



PRODUCT SPECIFICATION.

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

SECTION 08 8800

General Glazing – Channel Glass U-Profile Glass Systems for Interior & Exterior

SECTIONS 08 8125 / 08 4327

U-Profile Glass Systems for Interior & Exterior

PART 1 – GENERAL

1.1 SUMMARY

- A. The section includes furnishing and installation of interior & exterior U-Profile Channel Glass Systems.

1.2 COORDINATION/RELATED SECTIONS

- A. Coordinate related support steel support system 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

1.4 SUBMITTALS

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

1.5 DELIVERY, STORAGE and HANDLING

- A. Materials to be delivered to site in manufacture'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

paragon

architectural products, llc

- A. Paragon Architectural Products, LLC
U-Profile Channel Glass System.
- Phone (480) 767-8266 www.glassengineer.com
Fax (480) 767-8267 info@glassengineer.com

2.2 MATERIALS

- A. Structural Requirements.
Single source system to include all components ie, glass channel, gasketing & framing (perimetr angles, chnanles, etc).
- B. Engineering of system to address structural composents as indicated below.
1. Load Ratings
 2. Deflection Rating
 3. Support Structure
- B. Glass Material **Specify Float Type (standard clear, low-iron, color coating)**
- C. Glass Composition
1. Material to be in compliance with ASTM C 1036, Type 2, Class 1 Quality 3, for cast / rolled glass in u-channel format.
 2. Material to be comliant with ANSI Z97.1.
 3. Material to be compliant with ASTM C 1048.
 4. Material tobe compliant with DIN EN 572.1, DIN EN 572.7.
- D. Visual / Decorative (optional)
1. Select coloration (clear, low-iron, color coated)

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 Requirements.
- C. Use silicon adhesive compatible with laminated glass.

paragon

architectural products, llc

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