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## PRODUCT SPECIFICATION.

Please review all portions of this specification to confirm compliance to site conditions and local building codes.

### **SECTION 08 8800**

#### **General Glazing**

### **SECTION – 08 8130**

#### **Decorative Glass**

## **PART 1 – GENERAL**

### **1.1 SUMMARY**

- A. The section includes furnishing and installation of Speciality Lamainted glass & Interlayer.

### **1.2 COORDINATION / RELATED SECTIONS**

#### A. Related Sections:

1. Drawings, General and Supplementary Conditions of the Contract, Division 1 and the following specifications sections apply to this section.
2. Section 08 41 00 - Entrances and Storefronts
3. Section 08 42 00 - Entrances
4. Section 08 43 00 - Storefronts
5. Section 08 44 00 - Curtainwalls and Glazed Assemblies
6. Section 08 50 00 - Windows
7. Section 08 60 00 - Skylights

- B. Section Includes: Glass including, heat-treated glass, insulating glass units, silk-screened glass, spandrel glass and laminated glass.

### **1.3 REFERENCES**

- A. ANSI Z97.1 – American National Standard for Glazing Materials Used in Buildings –
- B. ASTM C162 – Standard Terminology of Glass and Glass Products.
- C. ASTM C1036 – Standard Specification for Flat Glass.
- D. ASTM C1048 – Standard Specification for Heat-Treated Glass – Kind HS, Kind FT Coated and Uncoated Glass.
- E. ASTM C1172 – Standard Specification for Laminated Architectural Flat Glass.
- F. ASTM E1300 – Standard Practice for Determining the Minimum Thickness and Type of Glass Required to Resist a Specified Load.
- H. ASTM E2188 – Standard Test Method for Insulating Glass Unit Performance.
- I. ASTM E2190 – Standard Specification for Insulating Glass Unit Performance and Evaluation.
- K. CSPC 16 CFR 1201– Safety Standard for Architectural Glazing Materials.
- L. GANA Glazing Manual: Glass Association of North America.

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- M. GANA Sealant Manual: Glass Association of North America.
- N. GANA Laminated Glass Design Guide: Glass Association of North America.

## 1.4 SUBMITTALS

- A. To comply with Section 01330 – Submittal Procedures
- B. Product Data: provide product literature from manufacturer
- C. Engineering Report: Submit Report

## 1.5 DELIVERY, STORAGE and HANDLING

- A. Materials to be delivered to site in manufacturer's unopened, crates with labels indicating manufacturer name and product type.
- B. Materials to be stored in a clean and dry indoor location.
- C. Materials to be protected from damage during handling and installation.

## PART 2 – PRODUCTS

### 2.1 MANUFACTURER, PRODUCT

- A. Paragon Architectural Products, LLC  
Phone (480) 767-8266                      www.glassengineer.com  
Fax (480) 767-8267                        info@glassengineer.com
- B. Specialty Laminated Glass & Interlayer

### 2.2 MATERIALS

- A. Select lamination material (describe decorative interlayer material or embedded materials)
- B. Glass Material Specify Float Type (standard clear, low-iron, tinted)
- C. Glass Composition
  - 1. Describe glass thickness / layers.
  - 2. Describe interlayer formulation.
- D. Visual / Decorative. (Architect to indicate of graphic is vector pattern and high-resolution imagery. Architect to digital drawing of vector graphic or high resolution digital image file)

## PART 3 - EXECUTION

### 3.1 EXAMINATION

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- A. Inspect area to receive glazing panels prior to installation. Notify Architect of any condition that may affect installation or subsequent use. Don't commence installation until proper site conditions exist.

## **3.2 INSTALLATION**

- A. Manufacturer to confirm with General Contractor, Subcontractor's qualification. Subcontractor to be responsible for receiving glass products at site and for installation of glazing materials.
- B. Adhere to Structural Support Requirements.
- C. Use silicon adhesive compatible with laminated glass.
- D. Ensure glazing sits on level surface.

## **3.3 CLEANING, PROTECTING**

- A. Installer to clean all surfaces of glazing after installation is completed.
- B. Glazing to be protected from damage after installation is complete until date of acceptance by Owner.

**END OF SECTION**