

Product Designer – Architectural Glazing

A southeastern Michigan translucent daylighting manufacturer is seeking a career-oriented individual to design custom polycarbonate and aluminum structures.

We are a leading innovator in custom outdoor structures, translucent daylighting systems, interior systems, and illuminated walls & ceilings. We are experts in advanced polycarbonate technology. We work with architecture, design, construction, and facility management professionals to design and build custom solutions for commercial, industrial, educational, hospitality, retail and healthcare facilities.

General Description

The Product Designer position will be full time employment designing architectural glazing systems.

Primary Responsibilities

- Work as part of the team and provide leadership & problem solving to ensure **customer satisfaction** on the highest level at all times.
- Interact directly with the customer and design professionals to define scopes of work, develop design, and provide field support. Provide technical support as needed.
- Work with Sales and Estimating to review bid & construction documents for design requirements and develop material take-offs.
- Develop design based on scope of work and contract documents. Produce submittal documents.
- Generate drawings for Structural Engineer consultant as required and assist in development of structural calculations.
- Generate complete Bill of Material.
- Generate Production File for fabrication, packaging, and installation.
- Provide investigative problem solving resolve any product issues.
- Develop standard details and installation instructions for new and existing products.
- Oversee fabrication of prototypes and samples as needed to check for proper design and assembly.
- Product portfolio will include vertical glazing, skylights, canopies, illuminated systems, and specialty enclosures.

Requirements

- Working knowledge and experience in the design and construction industry.
- Proficiency at reading and interpreting architectural drawings and specifications.
- Proficiency with AutoCAD and 3D design systems is required. Experience with **Solidworks** program is strongly desired.
- Proficient in the use of Microsoft Office software.
- Excellent interpersonal and customer service skills, including written and verbal communication skills.
- Well organized with the ability to manage a varied workload and to accommodate shifting priorities.
- Knowledge of building codes and industry testing standards.
- Familiarity with the U.S. Green Building Council LEED project information is required and the ability to achieve LEED AP accreditation is desired.
- Experience with electrical and lighting design is desired.
- Limited travel may be required based on job requirements or the need for customer or field support.
- Experience with Project Management is desired.

- Bachelor's Degree in Architecture or Engineering (structural, civil, or mechanical), or similar design / construction industry degree..
- Minimum 7 years experience in architectural products industry preferred. Experience in architectural design, construction, furniture, or similar industry required

Benefits

- We offer a competitive benefit package including Health, Dental & Life benefits Vacation and Paid Personal Days benefits. The cafeteria plan offered includes Short & Long Term Disability benefits and 401(k) Savings & Retirement plans.
- We are an Equal Opportunity/Affirmative Action Employer.