

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Custom printed perforated window film.
- B. Related Sections:
 - 1. Division 1: Administrative, procedural and temporary work requirements.

1.2 REFERENCES

- A. Window film and its installation shall comply with applicable provisions of the latest edition of the following standards and with requirements of authorities having jurisdiction:
 - 1. National Fire Protection Association 101 Life Safety Code.
 - 2. ASTM – American Society for Testing and Materials E84.

1.3 SUBMITTALS

- A. Submittals for Review:
 - 1. Panel schedule in manufacturer's format for verification of graphic image and copy.
 - 2. Approval drawings showing materials, print detail, lay-out, size, graphic and installation method.
 - 3. Elevation drawings.

1.4 QUALIFICATIONS

- A. Manufacturer specializing in manufacturing the products specified in this section with minimum 5 years' experience. Obtain from one source and a single manufacturer.

1.5 WARRANTY

- A. Provide manufacturer's warranty against defects in materials and workmanship for minimum 5 years.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Window film shall be Eclipse as manufactured by Takeform, 1.800.528.1398, www.takeform.net or Architect approved equal.

- B. Substitutions: Bidder must obtain prior written approval from the Architect and/or Owner to bid alternates or substitutions to the specification. Any request for substitutions must be accompanied by a listing of the specific points of deviation.

2.2 STANDARDS

- A. Color and Finishes:
 - 1. Colors, patterns and artwork: see drawings.
 - 2. Graphic Background: see drawings.
 - 3. Finishes are to meet current federal ADA and all state and local requirements.

2.3 WINDOW FILM

- A. Window film:
 - 1. Film shall be suitable for glass and transparent surfaces and for indoor/outdoor use. Film shall allow an image to be seen on the exterior of glass while enabling viewing through perforations from the interior.
- B. Materials:
 - 1. Film shall be 60/40 micro-perforated vinyl, 40% transparency with a thickness of 6 mil.
 - 2. Film shall be printed with UV or latex ink.
 - 3. Film shall resist mild alkalis, mild acids, salt and water.
 - 4. Film shall be cleanable using mild dish soap and water.
 - 5. Film shall be self-extinguishing with respect to flammability.
 - 6. Film shall adhere with a pressure sensitive adhesive.
- C. Colors, Patterns and Artwork:
 - 1. Refer to drawings.
- D. Size:
 - 1. Refer to drawings.
- E. Quantities:
 - 1. Refer to drawings.

2.4 INSTALLATION METHOD

- A. All film shall be installed dry in ambient temperatures above 45° F. Film shall be allowed to normalize to room conditions for 48 hours prior to installation.

PART 3 EXECUTION

3.1 SITE VISITS

- A. Site visits – 3 site visits shall be required by the sign contractor:
 1. Prior to submission of bid for site assessment and evaluation.
 2. Post award for the purposes of meeting with Owners and project manager.
 3. Final walk-through and punchlist.

3.2 DELIVERY, STORAGE, PROTECTION

- A. Package to prevent damage or deterioration during shipment, handling, storage and installation. Products should remain in original packaging until removal is necessary. Store products in a dry, indoor location.

3.3 EXAMINATION

- A. Installer shall examine panels for defects, damage and compliance with specifications. Installation shall not proceed until unsatisfactory conditions are corrected.

3.4 INSTALLATION

- A. General: Installation locations shall be in accordance with specifications. Locate where indicated using installation methods in compliance with manufacturer's written instructions:
 1. The contractor shall coordinate installation schedules with the Owner and/or Construction Manager.
 2. Installation shall be performed by manufacturer's personnel trained and certified in manufacturer's methods and procedures.
 3. The contractor shall submit a CAD generated location plan noting the location of all graphic panels.
 4. Panels shall be level, plumb, and at locations indicated with surfaces free from defects.
 5. Upon completion of the work, contractor shall remove unused or discarded materials, containers and debris from site.

END OF SECTION