



S U P E R S K Y



Straightforward designs...

ETHICON, INC. Cincinnati, Ohio
Architect: Ballinger & Company

Photos: William Lemke



Super Sky Products, Inc., is the leader of custom extruded aluminum skylighting, offering multiple solutions for your skylighting needs. No project is too small or too large...we do it all!

GLASS SYSTEMS

- Aluminum Framed
- Point Supported Glazing (PSG)
- Hurricane Resistant
- Blast Resistant
- Photovoltaic (BIPV)

POLYCARBONATE SYSTEMS

- EDGE®
- EDGE MAX®
- Nanogel®
- Standing Seam



...to complex engineering

MILWAUKEE ART MUSEUM ADDITION

Milwaukee, Wisconsin

Designer: Santiago Calatrava, S.A.
Architect of Record: Kahler Slater Architects



LUTHER MIDELFORT

Eau Claire, Wisconsin

Architect: Ellerbe-Becket
Photo: William Lemke



AIRPORT PLAZA – NO. 3 Arlington, Virginia
Architect: Studios Architecture

Photo: William Lemke



READING AREA COMMUNITY COLLEGE - MILLER CENTER FOR THE ARTS Reading, Pennsylvania
Architect: Kallmann McKinnell & Wood, Architects, Inc.

Photo: William Lemke



HERITAGE VALLEY SEWICKLEY OUTPATIENT TESTING Sewickley, Pennsylvania
Architect: Valentour English Bodnar & Howell

Photo: William Lemke

Super Sky, the pioneer of extruded aluminum skylights, is continually researching new techniques in design, manufacturing and construction. Super Sky's investment in the latest hi-tech equipment, offers cost savings and precision methods to ensure your project is delivered on-time ... to your satisfaction. Super Sky has NEVER failed to complete a project.

Super Sky has experience incorporating unique skylight accessories such as; gutters, operable vents, glazed insulated metal panels, finials, louvers, cables, snow guards, trellises, removable units for machine maintenance, sunscreens and many more. Contact us in the design stage for assistance in coordinating these unique features.

The use of Super Sky's glass or polycarbonate systems contribute to the U.S. Green Building Council's LEED® Green Building Certification System.



SEATTLE PACIFIC UNIVERSITY SCIENCE BUILDING Seattle, Washington
Architect: The Miller/Hull Partnership

Photo: William Lemke



LIBRARY OF CONGRESS-NATIONAL AUDIO-VISUAL CONSERVATION CENTER Culpepper, Virginia
Architect: Smith Group

Photo: Marilyn Ott



GATEWAY SENIOR HIGH SCHOOL Monroeville, Pennsylvania
Architect: N. John Cuzolo Associates, Inc.

Photo: William Lemke







FAIR LAWN COMMUNITY CENTER Fair Lawn, New Jersey
Architect: The Ives Group

Super Sky's structural systems utilize tubular or I-beam aluminum extrusions. Framing is available in a variety of standard or custom shapes and sizes in aluminum alloys to meet your aesthetic and structural requirements. Super Sky's standard glazing system consists of retainers and snap-on caps, securing the glass to the sloping rafters. A high performance silicone wet seal is applied to ensure water tightness. Horizontal joints are flush glazed.



GEORGE BUSH PRESIDENTIAL LIBRARY AND MUSEUM College Station, Texas
Architect: HOK

Total flush glazing is Super Sky's proprietary 4-sided silicone system, with no concealed mechanical fasteners, resulting in no exposed caps.

Our advanced CAD/CAM system saves customers time and money. Direct connection to Super Sky's CNC machining center enables programmers to cut and prepare skylight components to precise dimensions, while digitally storing the information.

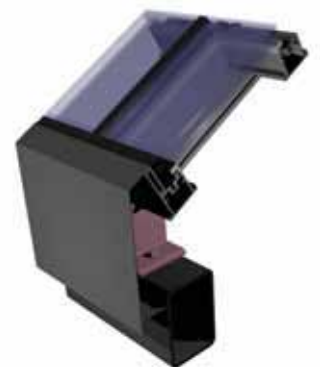


TUBE

I-BEAM



TWO-SIDED CAPPED



TOTAL FLUSHED GLAZED





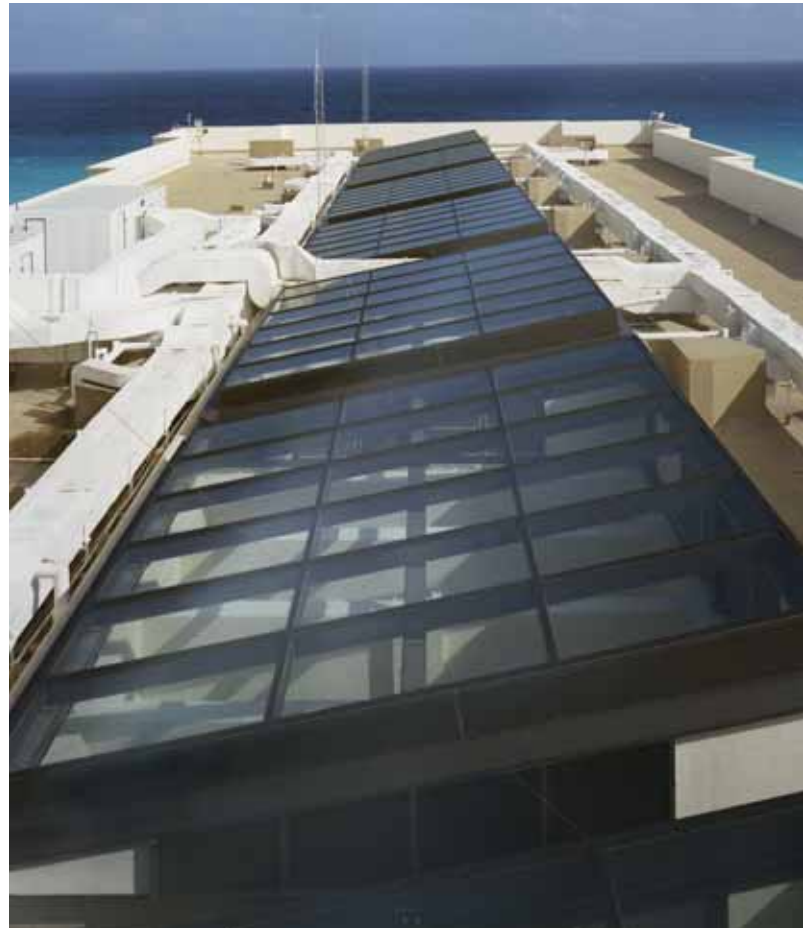
FIRST BAPTIST CHURCH EAST END

Newport News, Virginia

Architect: Architectural Design Group



THE CENTER FOR THE INTREPID-BROOKE ARMY MEDICAL CENTER Fort Sam Houston, Texas
Architect: Smith Group



CASAMAGNA MARRIOTT CANCUN RESORT
Cancun, Mexico

Photos: William Lemke



EMBASSY SUITES HOTEL St. Charles, Missouri
Architect: Butler Rosenbury and Partners

Photos: William Lemke

At Super Sky Products we set the standards, create the traditions and establish the principles for skylighting excellence. With almost 80 years in skylighting, our involvement in the conceptual stages of a skylight project has contributed greatly to the successful completion of over 10,000 projects *worldwide*. Super Sky's success is backed by strong financial resources and bonding capabilities.

Super Sky is your single source solution for each project...from initial concept to final installation...backing each project with our manufacturer's ten (10) year guarantee against defective design, materials, construction and leakage.

NORDSTROM CHANDLER FASHION CENTER Chandler, Arizona
Architect: Callison Architecture





THE NEW YORK TIMES BUILDING

New York, New York

Architect: Renzo Piano Building Workshop & Fox & Fowle Architects, P.C.

Photos: William Lemke





ST. MARY'S HOSPITAL EMERGENCY DEPARTMENT

Green Bay, Wisconsin

Architect: Berners-Schober Associates, Inc.



THE GEORGE FOREMAN RESIDENCE

Photos: William Lemke



THE GEORGE FOREMAN RESIDENCE





**OCONOMOWOC MEMORIAL HOSPITAL -
SURGERY FAMILY LOUNGE**

Oconomowoc, Wisconsin

Architect: Engberg Anderson

Super Sky Products, Inc. has a team of highly trained Technical Sales Representatives ready to assist you. These individuals are able to provide extensive information and resources to assist with your skylight needs.

Super Sky is an AIA/CES Registered Provider and is committed to providing quality learning tools to increase your knowledge and skills in extruded aluminum skylighting. Contact your Super Sky representative for more information.

Your nearest Technical Sales Representative can be found at www.supersky.com.



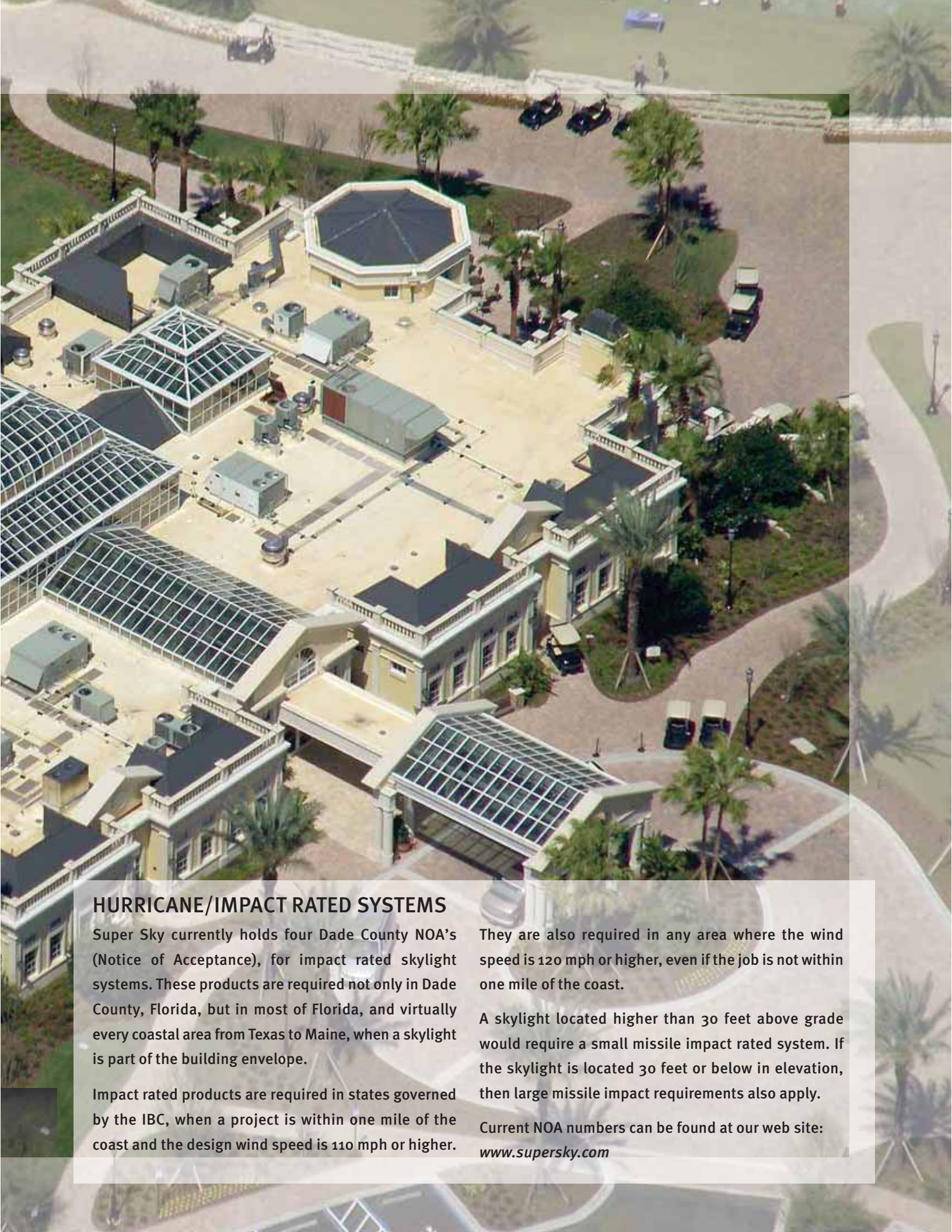


THE CONSERVATORY at HAMMOCK BEACH

Palm Coast, Florida

Architect: Marsh & Associates

Photo: skypics.com



HURRICANE/IMPACT RATED SYSTEMS

Super Sky currently holds four Dade County NOA's (Notice of Acceptance), for impact rated skylight systems. These products are required not only in Dade County, Florida, but in most of Florida, and virtually every coastal area from Texas to Maine, when a skylight is part of the building envelope.

Impact rated products are required in states governed by the IBC, when a project is within one mile of the coast and the design wind speed is 110 mph or higher.

They are also required in any area where the wind speed is 120 mph or higher, even if the job is not within one mile of the coast.

A skylight located higher than 30 feet above grade would require a small missile impact rated system. If the skylight is located 30 feet or below in elevation, then large missile impact requirements also apply.

Current NOA numbers can be found at our web site: www.supersky.com





LOS ANGELES COUNTY MUSEUM OF ART

Los Angeles, California

Architect: Smith Group
Photo: Evan Kelly



RESEARCH TRIANGLE FOUNDATION OF
NORTH CAROLINA HEADQUARTERS

Research Triangle Park, North Carolina

Architect: O'Brien/Atkins Associates, PA
Photo: William Lemke



Standing Seam
Photo: William Lemke

ARLINGTON VILLA RETIREMENT and NURSING FACILITY Arlington, Texas
Architect: PageSouthernlandPage

POLYCARBONATE



Our polycarbonate line consists of EDGE®, EDGE MAX® and Standing Seam systems for sloped and vertical applications.

THE EDGE®, a single layer system that is strong, silent, leak-free and fire safe. The skin system can be installed directly on steel supporting structures or as a self-supporting aluminum frame. The EDGE® system is ideal for smaller span skylights, canopies, walkway covers, and clearstory glazing. In addition, the EDGE® Hybrid system, consisting of structural members, is ideal for larger spanning conditions.

EDGE MAX®, a double layer system has the same features and benefits as the EDGE®, but with a flush appearance on both the inside and outside, offering a more aesthetic appearance. Added to this, are higher insulation values, improved shading properties and greater spanning capabilities required for larger spanning projects including atriums, stadiums, and shopping centers.



EDGE MAX®
Photo: William Lemke

GRACO RIVERSIDE OFFICE BUILDING Minneapolis, Minnesota
Architect: SLL/Leo A. Daly



EDGE®
Photo: William Lemke

ST. FRANCIS XAVIER CABRINI CATHOLIC CHURCH New Orleans, Louisiana
Architect: Greg Mascari



EDGE MAX®
Photo: William Lemke

CABELA'S RETAIL, INC. Kansas City, Kansas
Architect: KKE Architects, Inc.



EDGE® w/ Nanogel®
Photo: William Lemke

RICHARD STOCKTON COLLEGE OF NEW JERSEY Pomona, New Jersey
Architect: GBQC Architects



STANDING SEAM
Photo: William Lemke

WOODBRIDGE CENTER Woodbridge, New Jersey
Architect: spg³



EDGE®
Photo: Marilyn Ott

WMATA-SUITLAND STATION Washington, DC
Architect: Harry Weese & Associates





EDGE®

THE LOFTS OF STILLWATER

Stillwater, Minnesota

Architect: J. Buxell Architecture, Ltd.

Photos: William Lemke

UNIQUE FEATURES

- ▣ **U-Value**
 EDGE®: 10mm = 0.52; 16mm = 0.42;
 25mm = 0.28
 EDGE MAX® (10mm/10mm) = 0.26
- ▣ **Light Transmission**
 EDGE® = 20% to 80%
 EDGE MAX® = 4% to 66%
- ▣ **Shading Coefficient**
 EDGE® = 0.45 to 0.98
 EDGE MAX® = 0.28 to 0.94
- ▣ Class I or II flamespread.
- ▣ Panel widths can vary up to 5'-0" for 10mm and 16mm and 4'-0" for 25mm.
- ▣ Panel lengths up to 40'-0" for 10mm, 16mm or 25mm and up to nominal 20'-0" long for panels requiring Nanogel® filling.
- ▣ Panels can be curved (cold formed) to a radius as small as 5'-9" for 10mm, 9'-2" for 16mm and 14'-4" for 25mm (175 times the thickness of the panel).
- ▣ Panels can be fabricated to any shape – not limited to rectangular shapes.
- ▣ Up to 5'-0" unsupported spanning capabilities – depending upon design load, panel width and thickness.
- ▣ Allows for unrestricted linear/lateral panel movement.
- ▣ Can sustain high winds and gravity.
- ▣ Impact resistance of 200 ft. lbs.
- ▣ Unsupported spanning capabilities up to 17'-0" with EDGE MAX®.
- ▣ Ten (10) year guarantee.
- ▣ Standard Colors: Clear, Opal, Bronze.
- ▣ Premium Colors: White, Green.



EDGE®

THE LOFTS OF STILLWATER

Stillwater, Minnesota

Architect: J. Buxell Architecture, Ltd.



EDGE MAX®

PINELLAS SUNCOAST TRANSIT AUTHORITY

St. Petersburg, Florida

Architect: Parsons Brinckerhoff, Inc.

Photos: William Lemke



EDGE®

HOUSTON METRO LIGHT RAIL -
YARD & SHOP FACILITY

Houston, Texas

Architect: Powers Brown Architecture



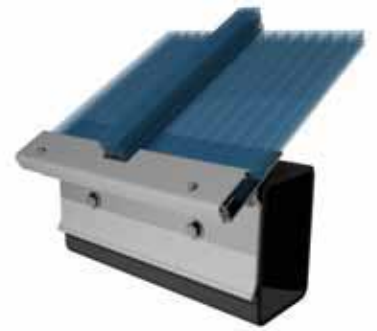
THE EDGE®



EDGE HYBRID



EDGE MAX®



STANDING SEAM



EDGE MAX®

ST. ANTHONY'S HOSPITAL-GARAGE LOBBY

St. Petersburg, Florida

Architect: O'Brien/Atkins Associates,
PA Harvard Jolly, Inc.



EDGE MAX®

THE METHODIST HOSPITAL - NEUROSENSORY CENTER

Houston, Texas

Architect: WHR Architects
Photos: William Lemke



**SUPER SKY Polycarbonate Systems
with NANO GEL®**



LORAIN COUNTY COMMUNITY COLLEGE Elyria, Ohio
Architect: Clark & Post Architects Inc.

Photo: Maguire Photographics

EDGE® w/Nanogel®

NANO GEL® aerogel is an insulating, light diffusing translucent material manufactured by Cabot Corporation.

Aerogel is a unique form of highly porous amorphous silica containing approximately 95% air. The unusual characteristic is the nature in which this air is distributed. Like a sponge, but with holes that are thousands of times smaller, aerogel suppresses the flow of heat more efficiently.

..... **NANO GEL® BENEFITS**

- ▣ Dramatically improved performance at a lower cost.
- ▣ Panel widths can vary up to 5'-0" for 10mm and 16mm and 4'-0" for 25mm.
- ▣ Panel lengths up to 20'-0" long.
- ▣ Best combined thermal insulation and diffused light transmission technology.
- ▣ Twice the insulating value.
- ▣ Reduction in sound transmission.
- ▣ Completely moisture resistant.
- ▣ Thermal insulation will not degrade over time.
- ▣ Does not support growth of mold, mildew or fungus.
- ▣ Color stable.
- ▣ Improved appearance and quality of light.
- ▣ Ten (10) year guarantee on workmanship, color stability and leakage.



EDGE® w/Nanogel®

ST. ANTHONY CATHOLIC PARISH Menomonee Falls, Wisconsin
Architect: Hammel, Green and Abrahamson, Inc.

Photo: William Lemke



Super Sky's polycarbonate Standing Seam System can be installed with the polycarbonate batten caps exposed to the exterior, or...should you desire a flush exterior appearance, the system can be reversed utilizing optional aluminum battens. It is perfect for applications requiring materials which offer high light transmission, thermal insulation, light in weight yet strong, high shock resistance, flame retardance, great economy, vandal resistance and design flexibility.

..... UNIQUE FEATURES

- ▣ U-Value: 0.20 to 0.37
- ▣ Light Transmission: 13% to 63%
- ▣ Shading Coefficient: .39 to .77
- ▣ Thickness: 16mm.
- ▣ Width: 600mm (23-5/8").
- ▣ Panel length up to 39'-0".
- ▣ Double sided U.V. protection.
- ▣ 3-piece aluminum clip allows for easy installation and noise free movement with panel expansion.
- ▣ Impact resistance of 220 ft. lbs.
- ▣ Ten (10) year guarantee.
- ▣ Colors: Clear, Opal, Ice Mist, Bronze, Green, Blue.



STANDING SEAM

ARLINGTON VILLA RETIREMENT and NURSING FACILITY Arlington, Texas
Architect: PageSouthernlandPage



STANDING SEAM

PULASKI ELEMENTARY SCHOOL Pulaski, Virginia
Architect: Oliver, Webb, Pappas & Rhudy, Inc.



STANDING SEAM

LOUISE RADLOFF MIDDLE SCHOOL Duluth, Georgia
Architect: Stevens & Wilkinson

Photos: William Lemke



STANDING SEAM

ST. JOSEPH MEDICAL CENTER-CARDIAC CARE

Bloomington, Illinois

Architect: Christner, Inc



STANDING SEAM

SIMON-WILLIAMSON CLINIC

Birmingham, Alabama

Architect: Gresham Smith and Partners

PHOTOVOLTAIC



Building Integrated Photovoltaics (BIPV) generate power from solar collection surfaces that create savings in electricity costs, reduce fossil fuel consumption, and emission of ozone depleting gases. BIPV skylights allow solar power to produce some of the electricity used in your building, while adding an architectural interest that tells the world you are committed to renewable energy and green building.

Super Sky Products is not only the world leader in skylighting, we are also the United States leader in BIPV skylights. Super Sky has constructed hundreds of projects incorporating our high standards of skylight design, construction and weatherproofing, as well as photovoltaic power generation. Because of this experience, we can offer a turn-key approach to your BIPV project.

Due to our years of experience in BIPV, Super Sky worked with Underwriters Laboratories (UL) to help develop their new category “Building-Integrated Photovoltaic Mounting Systems” (QHZQ). *We are also the first company to have an approved UL Classified BIPV mounting system. Our UL Classification file number is E247515.*



REI RETAIL STORE
Boulder, Colorado

Photo: Paul Brokering Photography



Photo: William Lemke

JAMES CITY COUNTY GOVERNMENT CENTER Williamsburg, Virginia
Architect: DMJM



Photo: William Lemke

AUSTIN CITY HALL Austin, Texas
Architect: Cotera Kolar Negrete & Reed Architects



Photo: William Lemke

TRANSPORTATION INN-BUILDING 1750 Ft. Eustice, Virginia
Architect: DJG, Inc.

- Same advantages of a standard Super Sky skylight, including natural daylighting, solar shading, high quality design, workmanship and industry leading ten (10) year guarantee against leakage.
- Incorporates photovoltaics into your building project with the minimal possible additional cost for infrastructure. The skylight glass is changed to photovoltaic modules. Wiring is handled internally in the skylight extrusions.
- Turn key design for the BIPV system, encompassing the proper skylight design and construction, photovoltaic array design, coordination of all electrical components with building electrical systems, and commissioning of installed product.
- Custom sizes and unlimited design configurations, utilizing custom thin film and crystalline (mono or poly) PV modules, are possible.
- Combining standard glazing products with PV modules creates architectural interest and generates electricity.
- Unlimited possibilities; covered walkways, shaded parking, entrances, gas stations, transit canopies, atriums, etc.
- The use of Super Sky’s photovoltaic systems contribute to the U.S. Green Building Council’s LEED® Green Building Certification System for natural daylighting and photovoltaics.





Point Supported Glass (PSG) systems, originated in Europe, are quickly gaining popularity in the United States. Our systems offer a reduction of visible barriers by eliminating the need for additional support framing to capture the glass. Precision fabricated glass, which is fitted with stainless steel spiders and rotules, can be designed to complement any building entrance or façade.



NATIONAL STARCH AND CHEMICAL CORPORATION Bridgewater, New Jersey
Architect: Henderson Design Group

..... PSG CHARACTERISTICS

- Glass and supports are structurally analyzed to ensure adequate glass strength.
- Rotules can either be countersunk or buttonhead.
- Stainless steel spiders with standard satin finish (premium finishes available).
- Minimum glass thickness to be $13/16$ " laminated.
- All glass lites to be fully tempered and heat soaked.
- Minimum interlayer thickness to be 060".
- Solutia RA or RB PVB interlayer (white available).
- Exposed glass edges to be polished.



CHEVY CHASE CENTER Chevy Chase, Maryland
Architect: HOK



DOMUS APARTMENTS AT CHESTNUT Philadelphia, Pennsylvania
Architect: Design Collective

Photos: William Lemke





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