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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 – Glass Floor

SECTION 09 6240

Glass Flooring & Framing

PART 1 – GENERAL

1.1 SUMMARY

- A. The section includes furnishing and installation of Glass Floor, Glass Landings or Glass Treads.

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
- B. ASTM C1172-91, Standard Specification for Laminated Architectural Flat Glass
- C. ASTM C1036, Standard Specification for Flat Glass
- D. ASTM C2751, Standard Standard Practice for the Design and Performance of Supported Glass Walkways.

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.

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- C. Materials to be protected from damage during handling and installation.

PART 2 – PRODUCTS

2.1 MANUFACTURER, PRODUCT

- A. Paragon Architectural Products, LLC
Durascreen Anti-Slip Glass
Phone (480) 767-8266 www.glassengineer.com
Fax (480) 767-8267 info@glassengineer.com
- B. DURASCREEN ANTI-SLIP GLASS
or
T-GLAZ ANTI-SLIP GLASS
or
OHAKE SERIES ANTI-SLIP GLASS

2.2 MATERIALS

- A. Structural Requirements
1. Load Ratings
 2. Deflection Rating
 3. Support Structure
- B. Glass Material **Specify Float Type (standard clear, low-iron, tinted)**
- C. Glass Composition
1. Top Layer **Thickness** Tempered Durascreen Anti-Slip Pattern **TBD**
 2. Interlayer to be minimum 1.52mm (0.60”) **SGP/PVB** interlayer. (Poured resin interlayer in lieu of PVB/SGP do not comply with specification)
 3. Middle and subsequent bottom layers **to be specified per loading requirements. Indicate all layers thickness per spec Heat Strengthened, Tempered, Annealed.**
- D. Visual / Decorative (optional)
1. Decorative interlayer, transparent, translucent, opaque, color.
 2. Logo. Indicate location and surface # for product logo.

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.

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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