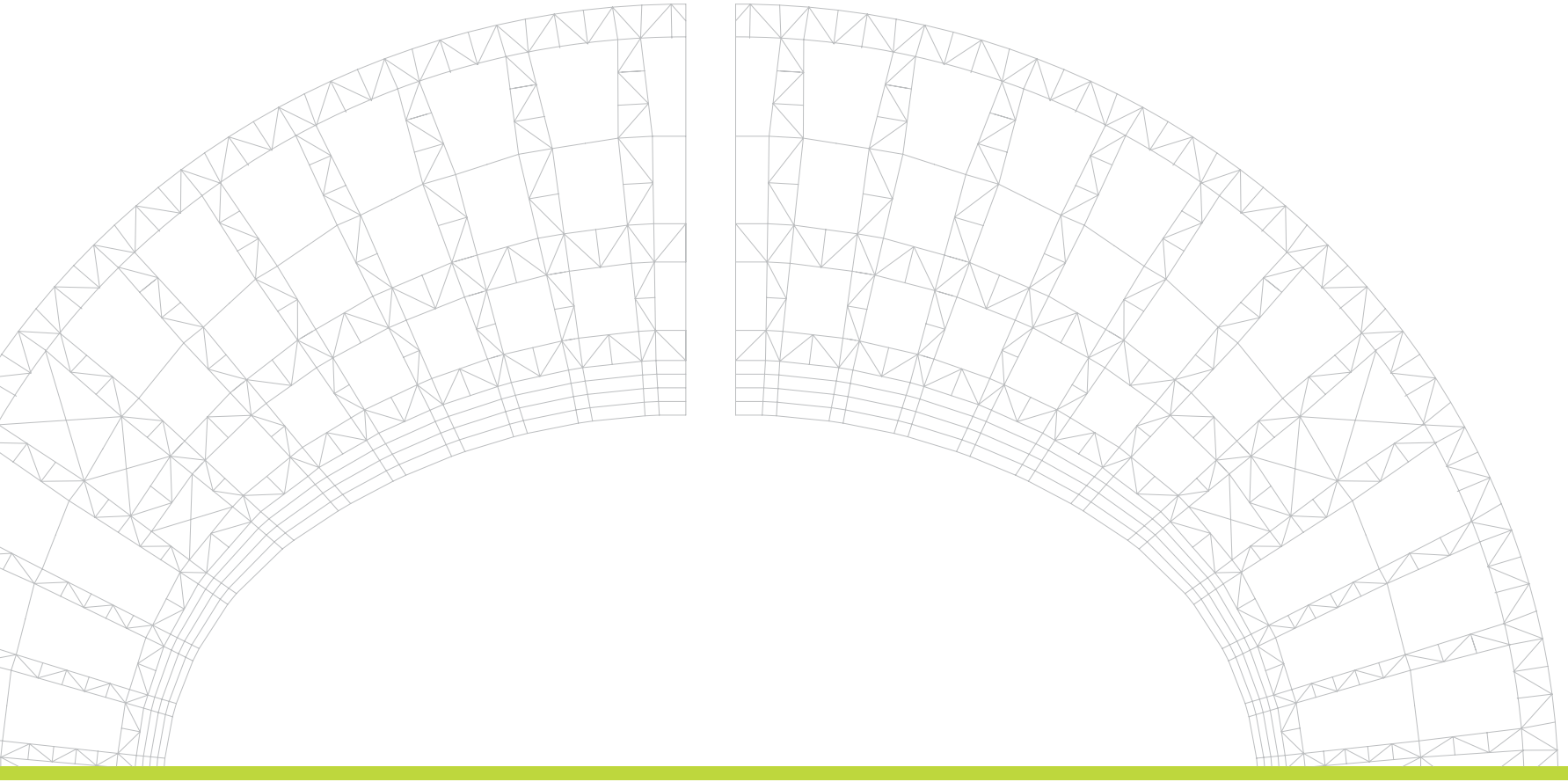
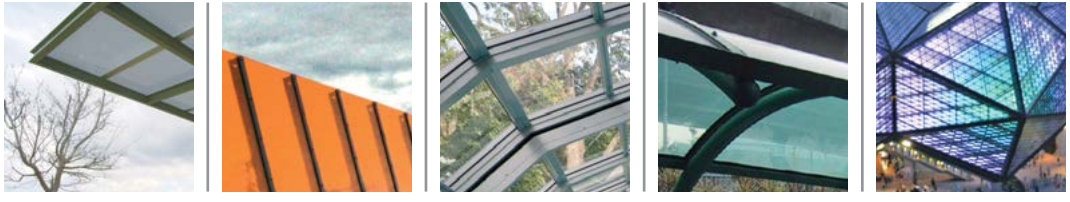
Architectural Projects Portfolio



Content

Freedom in design



About Palram

Global Leader in Thermoplastic Panels and Panel Systems

Palram is a leading multinational manufacturer of thermoplastic sheets, mainly from polycarbonate, PVC and acrylic. Our products are used in a wide variety of applications and projects around the world, including construction and architectural projects, advertising and printing, agriculture, fabrication and DIY. Palram's global presence and advanced technological abilities allow us to provide our customers with competitively priced products, while maintaining a high level of service.

Palram delivers excellence to a global marketplace, backed by professional support and service on a local and regional level. Palram is proud of its unique corporate culture that makes us agile, creative and committed to all our customers.

Architectural Project Support

In the last two decades, Palram's Project Support Center has helped specify, adapt, support and facilitate architectural challenges around the globe. Among the Center's team members are civil engineers, designers, technical supporters and plastics engineers. The team offers a bundle of professional services based on accumulated experience in medium and large scale projects, samples of which are displayed here.

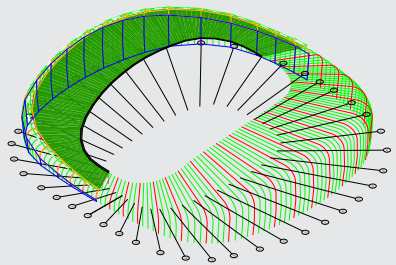
Service Solutions

Planning Stage

- Quick matching of product specifications per project
- Adapting plans while preserving the architect's vision
- Creating specific planning details for architects
- Professional consultation on planning meetings
- Expert advice on materials and engineering
- Creating conceptual designs for given structures

Implementation Stage

- Creating specific installation guidelines per project
- On-site support at important execution stages
- Background construction engineering supervision
- Conducting special seminars upon request



Product Solutions

Architectural Systems

Palram offers a range of advanced panel systems, which are constantly enhanced as a result of to our accumulated field experience.

Palram systems offer:

- Leak free design
- Double sided UV protection as standard
- Resistance to high loads
- Resistance to extreme weather and hail
- Thermal expansion gaps
- Suitability for curved designs

Panels for Construction & Architecture

Palram has produced the widest available range of thermoplastic panels for over 50 years.
The panels are fine-tuned and tailored to match every project's requirements.

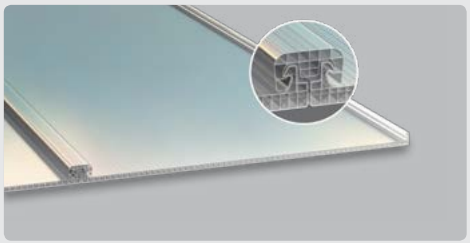
Palram panels offer:

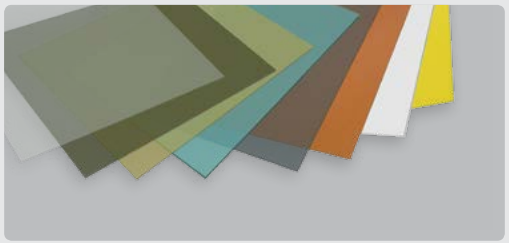
- Wide product range
- Resistance to extreme weather and hail
- Tailor made color matching and solar properties
- Architectural implementation advisory

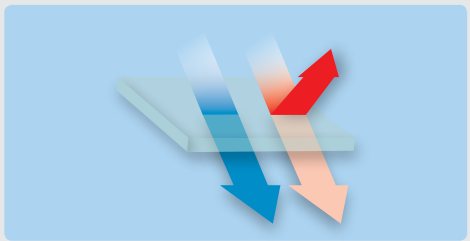
Energetic Efficiency by SolarSmart™

SolarSmart™ is a multi benefit technology that combines high light transmission with low heat buildup. Panels with SolarSmart™ colors selectively transmit and block different segments of solar energy, allowing better use of natural daylight and improving climatic conditions in closed spaces. As a result energy consumption and costs are cut due to reduced lighting and air conditioning requirements.

SolarSmart™
Selective Solar Control Technology







Milestone Projects

Aviva Stadium, Dublin, Ireland

HOK Sport (Populous)

SUNTUF® - Clear, Matte 3mm
Corrugated Polycarbonate Panel
Skylight/Roof - 20,000sqm

Palram was challenged to stretch its capabilities for the project in terms of design, production and logistics. The roofing material was characterized with relatively thin panels, a requirement met by Palram's proprietary corrugation technology. A revolutionary solution was conceived: installation of the corrugated panels perpendicular to the slope, relying on the stadium's unique "wavy" architectural design. This allowed a 65% decrease in the panels thickness, which provided a cost efficient solution that preserved the architect's vision.


AVIVA


AVIVA STADIU
AVIVA
AVIVA

Milestone Projects

Shenzhen Universiade Sports Centre, China

GMP

PALSUN® - Smart Green 8,10,12mm Flat Solid Polycarbonate Panel Skylight/Roof - 45,000sqm

The Universiade Sports Centre Stadium is one of three venues built for the 2011 Universiade games. It had the largest polycarbonate roof in the world upon its completion. Palram was deeply involved in the project from early design stages, including consultation at design meetings across the globe and characterization of the panel properties and the installation system used. The project required a custom designed installation system, which Palram developed with the main architect and local design studio.

Milestone Projects

Athens Olympic Stadium
Greece

Santiago Calatrava

PALSUN® - Solar Olympic 12mm Solid Polycarbonate Panel Skylight/Roof - 24,000sqm

The Athens' "OAKA" Olympic Stadium was renovated to serve as the centerpiece for the 2004 Olympic Games. The stadium's roof was designed by the renowned Santiago Calatrava and is still one of the largest polycarbonate installations in the world. PALSUN polycarbonate panels with a tailor-made color and abrasion-resistance were fitted into the GA2004 pre-assembled glazing system. The system's unique design allowed 0° slope and offered built-in drainage, room for thermal expansion and many other benefits.

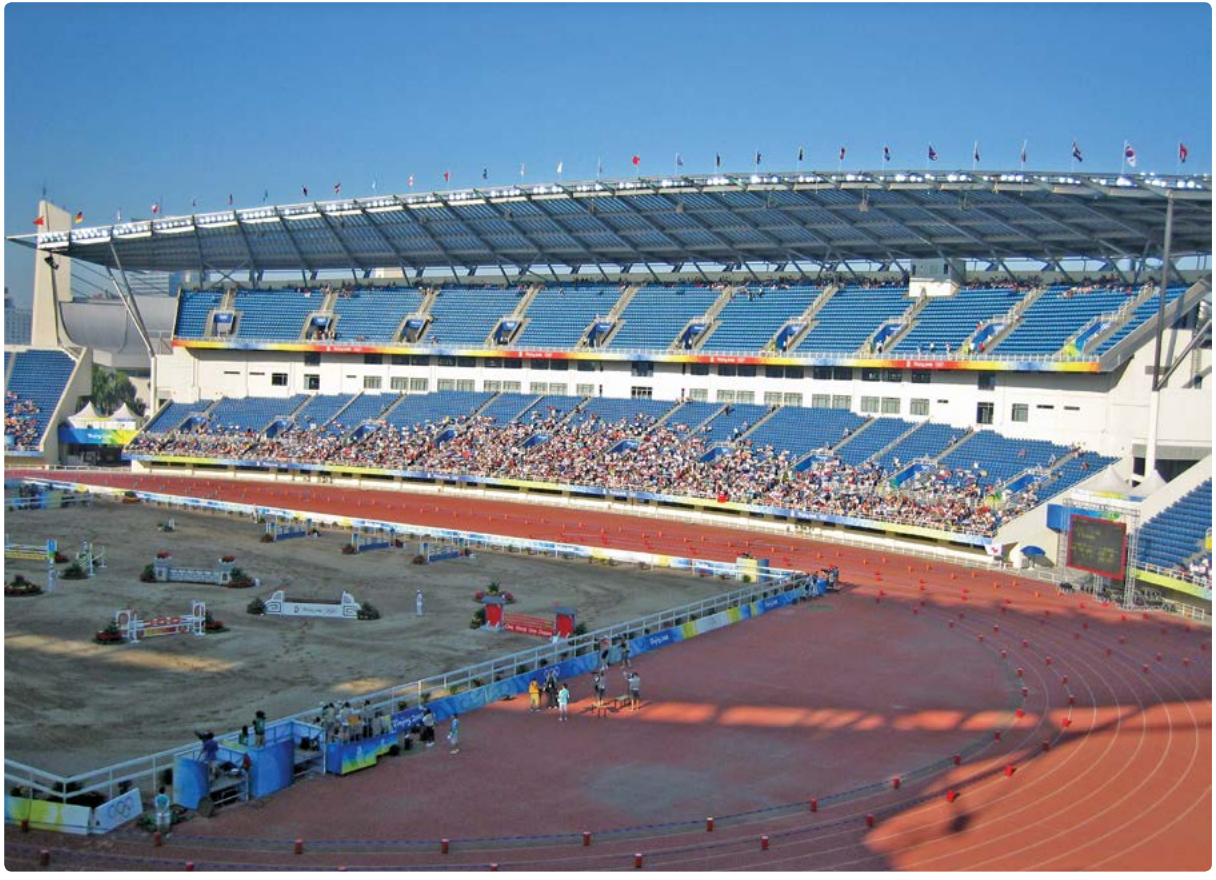
Milestone Projects

Beijing Olympic Sports Centre Stadium, China

BIAD

SUNLITE® - Solar Control 15% LT, Clear 16mm
Multiwall Polycarbonate Panel
Skylight/Roof - 12,000sqm

The stadium was renovated before the Beijing 2008 Olympic Games for the hosting of football games and athletics finals. The renovation doubled the number of seats to 40,000 and a roof structure was added with SUNLITE Solar-Control multiwall polycarbonate panels. The panels were chosen for their cool lighting benefits and in order to match the metallic appearance of neighboring complex venues. The roof inner rim received clear panels to reduce shadowing of the pitch.



Milestone Projects

Qingdao Airport, China

QADG

SUNLITE® - Clear 25mm
Multiwall Polycarbonate Panel
Skylights - 2,300 sqm

Qingdao's local airport was renovated for the city's role as Olympic co-host for the Beijing 2008 games. A new terminal, runways and an aircraft apron area were added to the airport. SUNLITE panels were selected as skylights for the new terminal due to their high thermal insulation and light transmission.


Beijing 2008
VIP
VIP Lounge

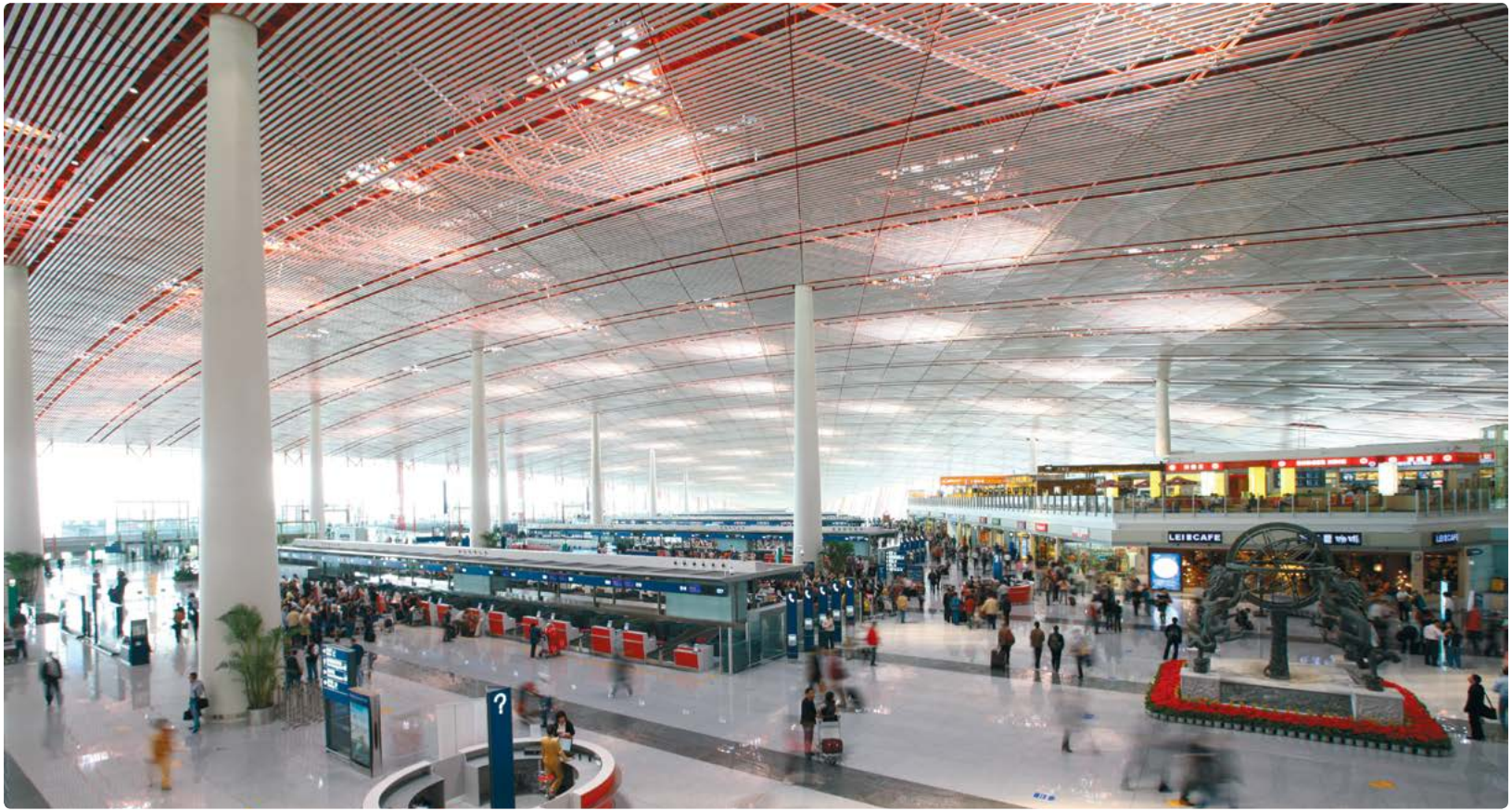
Milestone Projects

Beijing International Airport, Terminal 3, China

Foster & Partners

SUNLITE® - Clear 25mm Multiwall Polycarbonate Panel Skylights - 45,000sqm

Beijing International Airport's Terminal 3 boasts a stunning dragon-shaped design. It covers over a million sqm and can accommodate 82 million passengers annually. The advanced terminal has many sustainable features, including an integrated environment-control system and south-east oriented "dragon-scale" shaped skylights, which were supplied by Palram.


LEI BCAFE

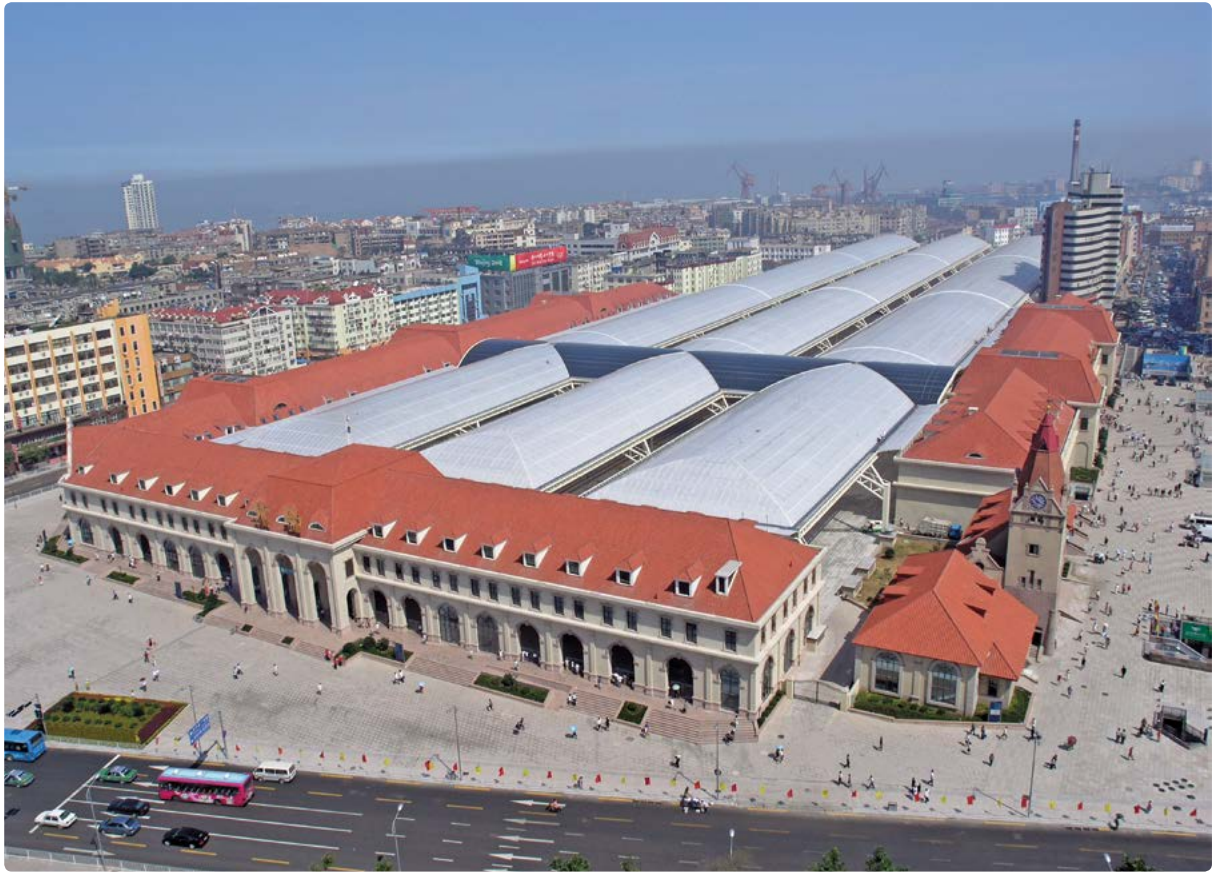
Milestone Projects

Qingdao Railway Station China

Shandon Province Design Institute

PALSUN® - W. Diffuser 8mm
Flat Solid Polycarbonate Panel
Skylight/Roof - 55,000sqm

The Qingdao Railway Station was extensively renovated for the city's hosting of the Beijing 2008 Olympics Regatta (boating) competitions. The station is typical for Qingdao architecture, incorporating German architectural style into a Chinese-designed building. The enormous 60,000sqm roof is considered one of the largest of its kind. PALSUN white-diffuser solid polycarbonate panels were specified in order to diffuse direct sunlight create a pleasant atmosphere for the crowd.




和谐号
CRH

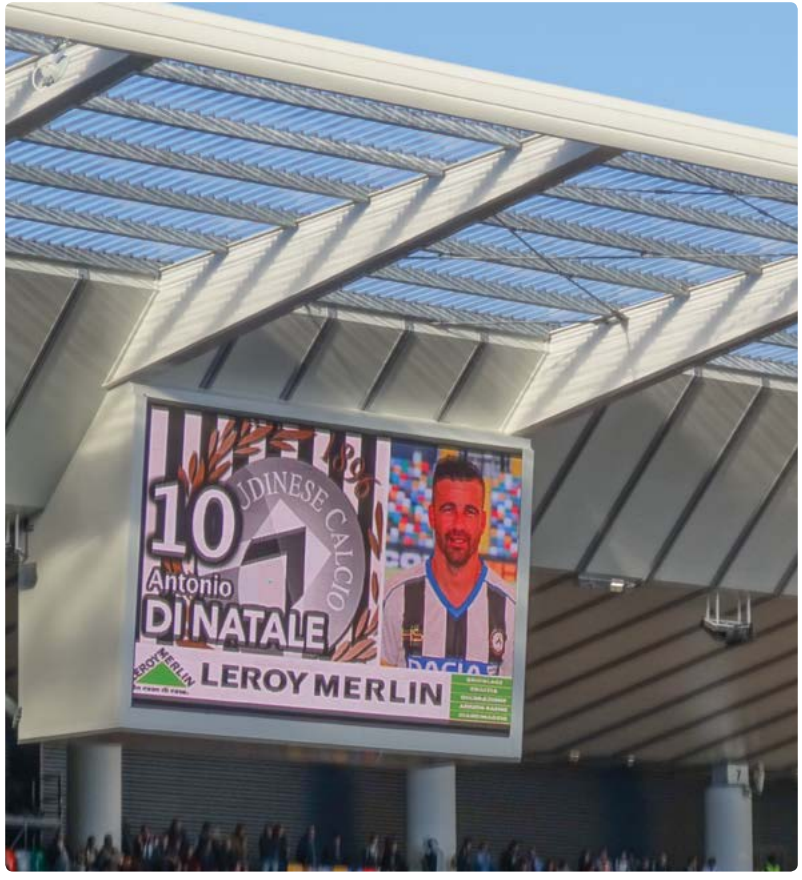
Sport Venues

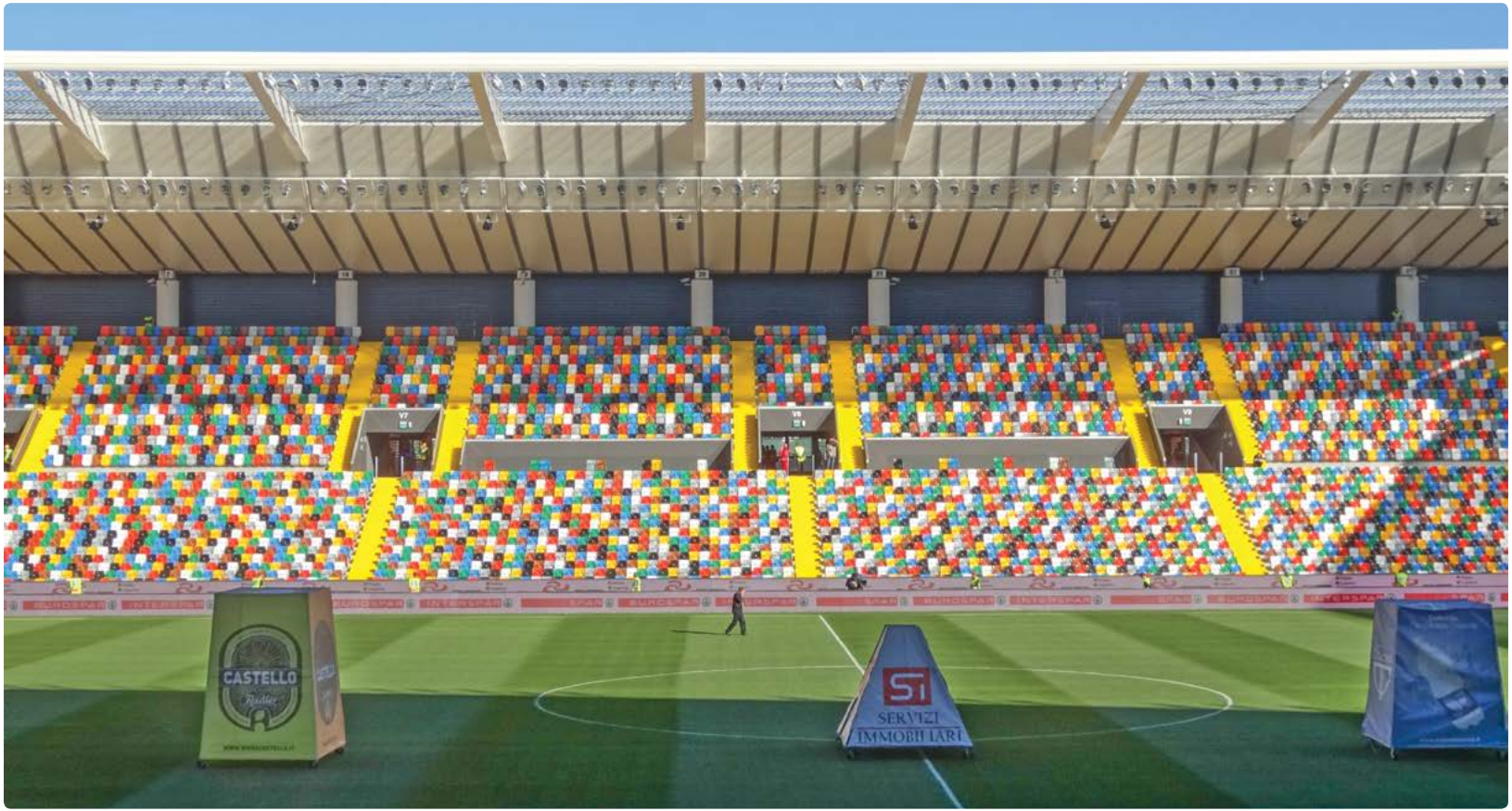
Dacia Arena (Friuly Stadium) Udine, Italy

Lorenzo Giacomuzzi Moore

SUNTUF® - Clear embossed 3mm Corrugated Polycarbonate Panel Roof - 4,000sqm

Dacia Arena, home to 'Udinese Calcio' soccer team, has undergone an extensive 33$M renovation and became a multipurpose sports arena in 2015. The stadium received a modern spectator seating and a complete roofing plan, including a clear inner strip made of SUNTUF corrugated polycarbonate panels. Palram Project Support Center provided a complete solution, including proprietary sliding connectors that were successfully implemented in previous projects.




CASTELLO
SERVIZI
IMMOBILIARI

Sport Venues

Arena Castelão (Plácido Castelo Stadium) Fortaleza, Ceará, Brazil

Viglieca & Associados

SUNTUF® 5,6 Waves Clear 2mm Corrugated Polycarbonate panel Skylight/Roof - 8,000sqm

Photos by Regis Capibaribe

Plácido Castelo Stadium, popularly known as "Castelão", was renovated for the 2014 FIFA World Cup and became the first Brazilian Stadium to obtain the LEED "Green" certification. The Palram team's solution for the project was based on 9 meter SUNTUF sheets that spanned the entire roof circumference, which provided elegant appearance without overlap shading and prevented leaks.

Sport Venues

Allianz Parque Stadium
São Paulo, Brazil

Tomás Taveira, Edo Rocha

SUNTUF® 5,6 Wave, Clear 2mm
Corrugated Polycarbonate Panel
Skylight/Roof - 7,000sqm

Allianz Parque, popularly known as Palestra Itália Arena, is a one of the most advanced multipurpose stadiums in Brazil. Opened in 2014, the São Paulo stadium meets the highest standards of FIFA and was constructed to host shows, concerts, corporate events and especially football matches of the Sociedade Esportiva Palmeiras team. Clear SUNTUF panels cover the inner part of the roof to form a rain shelter and admit natural daylight to minimize shading of the playing ground.

Sports Venues

Zakho Stadium, Iraq

SUNPAL® - ML Red/White and Clear Difusser Plus 18mm Multiwall Architectural System Skylight/Roof - 12,000sqm

SUNPAL Polycarbonate architectural panels were fitted into the roof of a football stadium in Zakho, Iraqi Kurdistan. Palram was awarded the tender to supply 'Global Sport IQ' with 12,000 sqm of specially tinted 18 mm panels, and provided in-depth support of the project. Zakho International Stadium was the first installation of SUNPAL multilayered panels. Red and White panels were used to match the colors of the Zakho Football Club. This significantly enhances the stadium's visual appearance and boosts the local team's pride in their beautiful home.

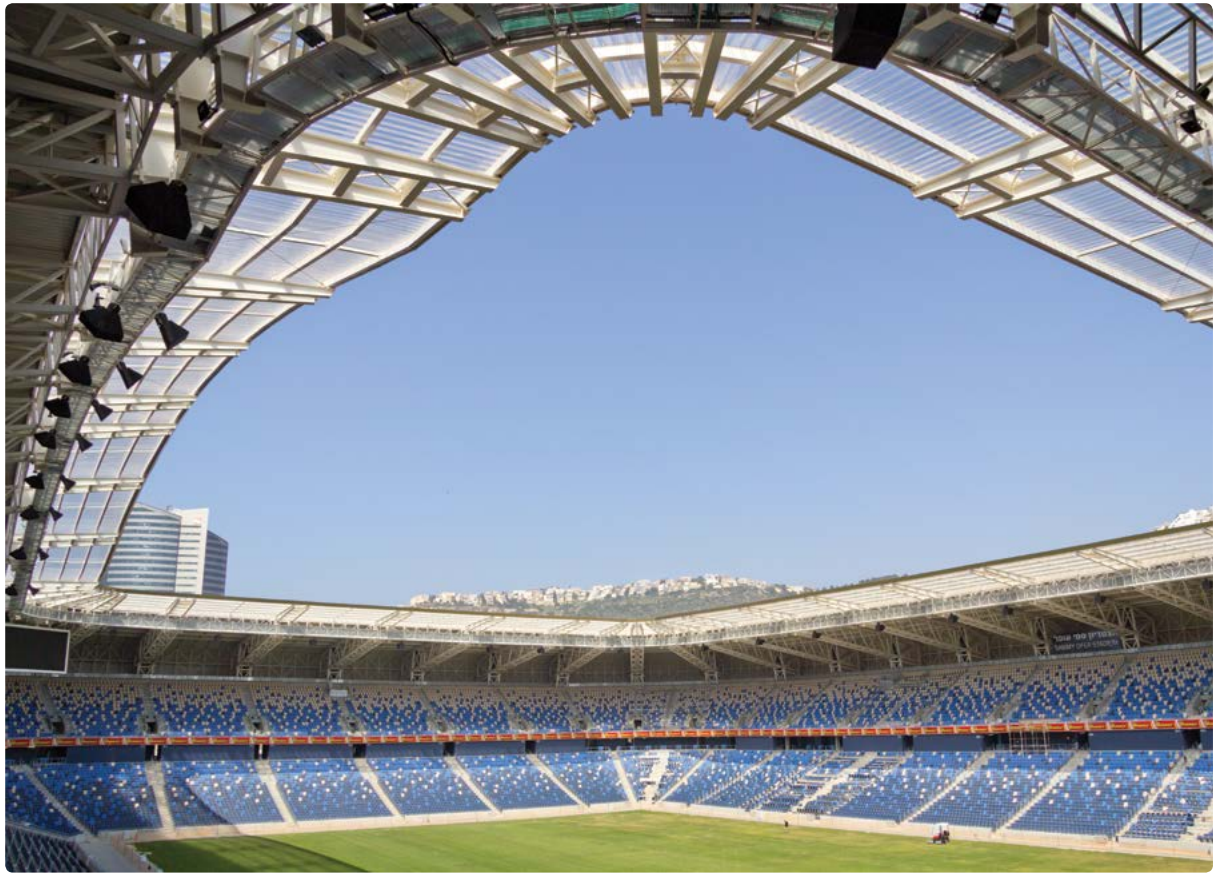
Sport Venues

Sammy Ofer Stadium
Haifa, Israel

KSS

SUNTUF® 7770,
Clear Embossed 3mm
Corrugated Polycarbonate Panel
Skylight/Roof - 5,000sqm

Sammy Ofer is the first Israeli sport venue to meet UEFA's highest stadium criteria. 11 meter tailor-made SUNTUF panels span the entire width of the skylight, creating an elegant look by eliminating shading overlaps. Additionally, Palram's project support team designed a proprietary connector that allowed the panels to be installed directly onto the main structure, thus enabling considerable saving on construction costs.



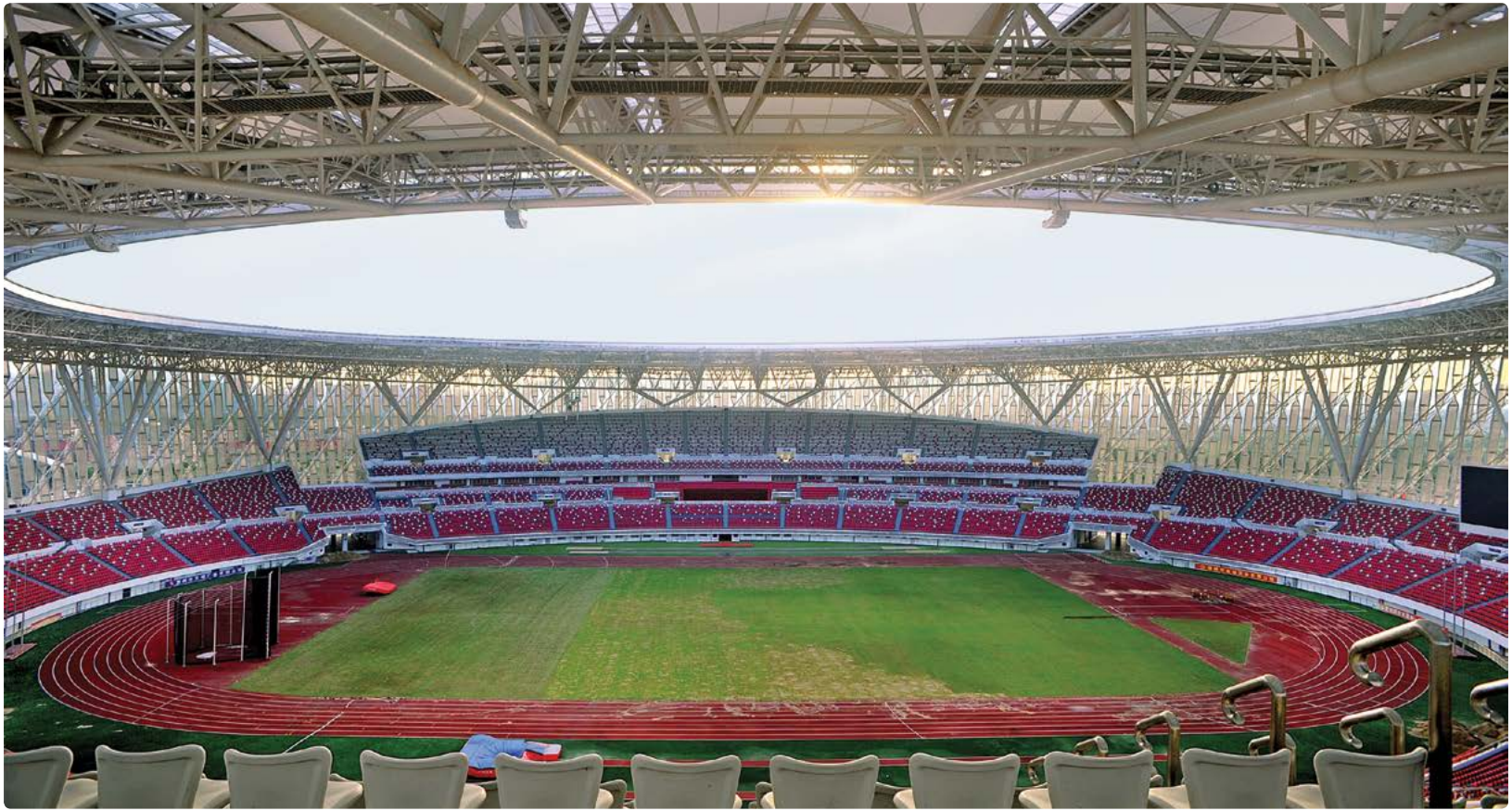
Sport Venues

Huizhou Olympic Sports Centre Stadium, China

CCDI

SUNPAL® - Clear 10mm
Multiwall Polycarbonate System
Skylight/Roof - 6,700sqm

The Huizhou Central Stadium has a 60,000 seat capacity and was a part of a sports complex that hosted the 13th Guangdong sport games. The stadium roof was fitted with clear 10mm SUNPAL skylights, which allow plenty of daylight into the crowd area.



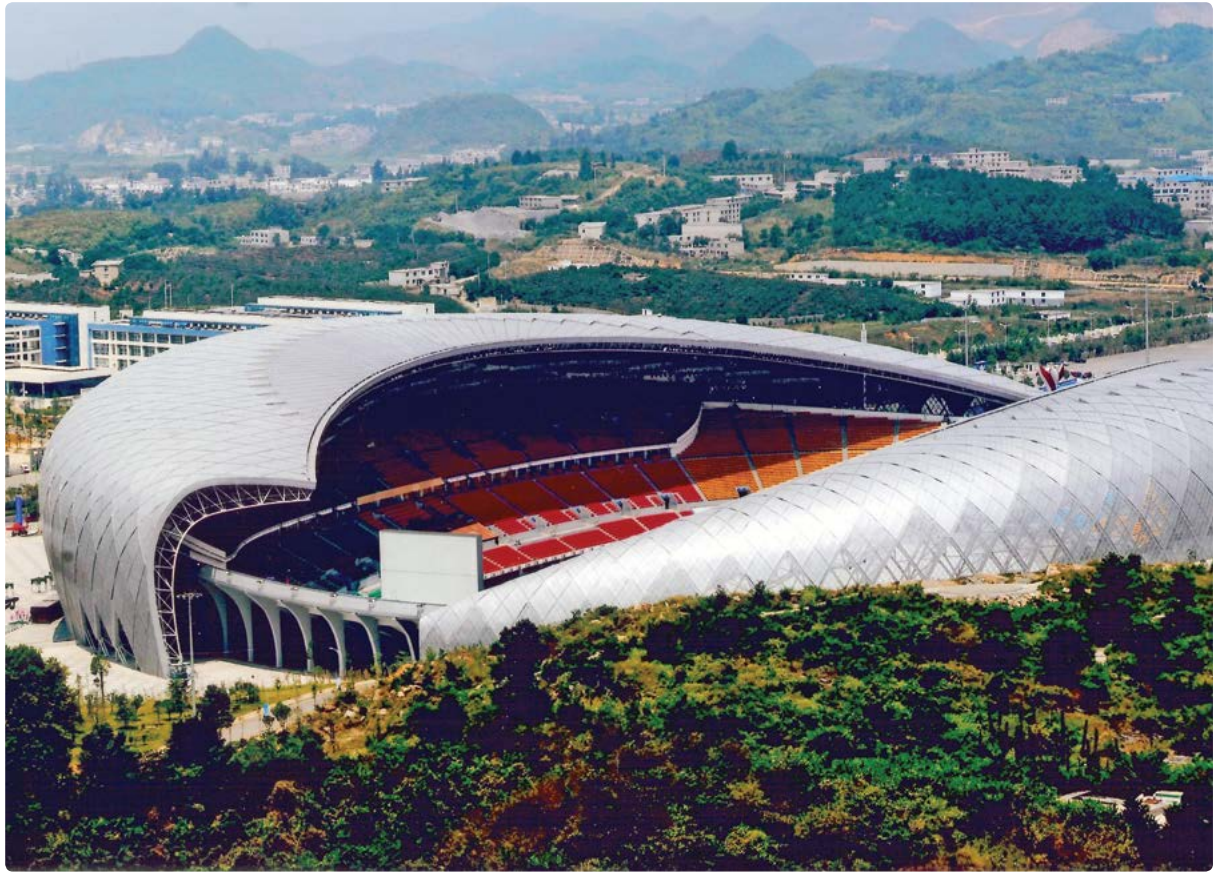
Sport Venues

Guiyang Olympic Sports Centre Stadium, China

CAPDI

SUNLITE® - Solar Control 16mm Multiwall Polycarbonate Panel Skylight/Roof

The stadium was built to host the opening ceremony and individual events of the 9th National Traditional Ethnic Minority Sports Meet. The stadium can accommodate 53,000 spectators. SUNLITE Solar Control panels were chosen for the roof in order to match the metallic grey appearance of the structure. The panels provide moderate lighting and partial heat blocking, which improve the climatic conditions for the spectators.



Sport Venues

Trent Bridge
Nottingham, England

Maber Associates

SUNLITE® - Trans. Blue
Multiwall Polycarbonate Panel
Sidelight

Trent Bridge is the home of the Nottinghamshire County Cricket Club, which has been hosting cricket matches since 1838. The cricket ground's stand, which has 2,300 seats, incorporates light blue SUNLITE sidelights to allow pleasant, moderate lighting.

Sport Venues

Nanchang International Sports Centre Stadium, China

CCDI

PALSUN® - Solar Olympic 8mm Solid Polycarbonate Panel Skylight/Roof - 12,000sqm

Nanchang International Sports Center was built to host China's 7th National Intercity Games and accommodates up to 60,000 spectators. The stadium roof was fitted with PALSUN Solar Olympic panels and the GA2004 pre-assembled glazing system. The Solar Olympic tint blocks a segment of the Infrared radiation, creating "cool lighting" for the crowd. The GA-2004 system's built-in drainage allows true self-cleaning and 0° slope.

Sport Venues

Essen Stadium, Germany

W+P

SUNTUF® 43/332 1.2mm Clear Corrugated Polycarbonate Panel Roof - 12,000sqm

SUNTUF sheets were used in the roof construction of the Essen Football Stadium in Essen, Germany (stadium capacity 20,000 spectators). An innovative combination of perforated metal sheets and clear polycarbonate sheets, layered on top of each other, created a roofing solution that is robust, transparent and waterproof. We provided a profile that matched the metal profile and a specially designed aluminum cap that runs along the standing seam and clamps together the metal and the SUNTUF sheets.


RWE
STADION ESSEN

Sport Venues

Erdos Dongsheng Sports Stadium - Mongolia

China Architecture Design & Research Group

SUNLITE®- White Diffuser 25mm Multiwall Polycarbonate Panel Skylight/Roof - 16,000sqm

The stadium was built for the National Fitness events and can accommodate 57,000 spectators. The stadium's retractable roof, which is considered the largest of its kind, was fitted with SUNLITE panels. The panel's White Diffuser tint creates soft lighting for the crowd and prevents glare.

Sports Venues

Plaza del Toro
Vitoria, Spain

PALSUN® - Clear 10mm
Solid Polycarbonate Panel
Skylight/Retractable Roof
2,200sqm

Bullfighting is a national sport for the Spaniards. In this case, clear PALSUN panels were specified to maintain the arena's inner atmosphere with the roof in either closed or retracted position.

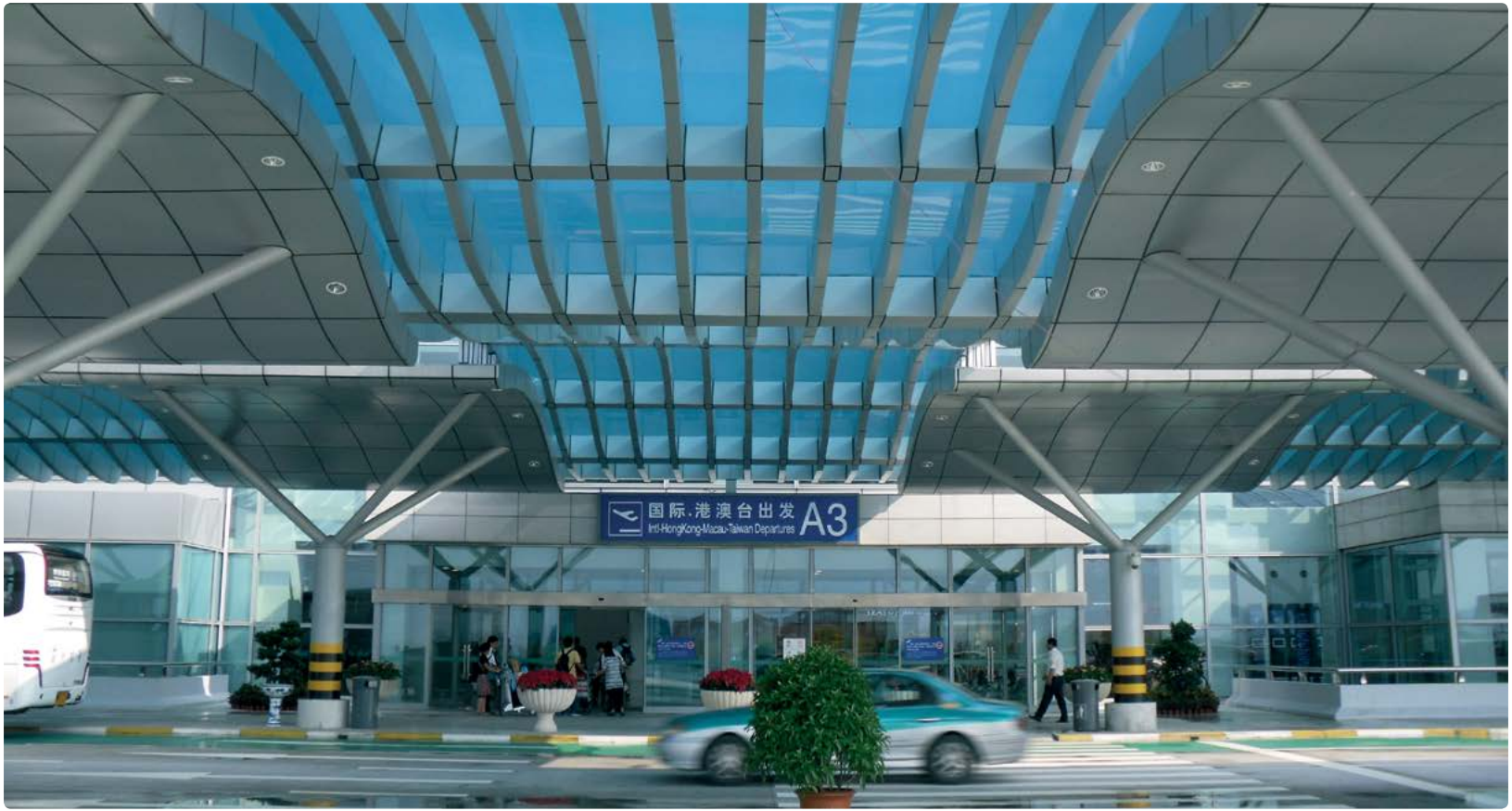
Airport

Hangzhou Airport, China

ZIAD

SUNGLAZE™ - Solar Olympic 4mm
Solid Polycarbonate System
Skylight/Awning - 1,900sqm

Hangzhou airport, one of the busiest in China, was built as a joint venture with Hong Kong's Airport Authority. Although glass was originally specified for the terminal entrance canopies, Palram conceived an effective solution based on the SUNGLAZE panel system. SUNGLAZE panels were easily installed into the wavy entrance profiles using cold bending. Their leak-free design was complimented by tailor-made gutters at the lower ends of the canopy.


国际.港澳台出发 A3
Intl-HongKong-Macau-Taiwan Departures

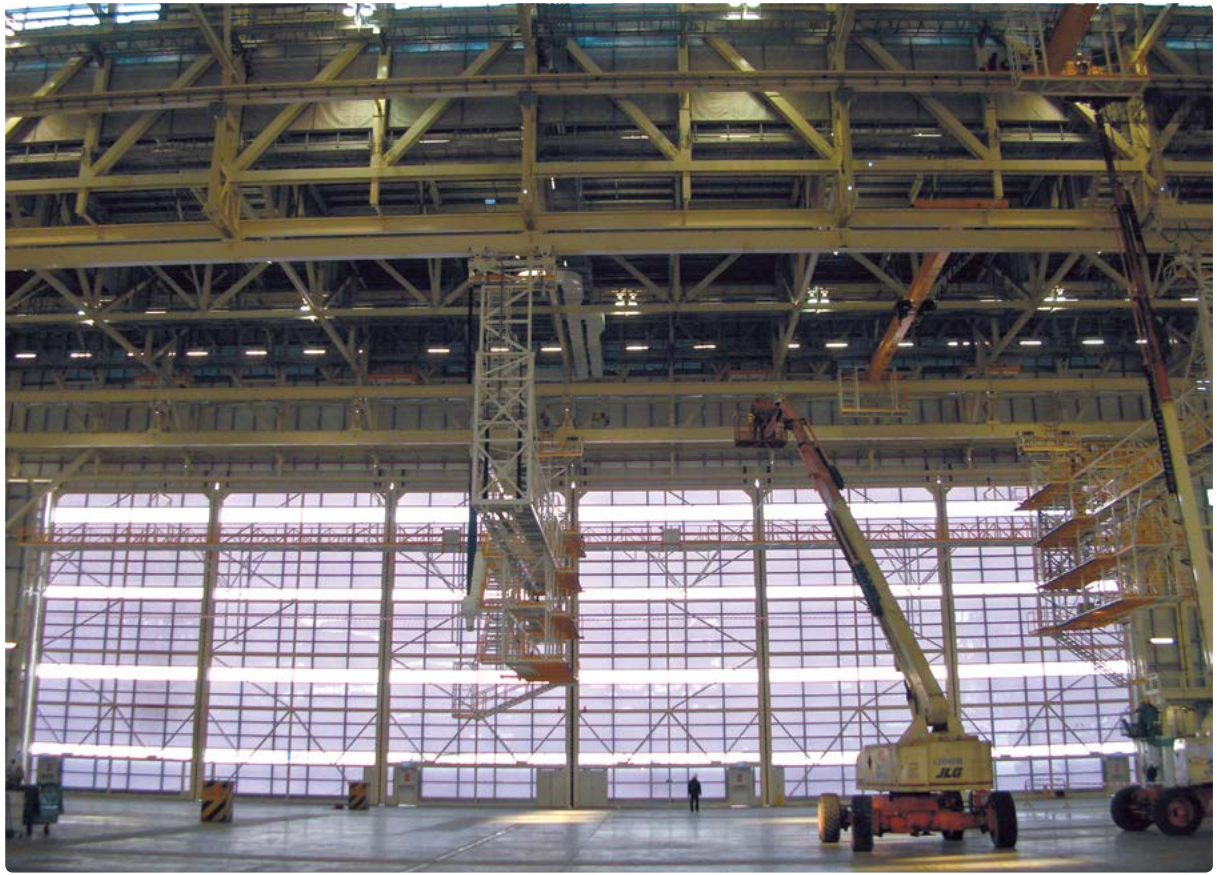
Airport

HAECO Hangar II,
Hong Kong Intl. Airport, China

RMJM

PALSUN® - Clear, W. Opal 12.7mm
Solid Polycarbonate Panel
Curtain Wall - W. Opal 800sqm
Clear 448sqm

The hangar planners aimed to provide natural daylight to the structure, while making the interior only partially visible.
Translucent white Opal PALSUN panels were selected as the main material, combined with a small number of clear stripes within.



Airport

HAECO Hangar III
Hong Kong Intl. Airport, China

Aedas

PALSUN® - Solar Control, Blue 12mm
Solid Polycarbonate Panel
Curtain Wall

Transportation

Hangzhou Bay Bridge, China

Tongji University Design Institute, Shanghai

PALSUN® - Clear 8mm
Flat Solid Polycarbonate panel
Wind shields - 14,000sqm

Hangzhou Bay Bridge spans 36km across the Hangzhou Bay on China's eastern coast and is the world's longest trans-oceanic bridge. The bridge provides quick access to and from the busy Port of Shanghai. Project schedule was tight for the hosting of the 2008 Olympics torch. Palram supplied tailor-made curved wind shields for the bridge. The rounded shields provide ultra-high impact resistance, designed to reduce the bridge's strong side winds and help withstand extreme weather conditions.

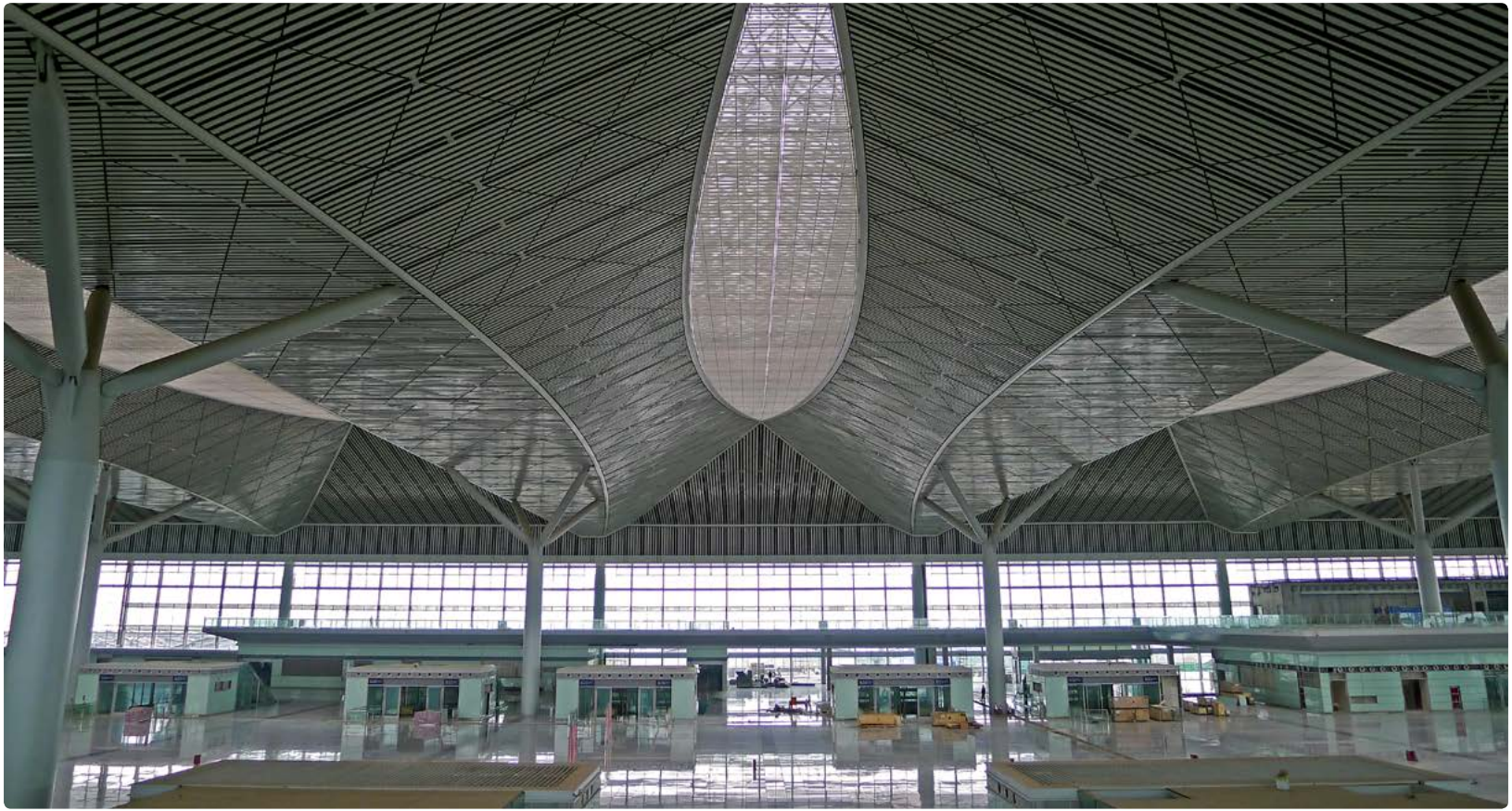
Transportation

Xian North Railway Station, China

CSADI

SUNPAL® - Clear 18mm
Multiwall Architectural System
Skylight/Roof - 7,000sqm

Opened in January 2011, the Xian North Railway Station was built as a supplement to the original Xian Station and accommodates the high speed trains passing through the city. The two railway stations are a hub connecting Northwest and Southwest China. The station was fitted with clear 18mm SUNPAL skylights, which provide leak-proof design and structural robustness.



Transportation

Kelmscott Train Station, Australia

SUNPAL® - Solar Grey 10mm Multiwall Polycarbonate System Sidelight

Transportation

La Guardia Bus Station
Tel-Aviv, Israel

PALSUN® - Solar Control 6mm
Solid Polycarbonate Sheet
Skylight/Roof

Commercial

Unicentro de Occidente
Bogotá, Colombia

SUNLITE®
Multiwall Polycarbonate Panel
Skylight/Roof

This project made use of two separate Palram products. SUNLITE X-Lite Solar Control panels were used for the dome. The SUNPAL system was installed in a barrel vault.

Commercial

"My Mall" Shopping Center Limassol, Cyprus

Alex Raz Architects

SUNLITE® CL - 32mm
Multiwall Polycarbonate Panel
Skylight/Roof - 5,000sqm

Special Heat-blocking SUNLITE CL panels were installed at My Mall shopping center to effectively reduce heat buildup while transmitting diffused light into the structure and creating a pleasant atmosphere for the visitors.

Commercial

Fun Republic Mall, Coimbatore, India

Arris Architects

SUNPAL® - Solar Control 10mm Multiwall Architectural System
SUNLITE® - Solar Control 10mm Multiwall Polycarbonate Panel
Skylight/Roof - 3,700sqm
2013

In this project SUNLITE X-Lite Solar Control panels were used in a dome and SUNPAL system was installed in a barrel vault.

Commercial

Hangar 9
Tel Aviv Harbor, Israel

Y. Gutman Architects

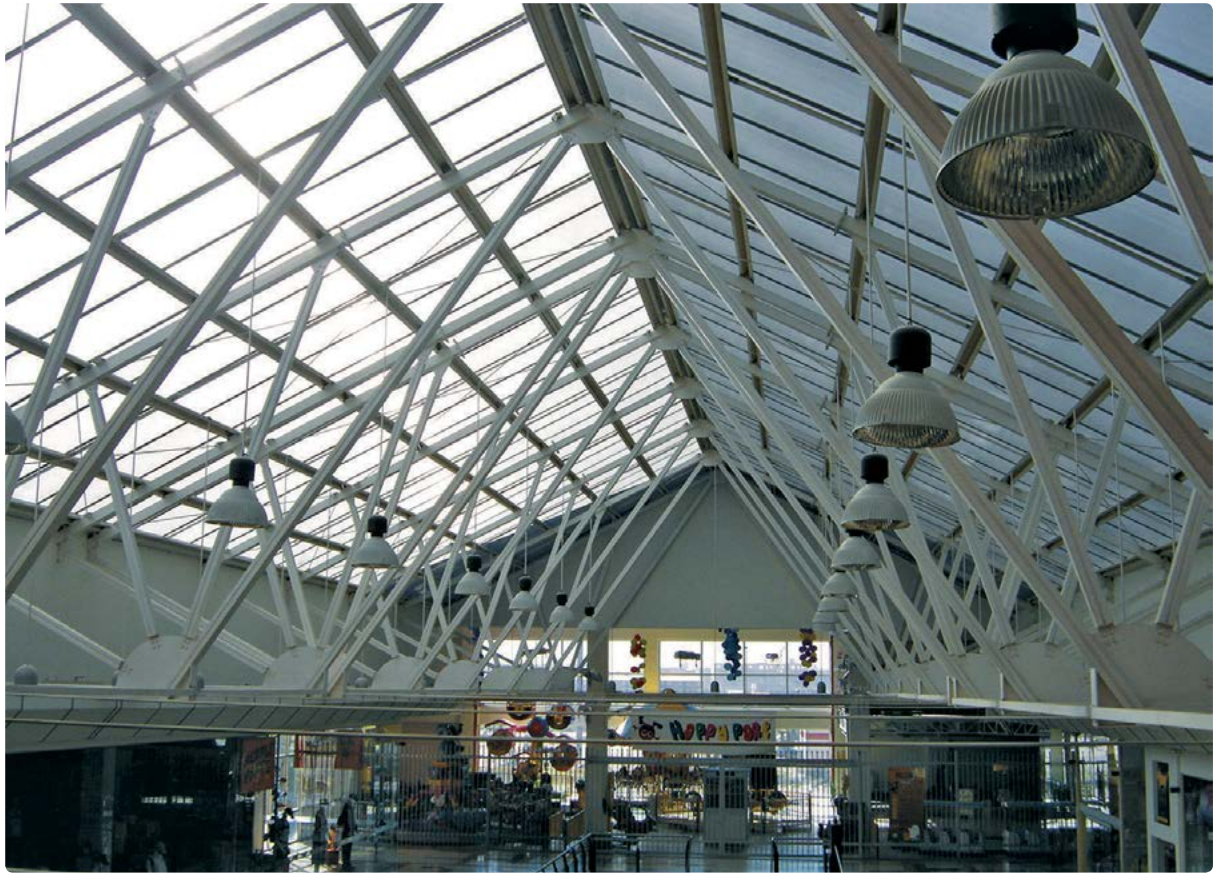
SUNTUF® - Solar Ice
Corrugated Polycarbonate Panel
Decorative Cladding

As part of the Tel-Aviv Harbor renovation in 2001, Hangar 9 was converted from an industrial warehouse into a commerce area with fashion stores and coffee shops. The hangar's outer corrugated metal skin was replaced with a profile-matched SUNTUF Solar-Ice panels. This simple and cost effective solution gave the structure a fresh, modern appearance.

Commercial

Tintal Plaza
Bogotá, Colombia

SUNLITE® - Solar Control
Multiwall Polycarbonate Panel
Skylight/Roof



Commercial

Manufactura Outlet Village
Kiev, Ukraine

Chief Architect: Victor Salamatin

SUNGLAZE™ 4/800 Solar Grey
Solid Polycarbonate Panel System
Skylight / Roof - 1,800 sqm
2013

This large installation of SUNGLAZE panel system has a glass-like appearance that integrates with the classic architectural style, but with reduced sub-structural requirements, along with many other benefits associated with this system. The whole roof is leak-proof with no need for sealants and blocks harmful UV radiation.

Commercial

Anvers Confectionery
Tasmania, Australia

J&M Weeda

SUNGLAZE™ 4/800 Solar Grey
Solid Polycarbonate Panel System
Skylight / Roof

The Sungalze solid Polycarbonate architectural panel system was used for the entire roofing of the visitor center of the Anvers Confectionery. The system's minimal design creates an elegant appearance and provides leak proof, shatter proof and a safe solution for the roof and walls.

Commercial

Mercedez Benz R&D Center Bangalore, India

Atelier Architects Pvt Ltd SMLXL

SUNPAL® 18mm Sky Blue
and Solar Control
Multiwall Polycarbonate System
Skylight/Roof - 1500 sqm
2013

The Bangalore Mercedez Benz R&D facility is the company's largest research facility outside Germany and was the first SUNPAL installation in India. Short SUNPAL panels were used in the sawtooth shaped skylight/roof above the terrace cafeteria. Blue and solar control panels were combined to create a colorful and pleasant atmosphere suitable for a recreational area of this type.

Commercial

SPAR - Shopping center, Tbilisi, Georgia

Architect - Irakli Abashidze

SUNPAL® 20mm White Diffuser
Multiwall Polycarbonate System
Facade
2016

SUNPAL was used to cover a newly built store in Tbilisi, Georgia. The system was installed vertically to create a brightly illuminated outer envelope for the structure. The inverted sheets provide a seamless and smooth surface to the outer walls and contribute to the unique overall appearance.
SUNPAL Alu Joiners C were fixed to the bare concrete walls, to which the Sunpal panels were attached. The building is now clad in durable panels, fully weather protecting the structural concrete.

Commercial

Mall Plaza El Castillo, Cartagena, Colombia

Designed by:
Canales Desarrolladores
Installed by:
Apice

SUNGLAZE® Breeze 4/800
Solid Polycarbonate System Skylight/ Awning - 1058 sqm
2013

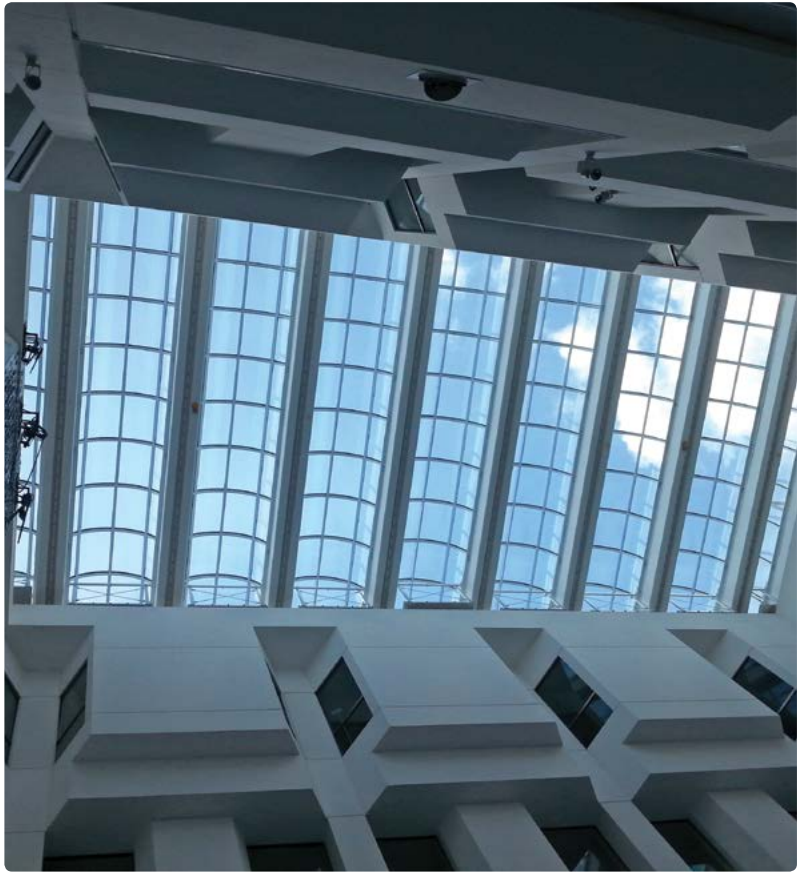
Public Facilities

Central Bank Of Cyprus HQ
Limassol, Cyprus

J&A Philippou Nicosia

PALSUN® 6mm Bluish Breeze, Clear
Flat polycarbonate panels
Skylight
2015

PALSUN® flat polycarbonate sheets were used as double glazing in a classic barrel-vault skylight at the prestigious headquarters of the Central Bank of Cyprus. The Bluish Breeze tint of the panels reduces heat buildup in the main hall by reflecting most of the Infrared solar radiation, while providing a clear and unobstructed view of the sky above.



Public Facilities

Ipswich Post Office, Australia

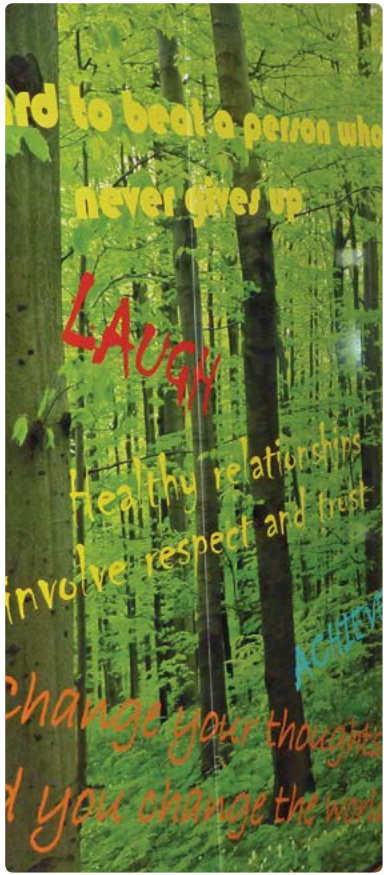
SUNPAL® - Green 10mm
Multiwall Polycarbonate System
Skylight/Canopy

Public Facilities

'Green Towers' Hinckley Club For Youth, Leicester, UK

PALCLAD™ Pro HYG
Hygienic PVC Wall Cladding System
Various colors
2010

The 'Green Towers Hinckley Club for Young People' was designed with respect to the requests of youth from the local community. PALCLAD™ Pro was chosen as wall cladding material to add an abundance of color to the walls in many locations of this large facility, including sport halls, offices, showers and more. Some PALCLAD™ Pro panels were printed with graphics that promote positive educational environment.



Public Facilities

Children Hospital, Germany

Murodesign Gmbh

PALCLAD™ Pro HYG
Hygienic PVC Wall Cladding System
Various colors
2015

HELIOS is a clinical center for children, located in the southern city of Krefeld, Germany. The center's extensive renovation project in 2015 was used to create a happy atmosphere for the young patients. Each floor was designed with a different theme using Palram's Palclad™ Pro cladding system. Colorful PVC cladding was used to create a cheerful atmosphere sing ocean, desert and arctic as well as other landscapes. The panels were printed with lively graphics and a few were cut in the shape of animals, smiling at the visitors from the walls.

Public Facilities

Nazereth Hospital, Nazereth Israel

PALCLAD™ Pro HYG
Hygienic PVC Wall Cladding System
Beige
2011

Public Facilities

St. Panteleimon Emergency Hospital, Bucarest, Romania

PALCLAD™ Pro HYG
Hygienic PVC Wall Cladding System
Green
2010

Saint Pantelimon hospital in Bucharest was renovated in 2014 and became Romania's leading emergency clinical facility. 2000sqm of PALCLAD Pro panels of various colors were installed using welding rods of matching color within a tight 2 week schedule to meet construction deadlines. The wall cladding was an important part of the upgrade, along with the new and modern medical equipment.

Public Facilities

TAE ETB School
Bogotá, Colombia

SUNTUF® - White Opal 1mm
Corrugated Polycarbonate Panel
Skylight/Roof

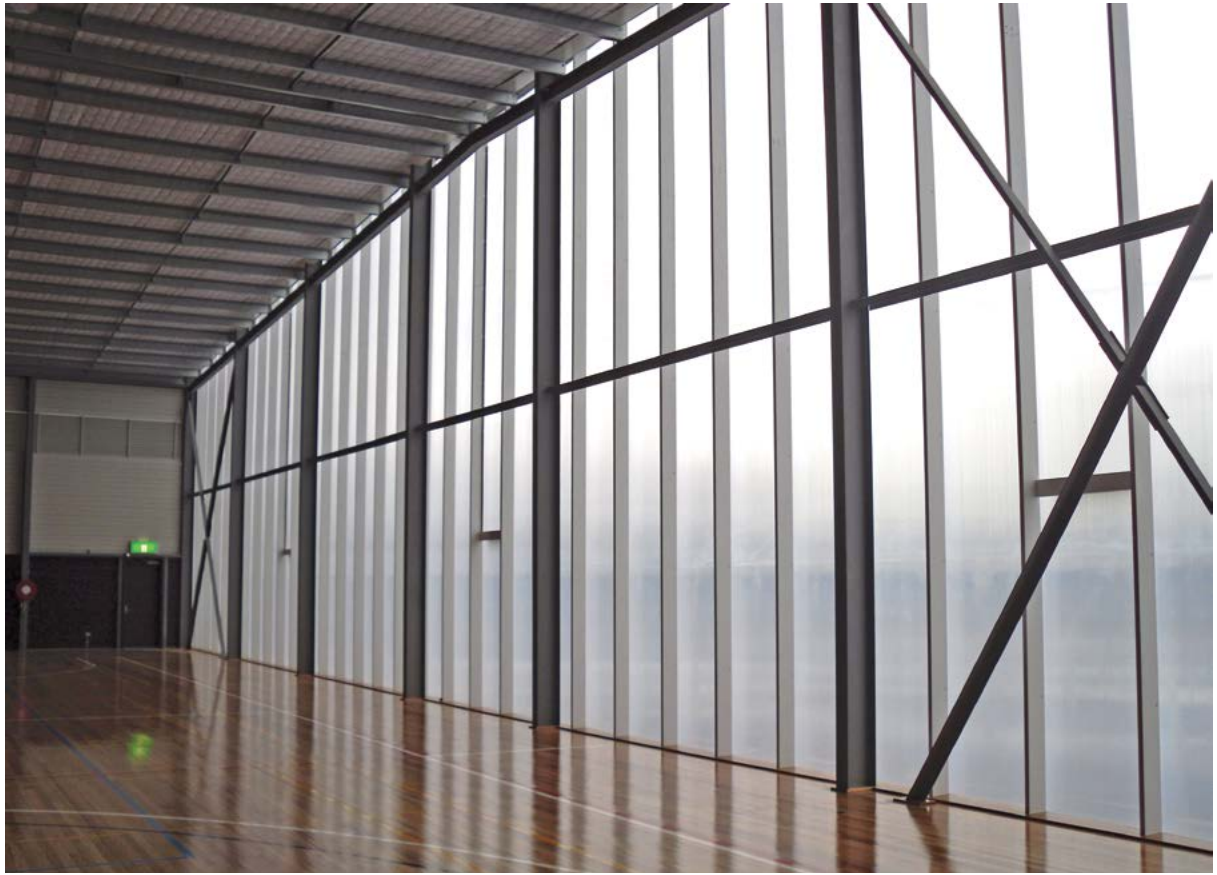
Public Facilities

Victoria University Community Sports Stadium, Australia

Peddle Thorp Melbourne

SUNPAL® - Solar Ice 18mm
Multiwall Polycarbonate System
Curtain Wall - 400sqm
2011

The SUNPAL panel system was used in a vertical installation to create a semi-transparent wall. The system provides a complete installation solution with clean appearance and leak-prof design with no need for sealants.



Public Facilities

School Basketball Court, Taiwan

SUNPAL® - White Ice 18mm
Multiwall Polycarbonate System
Skylight/Roof

Public Facilities

Derby School, Kansas, USA

SUNGLAZE® - White Opal
Solid Polycarbonate System
Skylight/Awning
2013

Public Facilities

George Town Trade Centre
Tasmania, Australia

Loop Architects

SUNPAL® - White Ice 10mm
Corrugated Polycarbonate Panel
Sidelight

Public Facilities

Yarraville Community Centre
Victoria, Australia

Whitefield McQueen Irwin Alsop

SUNPAL® - White Ice 18mm
Multiwall Polycarbonate System
Sidelight/Walling

Public Facilities

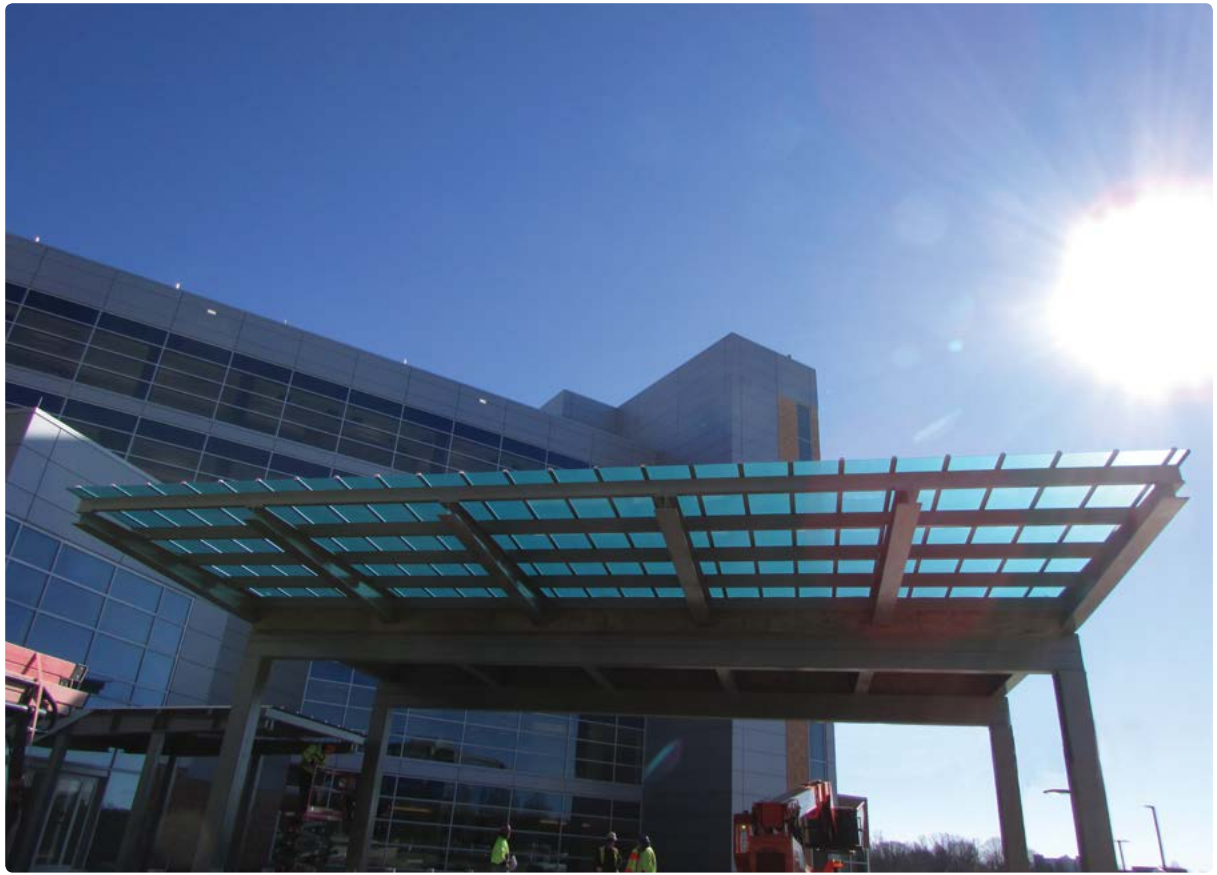
Amberley RAAF Base
Queensland, Australia

SUNPAL® - Solar Ice 18mm
Multiwall Polycarbonate System
Dining Room Sidelight/Walling

Public Facilities

Charlotte VA hospital
NC, USA

SUNGLAZE™ - Solar Olympic
4/600 Solid Polycarbonate System
Awning - 160sqm
2016



Pools

Technion Sports Center, Israel

SUNPAL® - Diffuser Plus Bronze and Blue 18mm
Multiwall Polycarbonate System
Skylight/Roof - 3,200sqm

The sports center of the Technion Institute of Technology in Haifa, Israel operates three pools, all of which were fitted with Sunpal multiwall Polycarbonate panels. The panels are specified with different tints and the Diffuser Plus feature that prevents glare from both transmitted daylight and the underwater lighting in the pool used at dark hours, creating balanced and pleasant lighting at any given time of the day.

Pools

Aquanation Center
Melbourne, Australia

SUNPAL® - white opal
diffuser plus 18 mm
Multiwall Polycarbonate System
Skylight/Sidelight

Palram worked with the architects on Aquanation from 2012 until its completion in 2015. The specified roofing system, SUNPAL® White Opal Diffuser Plus 18mm, features a double diffuser effect to soften the transmitted natural daylight as well as the inner reflections of electric lighting during dark hours. The multiwall polycarbonate architectural panel system was integrated into the skylights along with 3 types of curved roof deck finishes. Palram provided a unique span-bar rafter system with a custom bracket design to enable this challenging installation.

Pools

Hotel Terme Jezercica, Croatia

SUNLITE® - White Opal, 16mm Multiwall Polycarbonate Panel Skylights

Terme Jezerčica (pronounced Terme Yezerchitza) is a wellness center located in the town of Donja Stubica, 40 kilometers outside the capitol Zagreb, Croatia. The heart of the center is a naturally healing hot mineral spring. Terme Jezerčica also houses two pools, one for swimming and the other is part of a children's playground, both of which have skylights made of Palram's SUNLITE multiwall polycarbonate panels. The skylights transmit natural daylight that complements the center's health and wellness theme and values.

Pools

Wingate Institute, Israel

Moshe Atzmon
V5 Architects

SUNPAL® - Blue, Bronze, Solar Control diffuser plus 18mm Multiwall Polycarbonate System Wall cladding, Double skin, facade

Pools

"GaleyHadar" Country Club, Israel

SUNPAL® - Blue, White 18mm
Multiwall Polycarbonate System
Skylight/Roof

Industry

TIS Port, Ukraine

PALRUF® - White 2mm
Corrugated PVC panel
Industrial roofing

SUNTUF® - Clear 1.2mm
Corrugated Polycarbonate Panel
Industrial rooflights

TIS Port is located in the Ukraine on the shores of the Black Sea. The port's chemical warehouses are covered with Palruf® Corrugated PVC panels, which are well suited for use in this corrosive environment due to their excellent chemical resistance. Suntuf® Rooflight panels were integrated into the roof to admit natural daylight into the structure.

Industry

James Boag Brewery
Tasmania, Australia

SUNPAL® - 10mm White Ice
Multiwall Polycarbonate System
Sidelight/Walling

Walkways

Huzot Hamifratz Center
Haifa, Israel

Eldar Architects

SUNPAL® - Solar Control 10mm
Multiwall Architectural System
Covered Street - 3,700 sqm

Walkways

West Rail, KCRC
Hong Kong, China

PALSUN® - Sun Green 6mm
Flat Solid Polycarbonate Panel
Covered Walkway

Walkways

Hung Mui Kuk Footbridge
Hong Kong, China

PALSUN® - Trans. Green 6mm
Flat Solid Polycarbonate Panel
Covered Pedestrian Bridge

Walkways

Transmilenio Project
Bogota, Colombia

PALSUN® - Clear 6mm
Solid Polycarbonate Panel
Covered Pedestrian Bridge

Walkways

Pedestrian Bridge
Athens, Greece

PALSUN® - Solar Olympic 12mm Flat Solid Polycarbonate Panel Glazing

Walkways

Man Lai Court Bridge
Honk Kong, China

PALSUN® Clear 8mm
Flat Solid Polycarbonate Panel
Skylight

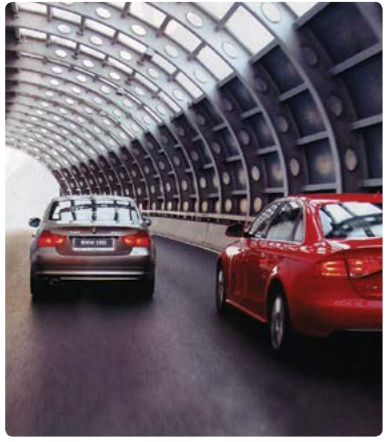
Acoustic Barriers

Zhanxi Soundproof Tunnel
Beijing, China

BMEDI

PALSUN® - Clear 10mm
Flat Solid Polycarbonate Panel
Skylight - 3,800sqm

The Zhanxi Road Soundproof Tunnel is an enclosed roadway that spans 1.8 km across the Beijing Zoo. The tunnel was covered with semi-oval barriers in order to achieve optimal noise reduction for the animals. Clear PALSUN sheets are used as skylights in the tunnel and are integrated into its oval structure.



Acoustic Barriers

Lai Chi Kok Viaduct (Tunnel) and Acoustic Barrier Hong Kong, China

Hong Kong HYD

PALGLAS® - Clear, Light Blue 15mm Flat Extruded Acrylic Panel Acoustic Barrier - 14,000 sqm

Acoustic Barriers

East Link Toll Road
Melbourne - Australia

Wood Marsh Pty Ltd Architecture

PALGLAS® - Orange, Green, Clear
20mm
Flat Extruded Acrylic Panel
Acoustic Barrier - 30,000sqm

EastLink is a 39km motorway connecting the eastern part of Melbourne with the freeways of the surrounding areas in Victoria state, Australia. The project, which includes 17 interchanges and over 80 bridges, uses many transparent acoustic barriers in the vicinity of populated areas. Approximately 30,000 sqm of PALGLAS panels were supplied to the constructing company, Thiess John Holland.

Interior Design

A_2SO_4 Design, USA

SUNLITE® - Clear
Multiwall Polycarbonate Panel
Semi-Transparent Walls

The hazy, semi-transparent appearance of SUNLITE multiwall panels is ideal for partition applications. In this case, a design agency used the panels to create moderate privacy without separating the private and public spaces entirely.

Interior Design

Griffith University
Gold Coast, Australia

SUNPAL® - Clear 8mm
Multiwall Polycarbonate System
Walls of group study pods
2010

The SUNPAL® multiwall polycarbonate architectural panel system is well suited for vertical applications, such as creating walls and partitions. The system was used to create study rooms or "Pods" at the Griffith University, Gold Coast in Australia. The semi-transparent walls create ample privacy for studying without setting a complete boundary with the surroundings.

Residential

Private Residence, New Zealand

SUNPAL® Solar Ice
Multiwall Polycarbonate System
Curtain Wall

The SUNPAL® multiwall polycarbonate architectural panel system is well suited for vertical applications, such as creating walls and partitions. The system was used to form a semi-transparent wall in a private residence. The wall creates partial privacy and admits natural light during daylight hours.

Residential

Private Residence, Canada

PALSUN & SUNLITE - Clear
Flat Solid & Multiwall
Polycarbonate Sheets
Private Pool Enclosure Glazing

Residential

Private Residence, Australia

SUNTUF®
Corrugated Polycarbonate Panel
Pergola Roofing

Residential

Private Residence, Australia

SUNPAL® - Solar Control 10mm
Multiwall Polycarbonate System
Pergola Roofing

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61246 - 10.2016