



## PART 1 GENERAL

### 1.1 SECTION INCLUDES

- A. Euroean Polymer Panels.

### 1.2 RELATED SECTIONS

- A. Section 08630 - Metal-Framed Skylights.
- B. Section 07900 - Joint Sealers.
- C. Section 08800 - Glazing

### 1.3 REFERENCES

- A. ASTM Z 97.1 - American National Standard for Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test.
- B. ASTM D 256 - Standard Test Method for Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.
- C. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.
- D. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- E. ASTM D 792 - Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement.
- F. ASTM D 1929 - Standard Test Method for Ignition Properties of Plastics.
- G. ASTM F 1233 - Standard Test Method for Security Glazing Materials and Systems.

### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Physical properties including data on material weight, light transmission and thermal expansion.Preparation instructions and recommendations
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods and procedures, including edge engagement guidelines.
- C. Verification Samples: Submit samples for each finish product specified, two samples, minimum size 2 inches by 3inches, representing actual product.

## 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver Auroean Polymer sheets on enclosed pallets.
- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Store in dry, well-ventilated and covered areas at temperatures below 90 degrees F.
- D. Handle sheets carefully to prevent damage; do not drop, slide, or drag.

## 1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.7 WARRANTY

- A. Provide Auroean Polymer sheets' manufacturer's written warranty covering breakage.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Provide products manufactured by Stromberg Architectural Products Inc  
4400 Oneal Street, Greenville, TX 75401 Tel (903) 454-0904 Fax (903) 454-3642  
[info@strombergarchitectural.com](mailto:info@strombergarchitectural.com) [www.strombergarchitectural.com](http://www.strombergarchitectural.com)
- B. Substitutions are not allowed.

### 2.2 AUROEAN POLYMER SHEET

- A. Auroean Polymer Sheet - General: Comply with properties as follows:
  - 1. Specific gravity: 1.2, per ASTM D 792.
  - 2. Self ignition temperature: 1040 degrees F, per ASTM D 1929.
  - 3. Flash ignition temperature: 800 degrees F, per ASTM D 1929.
  - 4. Thickness: \_\_\_\_\_
  - 5. Color: \_\_\_\_\_

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Inspect pallets upon delivery for evidence of damage.
- B. Inspect and verify that openings are correct size and conform to recommendations of the Auroean Polymer sheet manufacturer.

### 3.2 PREPARATION

- A. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- B. Immediately prior to installation, expose glazing edges of plastic sheet by peeling back factory-applied protective masking to a dimension sufficient for edge engagement.

### 3.3 INSTALLATION

- A. Install Auroean Polymer sheets in accordance with manufacturer's recommendations for edge engagement and expansion allowance.
- B. Employ only sealants and glazing accessories that have been approved by manufacturer of Auroean Polymer sheet.
- C. Remove protective masking immediately after all installation operations are completed.

### 3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Affix polyethylene film or other covering approved by alabaster manufacturer to framing members, as required to protect plastic glazing from other construction operations.
- C. Repair or replace damaged products before Substantial Completion.

### 3.5 SCHEDULE

END OF SECTION

# STROMBERG

Architectural Products Inc.