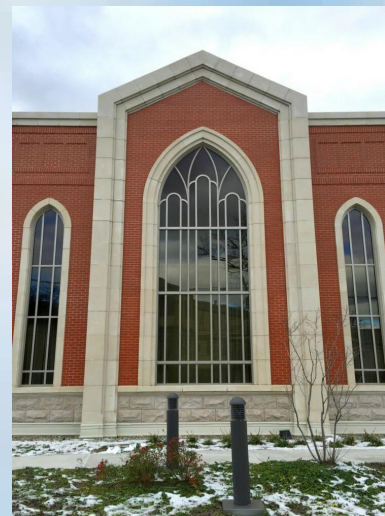


**America's Finest Custom
Aluminum Windows for
Churches, Chapels, Synagogues,
Memorial Buildings, Universities,
Hotels, Office Buildings,
Libraries, Restaurants, etc.**



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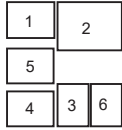


Since 1906

Sussman Architectural Products CO. LTD.

MANUFACTURERS OF AMERICA'S FINEST ARCHITECTURAL METAL PRODUCTS AND SERVICES

Cover Photos:

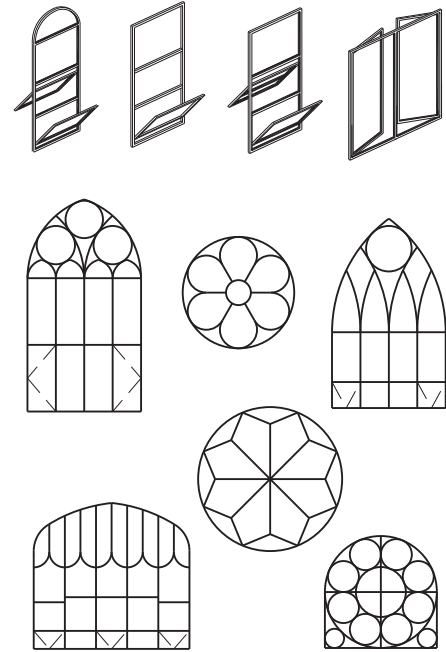


- 1. St. John The Evangelist**
St. John, IN
Foster Stained Glass
Bryon TX
- 2. Jesus Christ Latter Day Saints**
Englewood, NJ
Eighteen Glass
EastBrunswick NJ
- 3. Covenant Presbyterian Church**
Nashville TN
Emmanuel Stained Glass
Nashville TN
- 4. St Michael's Catholic Church**
Biloxi, MS
Emil Frei Stained Glass
St Louis MO
- 5. Holy Name of Jesus Cathedral**
Raleigh NC
Beyer Studio
Philadelphia PA
- 6. Jesus Christ Latter Day Saints**
Englewood, NJ
Eighteen Glass
EastBrunswick NJ

Sussman Architectural Products windows can be produced in virtually any shape or size, with or without thermal breaks and with true muntins. They can be configured with combinations of fixed, projected and casements. Our 300 Series is even available with the historical church window standard, the Horizontally Center Pivoted ventilator.

Sussman Architectural Products has the largest selection of systems specifically designed for church windows providing the best product in the right price range to suit every budget.

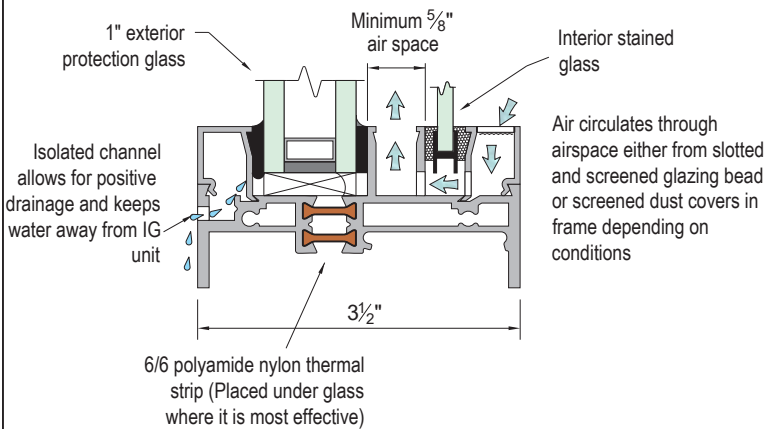
With an ever-increasing emphasis on color and aesthetics in the construction industry, **Sussman Architectural Products** has developed two new window systems to help meet this demand. **Sussman Architectural Products** has the in-house ability to produce windows with different colors and finishes to the exterior and interior. This is done with the use of *Thermal Strip® technology*. Two different aluminum extrusions can be finished independent of each other and then joined together with two 6/6 polyamide nylon thermal strips. Besides being thermally efficient, these high strength strips have the same coefficient of expansion as aluminum so that dry shrinkage is eliminated and the structural integrity of the window is intact. The result is a stronger thermally improved window with capability of different colors and finishes inside and out.



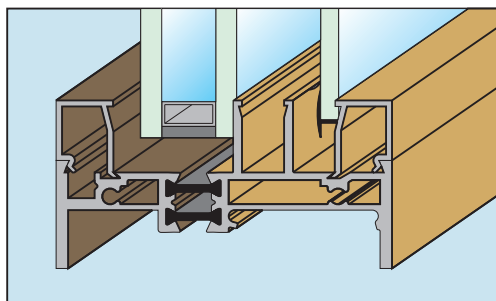
Triple Glazed Thermal Church Windows for Stained and Insulated Protective Glass

6400 Series - 3 1/2" Deep

With Venting and Weeping Option



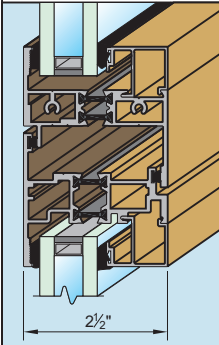
- Main frame and sash members are a full 3 1/2" deep with double tubular ventilators, frame, muntins and meeting rails. Other depths are available.
- Triple glazed thermal barrier design that can accommodate 1" protective insulated glass with another 5/8" airspace between the art glass insulates the cold outside temperatures from the warmer inside temperature and helps eliminate condensation and noise infiltration. Insurance costs can be substantially lower as a result.
- The separation of art and protective glass is achieved by a channel that is an integral part of the extrusion. *(Not an add on piece.)* This channel acts as a condensation gutter and helps prevent air and water infiltration.
- Separate glazing beads allow either glass to be installed without disturbing the other. Protective glass can be installed at time of erection and art glass can be installed at the owner's convenience. *(Stained glass can be an excellent fund raiser)*
- Ventilators have 3 rows of continuous weatherstripping.
- Windows can also accommodate interior faceted glass and an exterior protective glass or 1/4" protective glass and stained glass.
- **Special Feature:** Large sections of insulated glass can be installed on the exterior and for the art glass special narrow sightline muntins can be placed in the interior of the frame in virtually any shape or size to suit the design and help keep costs down. *(These interior muntins can also be installed at a later date to fit the design.)*



Our in-house Thermal Strip system gives us Dual Color finishing capability. **(Interior/ Exterior)**

Sussman Architectural Products Custom Windows

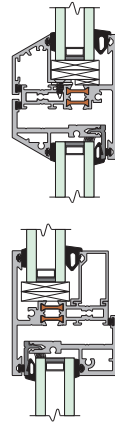
Dual Color Custom Thermal Windows 4200 Series - 2½" Deep



- Full 2 1/2" deep frame with double tubular sash, muntins and intermediate rails. Other depths are available. (*Consult factory for full specifications*)
- Thermal Strip technology for added strength and Dual Color finishing capability. (**Interior/ Exterior**)
- All corners are fastened on each side of the thermal break. Sash corners are mitered, heavy angle reinforced and hydraulically crimped and epoxy welded.
- Flush design eliminates dust shelves and water traps and helps create a clean, neat appearance.

Historic Replication and Equal Sightline Windows

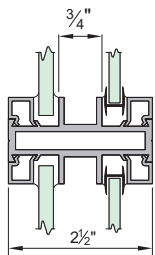
4600 and 4800 Series - 2½" Deep



- The 4800 Series has equal sightlines for both vent and fixed lites making the ventilators concealed and indistinguishable from the fixed lites.
- The 4600 series is a historical replication window with a beveled exterior and with narrow and equal site lines at vents and fixed lites.
- Both are Thermally broken using Thermal Strip technology© to allow different finishes interior and exterior. Available as inswinging and outswing ventilators and casements, fixed lites or combinations of each.

Double Glazed Custom Church Windows for Stained and Protective Glass

300 Series - 2½" Deep

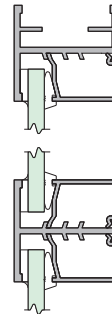


- 2 1/2" Deep
- Designed to receive protection glass on the exterior and art glass on the interior with a minimum 3/4" air space in between.
- Either glass can be installed or replaced without disturbing the other.
- Glass is separated by a channel that is an integral part of the extrusion and also acts as a condensation gutter. (*Not and add on piece*)
- Narrow sightlines to maximize the exposure of art glass.

Non-Thermal Custom Windows

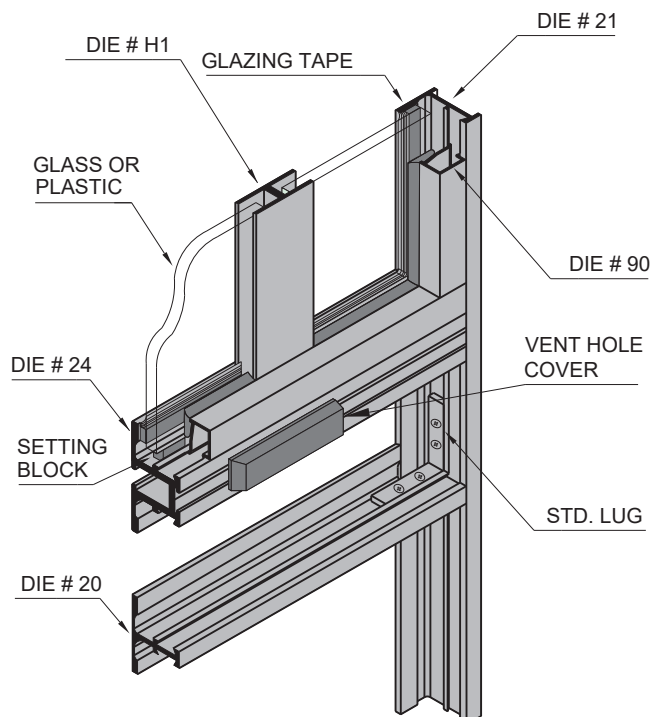
Ideally suited for protective glazing of existing stained glass windows. Can be fully vented.

200X Series - 1⅝" Deep



- Full 1 5/8" deep frame with tubular sash will meet and/or exceed AAMA C-50 commercial performance specifications.
- Metal strategically placed to give maximum strength.
- Flush design eliminates dust shelves and helps create a clean, neat appearance.

Aluminum Extrusions In Stock Lengths Designed Specially for the Stained and Art Glass Trade

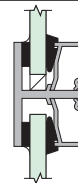


These aluminum extrusions are available to qualified glazing contractors and stained glass professionals for protective coverings of existing stained glass windows and for interior stained glass windows. Protective glazing can be vented with our exclusive "Venting Tee".

They are sold in 15' stock lengths and stocked in Clear and Dark Bronze Anodized and White and Bronze painted finishes.



The 20 Series is designed for protective glazing. These sections have the deep rabbet necessary to take the expansion and contraction of plastics and large pieces of glass. These sections have lighter walls and are more economically priced. A special "Tee" is available to vent the air space between the stained glass and protection glass. The "venting Tee" is available with screens and hoods to prevent insect, dust and rain infiltration.



The 10 Series, like our 20 Series, is designed for protective glazing. These sections have heavy 1/8" thick walls to give this series additional strength.



The 100 Series was introduced over 45 years ago and has become the standard for the stained and art glass industry. This series was designed for maximum strength and minimum sightlines to enhance the beauty of the art glass. It is used mainly for interior applications.



Sussman Architectural Products

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Sussman Architectural Products Metal Curving

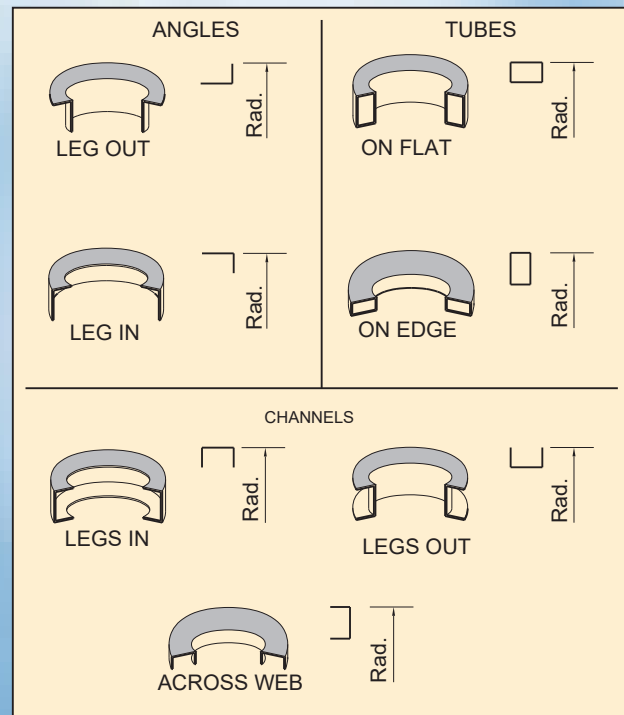
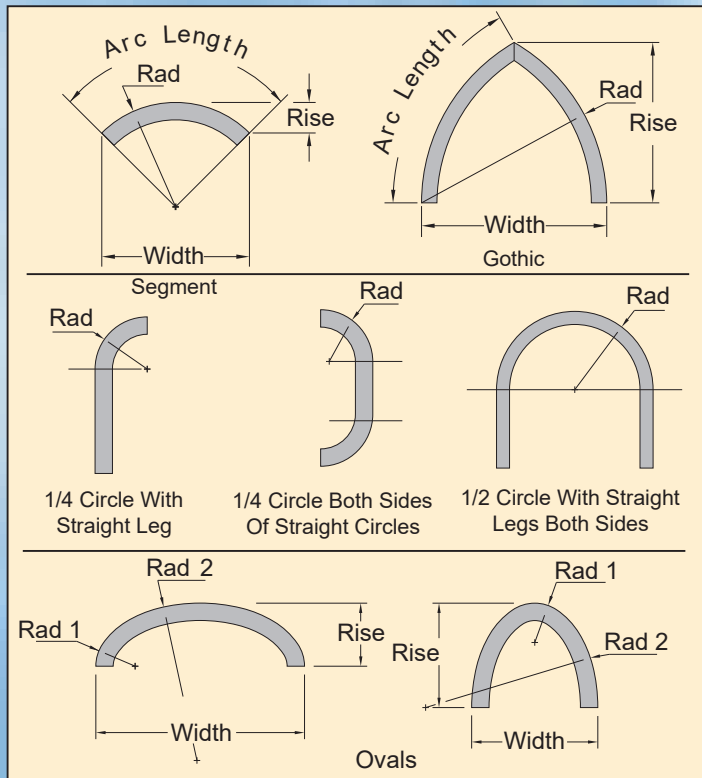
Since 1906 **Sussman Architectural Products** has been a pioneer in the advancement of metal curving technology. Our innovative processes have resulted in many thousands of highly successful projects that continue to stand the test of time.

With our various methods of metal curving, **Sussman Architectural Products** has the ability to curve virtually all metals to an unlimited variety of shapes and sizes. No job is too large or too small. We regularly curve storefront and curtain wall tube, aluminum angles, channels, rectangular and round tubes, pressure plates and caps, and thermal break extrusions. They can be formed to circles, segments and ovals and can usually have tangents when required. In addition to aluminum we can curve other metals.

As a leading architectural metal manufacturer, **Sussman Architectural Products** has the capabilities of complete fabrication. Our experience in fabricating curved materials often make the job more cost effective and accurate when we do the fabrication. It is often advantageous for a **Sussman Architectural Products LLC** engineered system to be submitted for the curved part of the job.



Yeshiva of Spring Valley, Spring Valley NY
Glazing Contractor: Ailamos, Bronx NY



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