



PRODUCT SPECIFICATION.

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

**SECTION 08 8800
GENERAL GLAZING – SWITCHABLE PRIVACY GLASS**

**SECTION 08 8870
SPECIALTY GLAZING – SWITCHABLE PRIVACY GLASS**

PART 1 – GENERAL

1.1 SUMMARY

- A. The section includes furnishing and installation of Specialty Laminated, Switchable Privacy Glass.

1.2 COORDINATION/RELATED SECTIONS

- A. Coordinate related support structure / framing structure per drawings and specification in related Miscellaneous Metals Section. [List Related Sections](#)

1.3 REFERENCES

- A. ASTM C1048, Standard Specification for Heat Treated Glass—Kind HS, Kind FT Coated and Uncoated Glass
- B. ASTM C1172-91, Standard Specification for Laminated Architectural Flat Glass
- C. ASTM C1036, Standard Specification for Flat Glass

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.

paragon

architectural products, llc

PART 2 – PRODUCTS

2.1 MANUFACTURER & PRODUCT

- A. Paragon Architectural Products, LLC
10239 East Shangri-La
Scottsdale, AZ 85260

Phone (480) 767-8266 www.glassengineer.com
Fax (480) 767-8267 info@glassengineer.com
- B. PARAGON: Switchable Privacy Glass

2.2 MATERIALS

- A. Glass Material
PARAGON: Switchable Privacy Glass, k.tex series 2415.A selective privacy glass
- B. Glass Composition
 1. Specify Float Glass Type, ie. annealed, tempered, tint, color, etc.
 2. Interlayer is K.tex series 2415.A selective privacy LC film bonded together utilizing LTI SG conductive adhesive interlayer. (Poured resin interlayer in lieu of LTI SG conductive adhesive interlayer does not comply with specification or technical requirements of the switchable film)
 3. Indicate location and length of electrical wire lead escaping glass panel
- C. Power Conditioners
Indicate # of power conditioners required. Each power conditioner is able to operate up to 100 sq. ft. of glass surface.

PART 3 - EXECUTION

3.1 EXAMINATION

- 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 / framing requirements.

paragon

architectural products, llc

- C. Use only Dow 995 neutral cure silicon. Use of any other adhesive, sealant may cause permanent damage to the switchable privacy panel and will void warranty.
- D. Ensure glazing sits on level surface and that glass weight is evenly distributed in glazing channel or via setting blocks.
- E. General contract or to coordinate with glazing subcontractor and electrical subcontractor to provide proper wiring and of switchable privacy glass panels.

3.3 CLEANING, PROTECTING

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

END OF SECTION