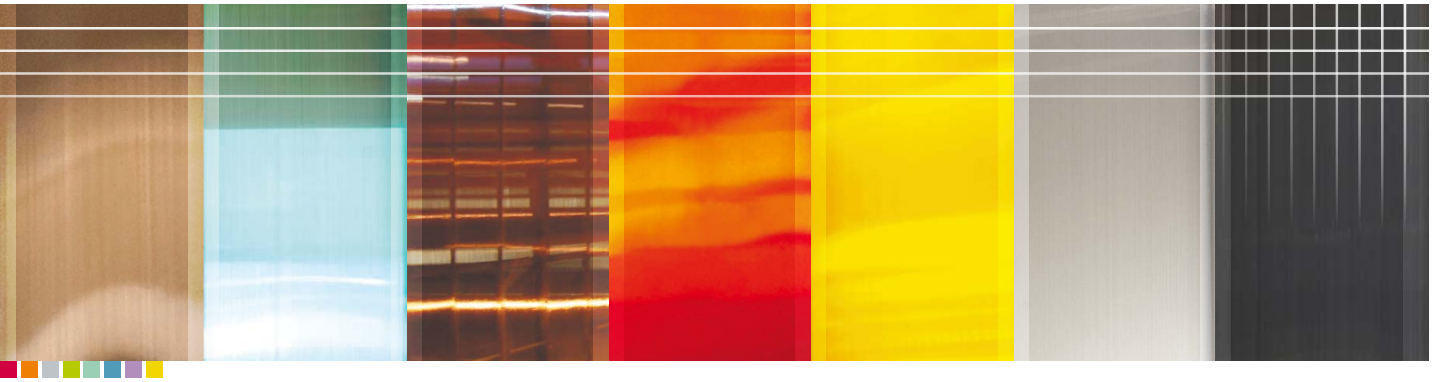
EVERLITE

Architecture Lumière

FACADE · VENTED RAINSCREEN · ROOFING · CANOPY · INTERIORS



LIGHTS
REFLECTIONS & COLOURS

INNOVATIVE SOLUTIONS

FOR OPTIMAL SOLAR AND HEAT COMFORT

SINCE 1987, OUR SOLUTIONS HAVE MAGNIFIED THE LIGHT

Innovative solutions
combining luminosity, heat insulation, solar comfort and creativity for all your facade, vented rainscreen, roofing, atrium, canopy, false ceiling and internal projects.

Zénith concert hall, Limoges (France),
Danpalon®,
Architect: Bernard Tschumi,
Installer: SMAC

© Photo: Bernard Tschumi Architect

THE SUN SHINES FOR ALL

The sun is for us an inexhaustible source of energy widely available at the surface of our planet. Source of life and wellbeing, we have always searched for solutions to capture its light and heat for our sustainability.

The current environmental and energy challenges urge us to take our thoughts and ideas to the next level. There are plenty of uses designed for human activity - natural light, heating, electricity production - in our homes, offices, gyms etc. But the sun also has its "dark side" which makes it necessary to limit its generous solar gain according to season, exposure and location, in order to reduce the expensive air conditioning usage.

This is the challenge of the years to come: to transform this wonderful light energy into our best ally by controlling all its aspects. A challenge surrounded by the thermal regulation advancements and conditioned by the new resulting obligations, which becomes the business of professionals in charge of the implementation and physical behaviour of products and systems proposed.

Present since 1987 on the French market, **EVERLITE CONCEPT** is an historic leader in natural light and heat insulation solutions. More than ever, the company will share its experience and expertise with the Architecture and Construction professionals throughout this new major step.

Back Covering: Sports hall, Guangzhou, Canton (China), Danpalon®,
Architects: Paul Andreu and Serge Carillion, Adpi Architects

TECHNICAL KNOW-HOW AND PROXIMITY

THE CORE FOCUS OF OUR STAFF IS TO HELP TURN YOUR VISION INTO REALITY

© Photodisc

- Our project engineers and sales force in your region will accompany you and will follow-up your projects, from their inception to completion.
- Our Design Office will assist and guide you in the implementation of the most suitable solution for your specific needs.
- Customised orders, reinforced packaging, accurate labelling and impeccable delivery – our order processing and preparation service only has one objective: your satisfaction.
- Support service: We will promptly respond and assist you in finding solutions for your on-site risks. Material warranty and implementation: We also commit ourselves to respect the deadlines.

KEY DATES

1980
Invention of the 1st patented connectable Danpalon® system.

1987
Creation of EVERLITE FRANCE and launch of the connectable system on the French market.

1988
Technical requirements book no. 1 and no. 4 drawn up in partnership with the SOCOTEC control office. EVERLITE CONCEPT conceptualises the implementation of E609 polycarbonate.

1989
Technical requirements book no. 5, 1st Danpalon® CPT validated by SOCOTEC for flat and curved cladding and roof coverings.

1996
1st CSTB technical evaluation documents delivered for polycarbonate covering systems. EVERLITE CONCEPT makes polycarbonate a standardised construction material in flat or curved zenith lighting.

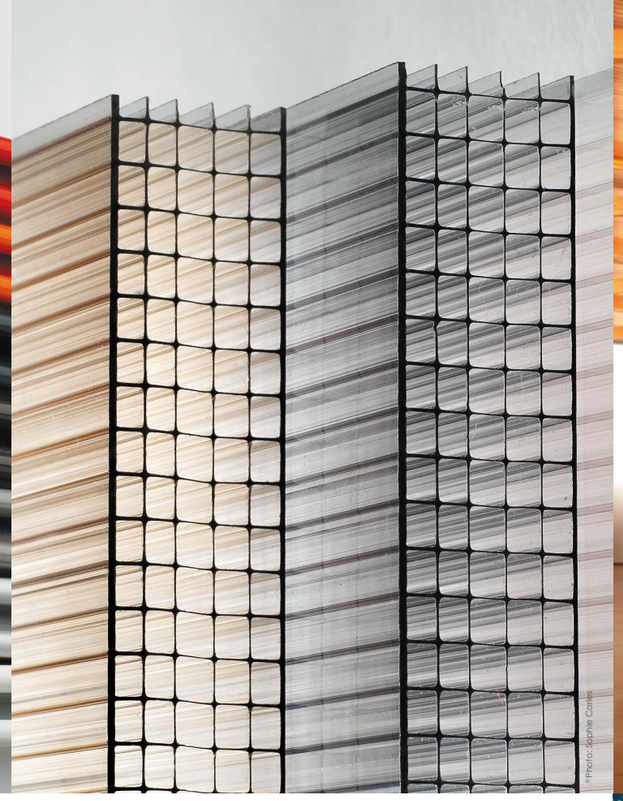
2002
Granting of the SOCOTEC certification for the Controlite® system, a unique concept of polycarbonate panels with built-in automatic sunshade.

2005
1st CSTB technical evaluation documents for facade connectable systems.

2009
CSTB technical evaluation documents for Danpatherm K7, 1st pre-assembled high performance energy system made up of double polycarbonate panels with built-in translucent insulation.

2013
CSTB Technical evaluation documents for Danpalon® BRV, exterior thermal insulation covering.

© Photo: Sophie Carles



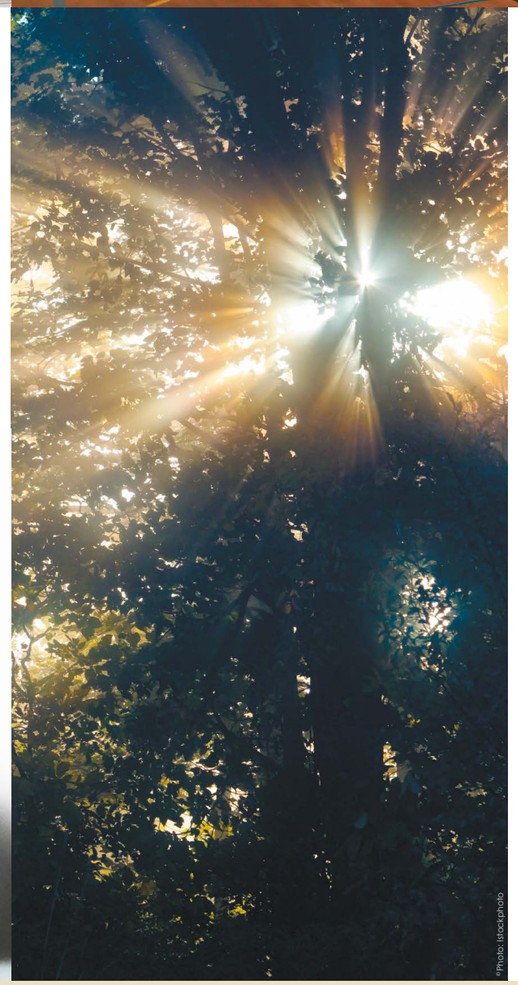
© Photo: Sophie Carles

© Photo: Arthur Lochart

HQE Sports complexe, Lansargues (France), Danpalon®, Architect: Architecture Environnement P.M, Installer: S.E.C

QUALITY ABOVE ALL

Our panels' microcell structure requires highly specific extrusion tools and processes. This results in extremely resistant products with unique design and physical characteristics. All our accessories receive the same attention to detail (stainless steel brackets, connectors and powder coated, or anodised aluminium closures).



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SPECIALISTS IN THERMAL PERFORMANCE & SOLAR COMFORT

As we have been enhancing the solar light for many years, we know its benefits and limitations.

Bbiomax, Cmax, Tic: 3 resulting requirements of RT2012 which enforce new regulations for architectural design. Natural light, heat insulation, solar gain control: we are by your side to help you define solutions that are best suited for your needs.

ENVIRONMENTALLY FRIENDLY, RECYCLABLE SYSTEMS

HQE ENVIRONMENTAL MEASURES

Our products are manufactured according to ISO9001 and ISO14001, which guarantee excellent manufacturing quality while observing environmental regulations. Both our panels and our waste are 100% recyclable.

Coopérative Le rabio, Martinvast (France), Danpatherm K7, Architect: Cabinet Besuelle et Salley, Installer: C2L

HQE TARGETS

EVERLITE CONCEPT SYSTEMS IN RESPONSE TO HQE TARGETS

Harmony between the building and the surrounding environment

The translucent material blends perfectly into its environment. By playing with the exterior elements, its aspect changes between day and night.

Integrated choice of construction products, systems and processes

Complete construction systems cut to size. Certified by CSTB technical evaluation documents and SOCOTEC technical requirements books.

Low on-site fabrication and handling

Delivered cut to size and ready to install, the EVERLITE CONCEPT systems minimise waste. Due to system being lightweight, they are easy to install and do not require heavy equipment.

Energy management

Range of highly insulating systems made up of single, or multi-layer multi-wall panels with enhanced air-tight perimeter profiles. Products designed to optimise the control of solar gain and natural light. Our products are manufactured according to ISO9001 and ISO14001, which guarantee excellent manufacturing quality whilst observing environmental regulations. Both our panels and our waste are 100% recyclable.

Low maintenance

Our systems are naturally cleaned by rainwater. If necessary, they can be additionally cleaned with water and sugar soap.

Hygrothermal comfort

Due to their high insulating properties, the EVERLITE CONCEPT systems assure an ideal, steady thermal comfort.

Visual comfort

The translucent EVERLITE CONCEPT systems diffuse a soft, pleasant natural light, which is ideal for the occupants' comfort. The Softlite finishing eliminates any dazzling effect and diffuses the light homogenously.

Olfactory comfort

The EVERLITE CONCEPT systems are odourless.

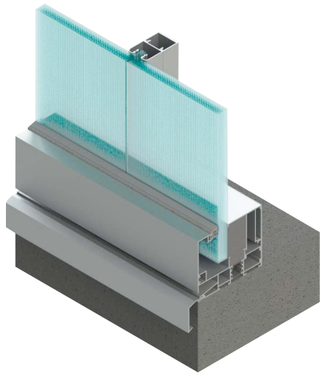
Healthy, pure air

The Danpalon® system is certified as non-pollutant and is suitable for use in sensitive areas such as the Agri-food sector.

WITH OUR SOLUTIONS, YOUR CREATIVITY IS LIMITLESS

DANPALON®
3DLITE
DANPATHERM K7
DANPALON® BRV
CONTROLITE®
EVERLUX
DANPALITE

A complete range of translucent solutions to benefit from the full comfort and creativity provided by the natural light. Its high resistance, light weight, water-tightness and simple installation make the Danpalon® system the ideal solution for roofing, canopy, facade and interior design works.



AN ENVELOPE OF LIGHT

DANPALON®

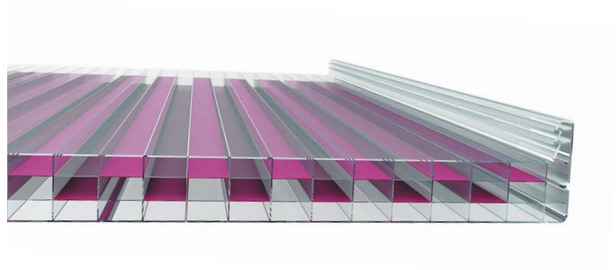
House of architecture, Vigo (Spain), Danpalon®, Architects: Irasarri y Pinera

© Photo: Manuel Vicente

3DLITE

BALANCE YOUR LIGHT

3DLITE is the only polycarbonate system that contains alternating opaque and translucent cells acting as integrated shading louvers. This unique structure of the panel balances the sunlight penetrating the building evenly throughout the day, thus offering benefits of natural light and thermal performance to the building with a really special dynamic look.

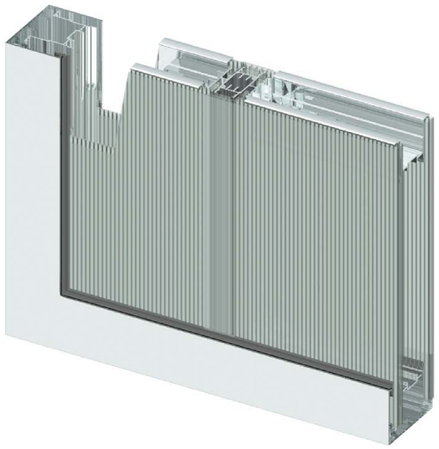


Canteen, Aigurande (France), Danpatherm K7,
Architect: Bruno Robinne, Installer: SMAC Rousseau

DANPATHERM K7

LIGHT & INSULATION

Thanks to its translucence, high insulation properties and capacity to provide a soft, diffused light, Danpatherm K7 is the first ready to install double panel construction system. With an excellent Ug value, it is ideal for the design of low consumption buildings. The system is certified according to the CSTB technical evaluation documents and is easy to install thanks to its factory pre-fabricated units.



As a translucent heat insulating exterior cladding, Danpalon® BRV wraps the building in light and reflection. Translucent, with Danpalon® it adds a profound and vivid effect. It dazzles and sparkles in the light, creating a stunning image. For an opaque finish, with Opalon®, it offers a range of bright colours with a metallic and lacquered appearance. Perfectly waterproof, the system is easy to install due to its universal connector system that matches all types of supports to create brighter, bolder facades.

EXTERIOR THERMAL INSULATION COATING

DANPALON® BRV

© Arthur Péquin

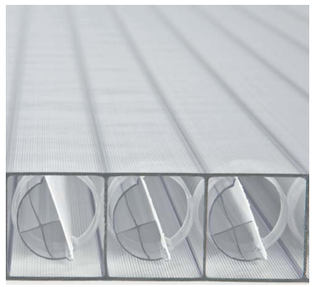
B&B Hotel, Gujan Mestras (France)
Danpalon® BRV system
Architects: Blamm architects
Installer: GCEB

Cap Synthèse, Saint-Cyr-sur-Loire (France),
Controlite® with sunshine blades,
Architect: Studios Architecture,
Installer: Metal innove

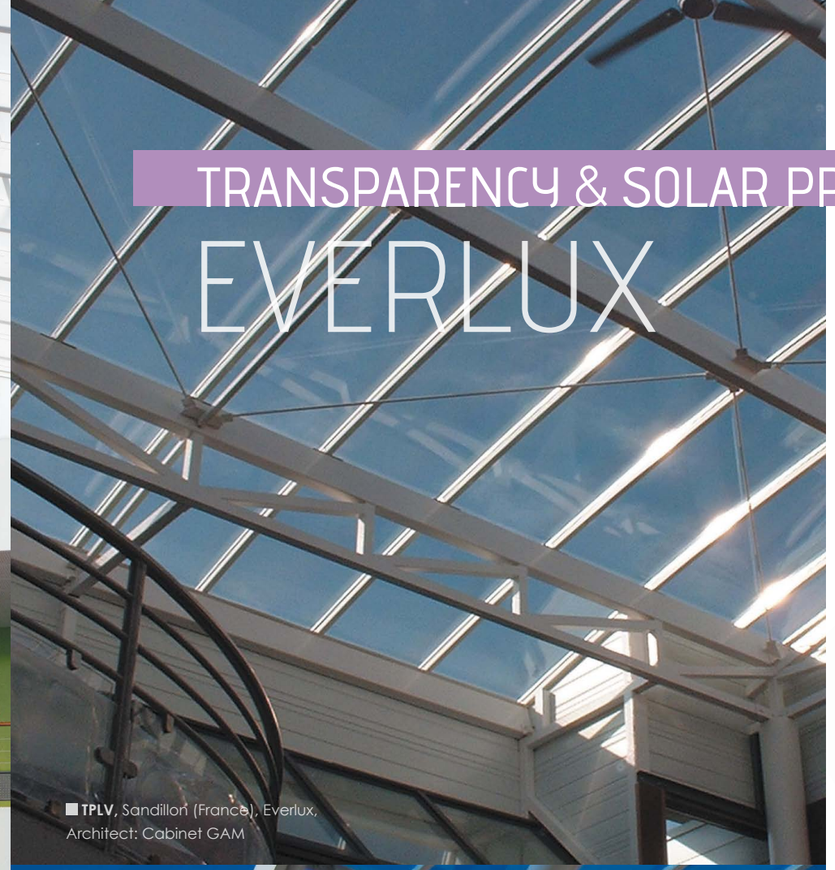
© Photo: Benoît Fougeirol

CONTROLITE®

INTELIGENT DAYLIGHT SYSTEM



Translucent construction system that integrates its own solar control device. Solar control and light on demand: Controlite® solves the equation thanks to its adjustable sunshade blades that are automatically controlled (sunshine sensor) or manually operated. Controlite® is available in single and double skin for both roofing and façade: W+ and Z+ offering more thermal insulation and solar comfort. A solution that meets the RT2012 requirements.

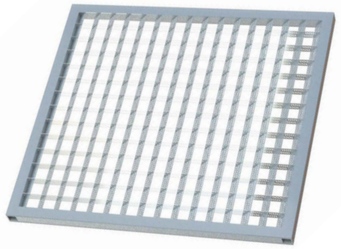


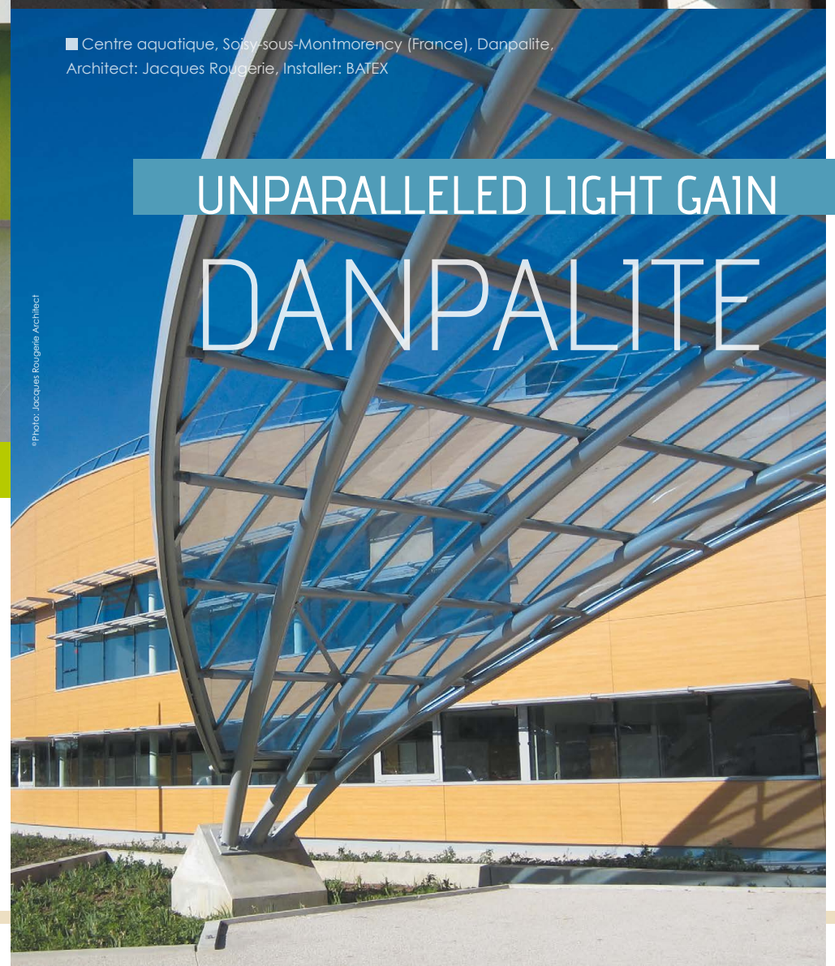
TPLV, Sandillon (France), Everlux,
Architect: Cabinet GAM

TRANSPARENCY & SOLAR PROTECTION

EVERLUX

Double-layer system that combines the glass transparency with the light weight properties of polycarbonate. Everlux can integrate fixed or adjustable sunshade blades to limit solar gain according to the building's orientation.



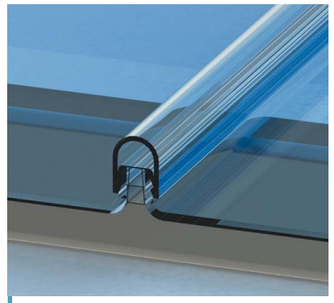


Centre aquatique, Soisy-sous-Montmorency (France), Danpalite,
Architect: Jacques Rougerie, Installer: BATEX

© Photo: Jacques Rougerie Architect

UNPARALLELED LIGHT GAIN

DANPALITE



Danpalite is a transparent, light weight, easy to install construction system. This flexible solution allows creative applications in flat or curved facades and roof, or canopy areas.

Registered trademarks: BRV national number: 12 3 958 825 - DANPATHERM national number: 12 3 958 823
EVERLITE CONCEPT national number: 12 3 958 822 - K7 national number: 12 3 958 824
OPALON national number: 12 3 958 819 - SOFTLITE national number: 12 3 958 826

EVERLITE
Architecture Lumière

Find all our applications at

WWW.EVERLITECONCEPT.COM

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