1.5 2.0 2.5 3.0	41	41	Var.	
41x62	1.5 2.0 2.5 3.0	41	62	Var.	
41x82	1.5 2.0 2.5 3.0	41	82	Var.	
28×30	1.5 2.0 2.5 3.0	28	30	Var.	
48×40	1.5 2.0 2.5 3.0	48	40	Var.	
37×37	1.5 2.0	37	37	10	
47×47	1.5 2.0	47	47	10	

Applications:

Sistemas de bastidores estructurales para soporte de placas fotovoltaicas en parques solares en tierra.

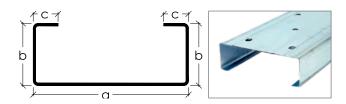
Estructuras secundarias para fijación de placas fotovoltaicas o colectores térmicos para instalaciones solares en cubiertas.







TZ-EC PURLINS C-SECTION



Maximum lenght: 18 m.

Other thicknesses, measures and lengths on request. Possibility of punching of various diameters, slots of various dimensions and different punching patterns.

PROFILE	THICKNESS	MEASURES			
PROFILE	THICKNESS	а	ь	С	
C 20/50/100/50/20	1.5 2.0 2.5 3.0	100	50	20	
C 20/50/125/50/20	1.5 2.0 2.5 3.0	125	50	20	
C 20/50/150/50/20	1.5 2.0 2.5 3.0	150	50	20	
C 20/50/175/50/20	1.5 2.0 2.5 3.0	175	50	20	
C 23/75/200/75/23	1.5 2.0 2.5 3.0	200	75	23	
C 23/75/225/75/23	1.5 2.0 2.5 3.0	225	75	23	
C 23/75/250/75/23	1.5 2.0 2.5 3.0	250	75	23	
C 23/75/275/75/23	1.5 2.0 2.5 3.0	275	75	23	
C 23/75/300/75/23	1.5 2.0 2.5 3.0	300	75	23	
C 23/75/325/75/23	1.5 2.0 2.5 3.0	325	75	23	
C 23/75/350/75/23	1.5 2.0 2.5 3.0	350	75	23	

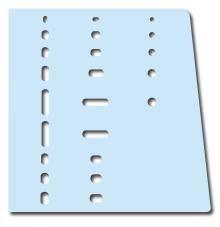
Applications:

Support structure for enclosures and solar installations on roofs or facades of industrial buildings.

Supporting structure to support photovoltaic panels in solar parks.

Purlins punching options:

Round	4, 7, 9, 12, 14, 16, 18, 19, 22, 25, 50 mm
Slotted	8x14, 8x50, 9x18, 12x30, 14x18, 14x20
(horizontal	14x30, 14x50, 16x23, 16x35, 17x23, 18x24
and vertical)	18x30, 21x28, 22x45, 25x50, 38x85 mm



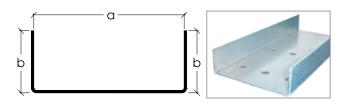
Customisation of the punch templates at any point along the purlin for execution of the points with flashing, strut securing and sag rods, etc.





TZ-EU PURLINS U-SECTION

TZ Solar



Maximum lenght: 18 m.

Other thicknesses, measures and lengths on request. Possibility of punching of various diameters, slots of various dimensions and different punching patterns.

PROFILE	THICKNESS	ME	ASURES	
PROFILE	ITICKINESS	a	ь	С
U 50/103/50	1.5 2.0 2.5 3.0	103	50	-
U 50/128/50	1.5 2.0 2.5 3.0	128	50	-
U 50/153/50	1.5 2.0 2.5 3.0	153	50	-
U 50/178/50	1.5 2.0 2.5 3.0	178	50	-
U 75/203/75	1.5 2.0 2.5 3.0	203	75	-
U 75/228/75	1.5 2.0 2.5 3.0	228	75	-
U 75/253/75	1.5 2.0 2.5 3.0	253	75	-
U 75/278/75	1.5 2.0 2.5 3.0	278	75	-
U 75/303/75	1.5 2.0 2.5 3.0	303	75	-
U 75/328/75	1.5 2.0 2.5 3.0	328	75	-
U 75/353/75	1.5 2.0 2.5 3.0	353	75	-

Applications:

Fixing element in support of solar installations on roofs or facades of industrial buildings.

Supporting structure to support photovoltaic sed solar parks.

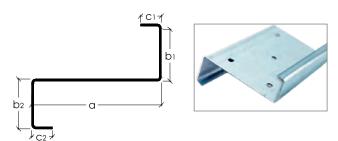
Purlin connections (sleeves).







TZ-EZ PURLINS Z-SECTION



Maximum lenght: 18 m. Other thicknesses, measures and lengths on request. Possibility of punching of various diameters, slots of various dimensions and different punching patterns.

PPOEII E	PROFILE THICKNESS	MEASURES				
PROFILE		а	b1	b2	c1	c2
Z 19/48/100/55/23	1.5 a 3.0	100	55	48	19	23
Z 19/48/125/55/23	1.5 a 3.0	125	55	48	19	23
Z 19/48/150/55/23	1.5 a 3.0	150	55	48	19	23
Z 19/48/175/55/23	1.5 a 3.0	175	55	48	19	23
Z 23/70/200/80/23	1.5 a 3.0	200	80	70	23	23
Z 23/70/225/80/23	1.5 a 3.0	225	80	70	23	23
Z 23/70/250/80/23	1.5 a 3.0	250	80	70	23	23
Z 23/70/275/80/23	1.5 a 3.0	275	80	70	23	23
Z 23/70/300/80/23	1.5 a 3.0	300	80	70	23	23
Z 23/70/325/80/23	1.5 a 3.0	325	80	70	23	23
Z 23/70/350/80/23	1.5 a 3.0	350	80	70	23	23

Applications:

Support structure for enclosures and solar installations on roofs or facades of industrial buildings.

Supporting structure to support photovoltaic panels in solar parks.







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Calidad Kingspan-Teczone

Quality management system **ISO 9001**





Certificado del Sistema de Gestión Ambiental



GA-2007/0617

ACYOR cortifica que la organización

TECZONE ESPAÑOLA, S.A.

dispone de un sistema de gestion ambiental conforme con la Norma ISO 14001:2015

La producción de chapas perfiladas en Inio y panales astantes para obiertas hachadas y remateria complementaria. La producción de perfiles igento para situajería y rischos. La producción de correas estructurales tipo C. 2 y U. La coneccialización de productos traslocidos para la iluminación natural.

que sa realiza/metr - Polígono Industrial GAMONAL CL/4 09007 - BURGOS

de primera emisión: e de última emisión: Fecha de expiración:



THE INTERNATIONAL CERTIFICATION NETWORK

AENOR has issued an IQNet recognized certificate that the organization:

TECZONE ESPAÑOLA, S.A.

Polígono Industrial GAMONAL, CL 4. 09007 - BURGOS

has implemented and maintains a

Quality Management System

for the following scope:

The production of profiled self-supporting roofing and wall products, sandwich panels with metallic faces and finishing complements.

The production of light gauge frame and ceilings systems, from metal sheet.
The production of purlins type C, Z and U.
The commercialization of complements of natural lighting.

which fulfills the requirements of the following standard

ISO 9001:2015

First issued on: 1999-08-01 Last issued: 2022-12-21 Validity date: 2025-12-21

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: ES-0416/1997

AENOR

Rafael GARCÍA MEIRO

IQNet Partners*;

AENOR Spain AFNOR Certification France APCER Portugal CCC Cyprus CISQ haly

CQC China CQM China CQS Czech Republic Cro Cert Croatia DQS Holding GmbH Germany EAGLE Certification Group USA

FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspecta Sertification by Finland INTECO Costa Rica

IRAM Argentina 1QA dpma RFQ Korea MIRTEC Greece MSZT Hinagan, Nemko AS Normay, NSAI heliand

NTCE-SIGE Mexo PCED Foliand Quality Austria Austria RR Russia Sil forael SiQ Shortenia

SIRIM QAS International Moligasis SQS Sustreardinal SIAC Romania TEST SI Petersburg Russia TSE Turkey YQS Serbia

list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com



Health and Safety Management System ISO 45001





Certificado del Sistema de Gestión Seguridad y Salud en el Trabajo



SST-0173/2007

ACYOR cortifica que la organización

TECZONE ESPAÑOLA, S.A.

dispone de un sistema de gestion de Seguridad y Saludien el Trabajo conforme con la Norma ISO 45001-2018

para las actividades La producción de chapas perfiladas en foro y para les aslantes para cubiertas, factadas y remateria complementaria. La producción de parí les figeres y para afactulenta y fachos. La producción de corre as estructurales fipol. 2 y U. La comercialización de productos traslúcidos para la Euminación nectural.

− IQNet −

TAF ENAC

que se cadiza/n en: Poligono Industrial GAMONAL CL/ 4 09007 - BURGOS

le primera emision: de última emisión: echa de expiración:



CERTIFICATE

 $\textbf{AENOR} \ has \ is sued \ an \ IQNet \ recognized \ certificate \ that \ the \ organization:$

TECZONE ESPAÑOLA, S.A.

Polígono Industrial GAMONAL CL/ 4.

has implemented and maintains a

Occupational Health and Safety Management System

for the following scope:

The production of profiled self-supporting roofing and wall products, sandwich panels with metallic faces and finishing complements.

The production of light gauge frame and ceilings systems, from metal sheet.

The production of purlins type C, Z and U.

The commercialization of complements of natural lighting.

 $which {\it fulfills the requirements of the following standard}$

ISO 45001:2018

First issued on: 2021-03-24 Last issued: 2022-12-21 Validity date: 2025-12-21

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: ES-SST-0173/2007

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Rafael GARCÍA MEIRO Chief Executive Officer

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AYCE-SIGE Méciac PGEP Chinad Quality Austria Austria RR Russia SII Israel SIQ Soicenia
IQAS International Malaysia SQS Suitzerland SRAR Romania TEST SF Peterolong Russia TSE Jurney YUQS Serbia



AENOR Confía



Certificado del Sistema de Gestión Ambiental



GA-2007/0617

ABNOR certifica que la organización

TECZONE ESPAÑOLA, S.A.

dispone de un sistema de gestion ambiental conforme con la Norma ISO 14001:2015

para las actividades : La producción de chapas perificidas en trio y para les astantes para exibertas, hachadas y remateria complementaria. La producción de parlías ligar es ya a talquiería y tachos. La producción de curreas estructurales tipo C. Z y U. La comercialización de productos trasilocidos para la iluminación netural.

□Net

que sa realiza/h et: Polígono Industrial GAMONAL CL/ 4 09007 - BURGOS

Fecha de primera emisión: Fecha de última emisión: Fecha de expiración:



CERTIFICATE

AENOR has issued an IQNet recognized certificate that the organization:

TECZONE ESPAÑOLA, S.A.

Polígono Industrial GAMONAL CL/ 4. 09007 - BURGOS

has implemented and maintains a

Environmental Management System

for the following scope:

The production of profiled self-supporting roofing and wall products, sandwich panels with metallic faces and finishing complements.

The production of light gauge frame and ceilings systems, from metal sheet.
The production of purlins type C, Z and U.
The commercialization of complements of natural lighting.

which fulfills the requirements of the following standard

ISO 14001:2015

First issued on: 2007-12-21 Last issued: 2022-12-21 Validity date: 2025-12-21

This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document

Registration Number: ES-2007/0617

IQNet

AENOR

Rafael GARCÍA MEIRO Chief Executive Officer

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CQC China CQM China CQS Czech Republic Cro Cet Cootala DQS Holding GmbH Germany EAGLE Certification Group USA
FCAV Brazil FONDONORMA Venezuela ICONTEC Colombia Inspects Sertificiniti Oy Finland INTECO Costa Rica
IRM Appentina QAA Japan KPG Koree MIKTEC Greece MSZT Hinagony Nemko AS Norwaya NSAI Ireland
NYCE-SGIGE Mexico PGBF Poland Quality Assistia RR Russia SIL Brazel SQI Storent
SIRIM QAS International Malagingia SQS Sutternation SRAC Romanic TEST is Petersburg Russia TSE Turkey YUQS Serbia

* The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com





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