

UNI-SOLAR®

// EUROPEAN PARTNERS & PRODUCT SOLUTIONS

Global Headquarters
United Solar Ovonic LLC
2956 Waterview Drive
Rochester Hills, MI 48309
USA
Tel: +1.248.293.0440
Fax: +1.248.844.1214
Toll Free (USA): +1.800.528.0617
info@uni-solar.com

European Headquarters
United Solar Ovonic Europe SAS
Tour Albert 1er
65, avenue de Colmar
92507 Rueil-Malmaison Cedex
France
Tel: +33.1.74.70.46.24
Fax: +33.1.41.39.00.22
franceinfo@uni-solar.com

German Sales Office
United Solar Ovonic Europe GmbH
Robert-Koch-Strasse 50
55129 Mainz
Germany
Tel: +49.6131.240.40.400
Fax: +49.6131.240.40.499
europeinfo@uni-solar.com

Italian Sales Office
United Solar Ovonic Europe GmbH
Via Monte Baldo, 4
37069 Villafranca (VR)
Italy
Tel: +39.045.8600982
Fax: +39.045.8617738
italyinfo@uni-solar.com

Spanish Sales Office
United Solar Ovonic GmbH
Sucursal Spain
C/ Llull, 321-329
08019 Barcelona
Spain
Tel: +34 935530752
Fax: +34 935530753
spaininfo@uni-solar.com

www.uni-solar.com

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MEMBRANE

alwitra 

DIE DACHMARKE

www.alwitra.de
www.intemper.com

alwitra Flachdach-Systeme GmbH & Co.
Am Forst 1
54296 Trier, Germany
+49.651.91020
alwitra@alwitra.de



EVALON® Solar

EVALON® Solar is a high-performance single ply waterproofing membrane with fully laminated flexible and lightweight photovoltaic (PV) modules for multi-purpose roof covering which offers:

- reliable protection of buildings against precipitation and
- direct conversion of solar energy into electric power.

EVALON® Solar has won various international awards and is well-proven in more than 1.300 projects since 1999.



www.centrosolar.com

Centrosolar AG
Otto-Stadler-Strasse 23c
33100 Paderborn, Germany
+49.5251.500500
paderborn@centrosolar.com

Centrosolar Fotovoltaico Espana S.L.
Moll de Barcelona, s/n
Edifici Nord, 7a planta
08039 Barcelona
Spain
+34 93 3435048
info.espana@centrosolar.com

Centrosolar Italia S.R.L.
V.le del Lavoro 33
37036 S. Martino B.A. Verona, Italy
+39 045 8781225
info.italia@centrosolar.com



Centrosolar France SARL
Espace Europeen - 15 chemin di Saquin
Batiment G, 69130 Ecully, France
+33 4 69848210
info.france@centrosolar.com

Centrosolar Hellas Mepe
Ag. Alexandrou 57-59
17561 Paleo Faliro, Greece
+30 210 6228791
info.hellas@centrosolar.com

TF Membrane Professional

TF Membrane Professional - Made from thin-film cells of leading manufacturer UNI-SOLAR, in combination with market-renowned, tried and tested roofing membranes. System advantages: Efficient use of diffuse irradiation in spite of low roof angles and unfavorable orientation.

Belgium (Head Office)
Bergensesteenweg 32
B-1651 Lot, Belgium
+32.2.334.87.00
infobe@derbigum.com

Italy
Via Badini, 6
40057 Quarto inferiore di
Granarolo Emilia (BO), Italy
+39.051.76.88.28
infoit@derbigum.com

Germany
Industriepark Region Trier
Europa-Allee 3
54343 Föhren, Germany
0800.000.64.96
infode@derbigum.com

DERBIGUM®

the best for your roof

www.derbigum.com
www.derbisolar.com



DERBISOLAR®

DERBISOLAR is the result of the exclusive combination between a very long lasting roof membrane (DERBISOLAR BASE®) and amorphous photovoltaic cells produced by UNI-SOLAR.

DERBISOLAR produces energy thanks to flexible a-Si modules, which differentiate themselves from the rigid "crystalline" solar panels (c-Si). In real world conditions (poor light conditions, shadows or spotting), DERBISOLAR provides a better performance than crystalline panels.



www.edf-energies-nouvelles.com

EDF Energies Nouvelles
Coeur Defense - Immeuble 1 La Defense 4
90. esplanade du General de Gualle
92 933 Paris - La Defense Cedex - France
+33.0.1.40.90.23.00

EDF EN Italy
Via Abruzzi 25
00187 Roma
Italia
+39.064828101

EDF EN Greece
27A Kifissias Av
11523 Athens
Greece
+30.210.6462.079



Photovoltaic bitumen membrane by EDF Energies Nouvelles in partnership with SMAC: ExcelFlex Solar. Easily-installed photovoltaic membrane roofing, which produces economically viable energy from inexhaustible sources, helping to secure energy supplies going forward.

fatra

www.fatra.cz

Fatra a.s.
Tr. T. Bati 1541,
763 61
Napajedla,
Czech Republic
+420577502355
hstodulka@fatra.cz
ibenda@fatra.cz

FATRASOL

Fatrasol is a special TPO-based roof membrane with a photovoltaic and waterproofing function. Any flat or gently sloping roof may be covered by combining the standard available dimensions of Fatrasol models. The Fatrasol photovoltaic membrane is readily compatible with thermal insulation, creating a comprehensive roof waterproofing and thermal insulation system that both saves electricity and produces it from solar power.

**GENERAL
MEMBRANE**

www.generalsolarpv.com
www.generalmembrane.it

General Membrane S.p.A.
Via Venezia 28,
30022 Ceggia (Venice)
Italy
+39.0421.322000
info@generalsolarpv.com



GENERAL SOLAR PV

FERMIAMO L'ACQUA. CATTURIAMO IL SOLE.
STOPPING THE WATER. CATCHING THE SUN.

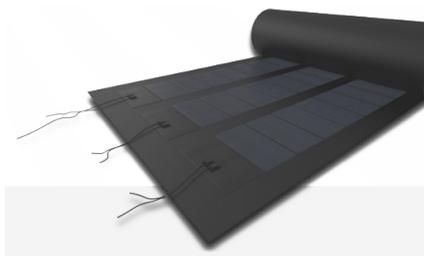
General Solar PV is the new range of bituminous photovoltaic waterproofing flexible membranes, capable of producing electric energy in both flat and sloped roofs. Waterproofing has, until now, been the mission pursued by General Membrane, whereas today this mission has been expanded: to utilize the sun.

MEMBRANE

giscosa[®]

www.giscosa.com

GISCOSA, S.A.
C/ Angel Guimerá, 31-33
08017 Barcelona
Spain
+34 902 112 007
dgascon@giscosa.com



rubbersun

RubberSun is a single-layer watertight EPDM rubber sheet with high-performance photovoltaic cells, integrated by thermofusion. Rubbersun is the enhancement of our traditional EPDM rubber membrane, giscolene 150, with amorphous silica photovoltaic sheets to capture and produce solar energy. It is a product with two functions, waterproofing and the production of clean energy.

IMPER ITALIA
SOCIETÀ PER AZIONI
impermeabilizza, protegge, ripristina

www.imper.it

Imper Italia Spa
Via Volta 8
Mappano Fraz. Borgaro (TO)
Italy
+39.011.225.499
combu2@imper.it
Responsible Fotovoltaico
Ing. Vincenzo Salvatore
salvadore@imper.it



DIVISION
RUBBER FUSE
IMPER ITALIA S.P.A.
synthetic waterproofing systems

UNI-SOLAR[®] Photovoltaic laminates on polyolefine TPO/FPA Imper Italia Sintofoil. These products have very high resistance to atmospheric agents, are flexible and easy to install, and produce energy from the sun.

parabel
ENDLESS ENERGY

www.parabel-solar.de
www.es.parabel-solar.de

Parabel AG
Holländerstraße 34
13047 Berlin / Germany
+49.0.30.481.601.0
kontakt@parabel-solar.de

Parabel Solar Iberica S.L.U.
Pau Claris 162-164
"Edificio Financia" 8º - 6º
08037 Barcelona, Spain
+34.93.467.30.53
mail@es.parabel-solar.de



UNITAPE

Flexible self-adhesive thin-film laminate for full-surface adhesion on bitumen, sheet metal and plasticizer-free foil roofing and other surfaces.

SOPREMA

www.soprema.fr
www.soprema.us
www.soprasolar.com

French Headquarters
14, rue de St-Nazaire
67025 Strasbourg
France
+33.388.798574
stlutz@soprema.fr

USA Headquarters
Soprema, Inc.
310 Quadral Drive
Wadsworth, OH 44281 USA
Tel: 1.330.334.0066
Toll Free: 1.800.356.3521



SOPRASOLAR

The SOPRASOLAR system is designed to produce electricity from sunlight while providing superior waterproofing protection through the use of photovoltaic cells and an unsurpassed SBS bitumen membrane. The flexible photovoltaic cells are fully-adhered to the cap sheet. This process has been developed by SOPREMA in partnership with UNI-SOLAR, the worldwide specialist in flexible photovoltaic cell technology, in order to ensure the best possible integration of the PV technology into the roofing system.

VAEPLAN

www.vaeplan.com

Hirler VAEPLAN GmbH
Augsfelder Straße 20
D-97437 Haßfurt
Germany
+49 - 9521 94970
vertrieb@vaeplan.de



The flexible PV VAEPLAN solar roofing system can be used on different roofs. It consists of the VAEPLAN solar roof covering, qualified as roof sealing for new buildings or roof renovations and the VAEPLAN solar component system for the application on existing roofs. VAEPLAN roofing membranes fulfill the high demands as integrated solar layer for solar moduls. Expertises from 1984 until 2009 proof the long term durability of more than 30 years.

WALZ
Erneuerbare Energien

www.walz-lich.de

Walz Headquarters
Hungener Str. 62
35423 Lich
Germany
+49.0.6404.9193.0
Walz Sales Office Bruchsal
Zeiloch 14
76646 Bruchsal
Germany
+49.0.7251.36715.0
Walz Energies Renovables SLU
C/del Herraaje 31, Nave 29
P3Norte - 35118 Arinaga, Spain
+34.928.183610
info@walz.es



PVL on FPO-membrane

WALZ Renewable Energies photovoltaic membrane is a solution for the production of energy oriented to the future. We assure our future through the innovation, reliability and technical perfection of our products and services.

METAL



www.clix.se

Clix Profile AB Steel
Gjuterigatan 8
57536 Eksjö
Sweden
020-25 35 45
info@clix.se



CLIX UNI-SOLAR panel based upon the successful and unique Clix cladding panel for the steel roof and façade system that combined with UNI-SOLAR PVL, thereby fixing the whole system in one piece directly in manufacture. CLIX has a unique fixing principle, it is therefore one of the most rational and easily fitted building plate systems on the market in the World.



www.aluform.de

Aluform System GmbH & Co. KG
Dresdener Straße 15
D - 02994 Bernsdorf
Germany
+49 (0) 35723 / 99-0
info@aluform.de



ALU SOLAR is the symbiosis of a long-lived aluminium standing seam profile and a light-weight, amorphous and integrated UNI-SOLAR PV-module.



www.edf-energies-nouvelles.com/

EDF Energies Nouvelles
Coeur Defense - Immeuble 1 La Defense 4
90. esplanade du General de Gualle
92 933 Paris - La Defense Cedex - France
+33.0.1.40.90.23.00

EDF EN Italy
Via Abruzzi 25
00187 Roma
Italy
+39.064828101

EDF EN Greece
27A Kifissias Av
11523 Athens
Greece
+30.210.6462.079



Steel photovoltaic product by EDF Energies Nouvelles. Easily-installed photovoltaic metal roofing, which produces economically viable energy from inexhaustible sources, helping to secure energy supplies going forward.



www.hc-systembau.de

HC-Systembau GmbH
Gebäudeintegrierte Erneuerbare Energien
Essener Straße 59
46047 Oberhausen
Germany
+49.208.8204.972
o.jonigk@hoesch-contecna.de



ThyssenKrupp Solartec
The photovoltaic roof and façade system

ThyssenKrupp Solartec is an innovative façade and roof system for the generation of solar energy. It is appropriate for detached house and multiple dwelling constructions as well as for industrial and commercial buildings.



SISTEMI DI COPERTURE METALLICHE

www.iscom.it
www.riverclack.com

ISCOM S.p.A.
Via Belvedere, 78
37026 Pescantina (VR), Italy
+39.045.7732177
cordioliluca@iscom.it



ELIOS DECK is made of UNI-SOLAR® photovoltaic laminates glued and mechanically seamed onto a metal support (the deck). In this way, the adherence of the PV laminate to the support is guaranteed for the whole duration of the photovoltaic module, even in extreme weather conditions.



www.kalzip.com

Kalzip GmbH
August-Horch-Strasse 20-22
56070 Koblenz, Germany
+49.261.98340
kalzip@corusgroup.com

Kalzip GmbH
14, rue de Saria - Serris
77706 Marne La Vallée, Cédex 4, France
+33.1.60435710
cbsfr@corusgroup.com

Kalzip GmbH
Calle Guatemala, 1
Bajos, 3 y 4
28016 Madrid, Spain
+34.913.430343
kalzip.spain@corusgroup.com



Kalzip GmbH
Via Treves, 21/23
20090 Trezzano sul Naviglio (MI), Italy
+39.02.95381307
giacomo.magnifico@corusgroup.com

Kalzip® AluPlusSolar Kalzip® Solarclad

Kalzip® AluPlusSolar is a roof integrated PV-system supplied with a profile width AF 65/537/1,0 mm in RAL 9006

Kalzip® SolarClad is a PV retrofit solution optimized for applies on metal standing seam roofs.



www.lrb-auma.de
www.bitu-sun.de

**LRB Industrie-
und Handelsgesellschaft für
Dachsysteme mbH**
Wüstenwetzdorfer Weg 16a,
07955 Auma
Germany
036626/29174
lrb.auma@t-online.de



The bitumen flat roof Sun-Solar System consists of a bitumen path as Support layer for flexible photovoltaic laminates for solar power generation. The bitumen sheet is a remediation path with high flexibility directly to the Bitumen Roofing stuck without mechanical fixing. The photovoltaic system is thus integrated into the roof.



www.ondulit.it

Italian Headquarters
Via Portuense 95/e
00153 Rome, Italy
+39.06.58330.880
alberto.andreoli@ondulit.it
info@ondulit.it

French Sales Office
F - 75116 Paris, France
33, Rue Galilée
+33.1.44.43.54.23
france@ondulit.com



Enercover

Ondulit has been specializing in metal roofing for over 55 years, developing an exclusive technology for multilayer protection of steel which ensures superior performances of the roof.

On curved structures, the flexibility of UNI-SOLAR laminates perfectly matches Ondulit roofing's shape, offering reliable Building Integrated Photovoltaic roofing for new or existing roofs.



www.parabel-solar.de
www.es.parabel-solar.de

Parabel AG
Holländerstraße 34
13047 Berlin / Germany
+49.0.30.481.601.0
kontakt@parabel-solar.de

Parabel Solar Iberica S.L.U.
Pau Claris 162-164
"Edificio Financia" 8º - 6º
08037 Barcelona, Spain
+34.93.467.30.53
mail@es.parabel-solar.de



UNIPLAT

Thin-film photovoltaic module, applied to aluminum-zinc plated steel sheeting, for direct mounting onto trapezoidal profiled metal roofing.



www.prefa.com

**PREFA Aluminiumprodukte
Ges.m.b.H**
Werkstraße 1
3182 Markt/Lilienfeld
Austria
+43.2762.502
office@prefa.at



PREFALZ® voltaik is an integrated photovoltaic solution for aluminum standing seam roofs, which unites the eco-friendly production of energy with aesthetic design. The photovoltaic laminate adapts to the shape of the roof area like a second skin. The exclusive shape of the standing seam roof is retained.

METAL



RHEINZINK

www.rheinzink.de
www.rheinzink.com

RHEINZINK GmbH & Co. KG
Bahnhofstrasse 90
45711 Datteln, Germany
+49.2363.6050
info@rheinzink.de

North American Headquarters
96F Commerce Way
Woburn, MA 01801 USA
1.781.729.0812
info@rheinzink.com

RHEINZINK Italia
Via de Gasperi, 9
37010 Costermano VR
Italy



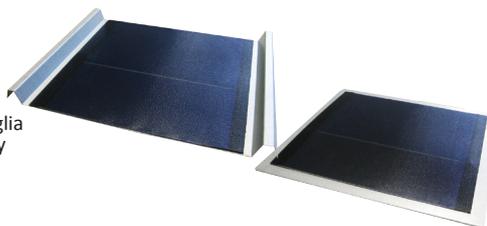
Solar PV Stehfalz & Solar PV Klick - Leiste

RHEINZINK Solar PV Stehfalz and Solar PV Klick-bar are the optimal combination of solar power generation and architectural design. Powerful *UNI-SOLAR*® laminates are fully integrated with RHEINZINK metal roofing panel profiles without additional fastening components. The result: aesthetically pleasing architecture and ecological energy extraction in one easy to install system.



www.sunergsolar.com

SUNERG Solar s.r.l.
Via Donnini, 51 - Loc. Cinquemiglia
06010 Città di Castello (PG), Italy
+39.075.854327
luciano@sunergsolar.com



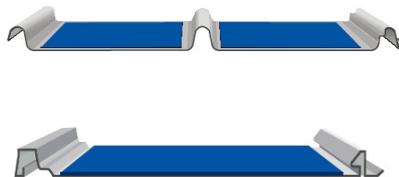
Sunerg offers several solutions: amorphous modules on flat sheet of steel-aluzink (PLATE), integrated modules in steel formed profiles -aluzink (ROOF), and modules integrated in insulated profiles (PC). These modules can be used as integrated roofing or over existing roofing and are particularly recommended for loft buildings, canopies and shelters.



www.unimetal.net

Unimetal S.p.A.
Via G. Giolitti, 92
12030 Torre San Giorgio CN, Italy
+39.0172.96155
unimetal@unimetal.net

Unimetal France
Grenoble - France
Rue De Champ Roman, 70
Z.I. St Martin d'Herés
00330608923819



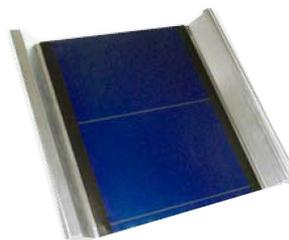
METAL SECTION FOR PHOTOVOLTAIC ROOFS

The metal section with high-tech photovoltaic laminates for all types of roofing is the most practical and aesthetically attractive system for the transformation of solar energy into "roof-wide" electrical power.



www.unit-e.fr

UNIT^e
2, rue Président Carnot
F-69293 LYON cedex 2
France
unit-e@unit-e.fr
+33.0.4.72.41.08.08



UNIT^e offers a range of aluminum roofing products, developed in collaboration with RIGIDAL SYSTEMS® and benefitting from the incorporation of *UNI-SOLAR*® photovoltaic laminates. These energy-producing products are perfect for the creation, restoration, or replacement of sloped or curved roofs and also can be applied to existing roofs.



www.walz-lich.de
www.walz.es

Walz Headquarters
Hungener Str. 62
35423 Lich
Germany
+49.0.6404.9193.0
Walz Sales Office Bruchsal
Zeiloch 14
76646 Bruchsal
Germany
+49.0.7251.36715.0
Walz Energies Renovables SLU
C/del Herraaje 31, Nave 29
P3Norte - 35118 Arinaga, Spain
+34.928.183610
info@walz.es



PVL on D-Bond plate for standing seam roofs

WALZ Renewable Energies photovoltaic metal plate is a solution for the production of energy oriented to the future. We assure our future through the innovation, reliability and technical perfection of our products and services.



www.centrosolar.com

Centrosolar AG
Otto-Stadler-Strasse 23c
33100 Paderborn, Germany
+49.5251.500500
paderborn@centrosolar.com

Centrosolar Fotovoltaica Espana S.L.
Moll de Barcelona, s/n
Edifici Nord, 7a planta
08039 Barcelona
Spain
+34 93 3435048
info.espana@centrosolar.com

Centrosolar Italia S.R.L.
V.le del Lavoro 33
37036 S. Martino B.A. Verona, Italy
+39 045 8781225
info.italia@centrosolar.com



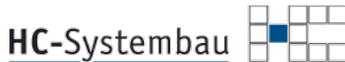
Centrosolar France SARL
Espace Europeen - 15 chemin di Saquin
Batiment G, 69130 Ecully, France
+33 4 69848210
info.france@centrosolar.com

Centrosolar Hellas Mepe
Ag. Alexandrou 57-59
17561 Paleo Faliro, Greece
+30 210 6228791
info.hellas@centrosolar.com

TF Multi Professional

TF Multi Professional, consisting of thin-film cells made by the leading manufacturer UNI-SOLAR®, applied to an aluminium plate canted by 11 degrees. The substructure for this lightweight system is an aluminium top-hat rail which can be mounted on every membrane roof with an innovative, patent pending buttstrap joint system. System advantage: Mounting system without requiring roof penetration in roofs with low load reserves.

INSULATED PANEL



www.hc-systembau.de

HC-Systembau GmbH
Gebäudeintegrierte Erneuerbare Energien
Essener Straße 59
46047 Oberhausen
Germany
+49.208.8204.972
o.jonigk@hoesch-contecna.de



ThyssenKrupp Solartec

The photovoltaic roof and façade system

ThyssenKrupp Solartec products include an innovative heat-insulating sandwich panel with integrated triple-junction solar cells for the generation of solar energy. It is appropriate for detached house and multiple dwelling constructions as well as for industrial and commercial buildings.



Kingspan Group plc
Dublin Road, Kingscourt, Co. Cavan, Ireland
+353 42 969 8000
admin@kingspan.ie

Kingspan GmbH **Kingspan a.s.**
Am Schornacker 2 Vazni 465
46485 Wesel 500 03 Hradec Kralove 3
Germany Ceska Republika
+49 (0)281 952500 + 420 495 866 111
www.kingspan.de www.kingspan.cz



Kingspan's Powerpanel is a fully-integrated complex power solution for buildings which combines the benefits of Kingspan insulating roof and photovoltaic electric energy generator. But first of all, it makes ecological responsibility and commercial profit meet. Powerpanel is mechanically fully compatible with the successful Kingspan insulated panel of RW series and is based on UNI-SOLAR PV laminate technology. With this solution, your roof is not just perfectly insulated but turns an active generator of green power.



www.marcegaglia.com

MARCEGAGLIA Buildtech Srl
Strada Roveri, 4
15068 Pozzolo Formigaro (AL), Italy
+39.0143.7761
solar@marcegaglia.com



Brollo Solar

Marcegaglia's photovoltaic panel, Brollo Solar, embodies innovative UNI-SOLAR® thin-film photovoltaic cells and Brollo panels and metal plates. Brollo Solar cuts production costs while yielding more energy, with better use of diffused light and less sensitivity to high temperatures compared to crystalline photovoltaic panels. Brollo Solar is especially suitable for industrial roofs, including those with low pitches.



www.teczone.es

Teczone
Pol Industrial Gamonal
Calle 4
09007 Burgos
Spain
+34 947 483 700
teczone@teczone.es



TECZONE has developed a number of constructive solutions, which incorporate thin film modules for the production of photovoltaic solar energy. These solutions, with the characteristics and quality that has always defined TECZONE, incorporate the best product on the market. The result is a unique aesthetic and technical integration, maximum performance and economic and energy efficiency for this type of solution.

SHINGLES



www.tegolacanadese.com
www.tegosolar.com

Tegola Canadese S.p.A.
Via dell'Industria, 21
31029 Vittorio Veneto (TV)
Italy
+39.0438.9111
info@tegolacanadese.com



TEGOSOLAR®

Tegosolar is a real "photovoltaic tile" born from Tegola partnerships between Tegola Canadese and UNI-SOLAR®. Tegosolar integrates perfectly with shingle roofs, combining the function of protection and waterproofing of the house with the production of renewable photovoltaic electricity.

REFERENCE INSTALLATIONS



Photo Courtesy of General Membrane

General Membrane, General Solar PV
Treviso, Italy
280 kWp



Solar Integrated Technologies
Moissy-Cramayel, France
446 kWp



Photo Courtesy of alwitra

alwitra - EVALON Solar
Barcelona, Spain
147 kWp



Solar Integrated Technologies
Laudun L'Audoise, France
1393 kWp



Photo Courtesy of Sunerg

Sunerg
Lunano, Italy
100 kWp



RHEINZINK
Heilbronn, Germany
5,6 kWp



Iscom & Green Utility
Rome, Italy
1400 kWp