



Section 09 70 00 INTERIOR GLASS FINISHES

****SPECIFIER NOTE****

Clear Hue Interior Glass Finishes

These sections are based on products distributed by Clear View Window Tinting, LLC (DBA Clear View Window Film Solutions), and Clear Hue custom printed design products for interior glass surfaces.

Clear View Window Tinting, LLC is located at:

1720 Allied Street

Charlottesville, VA 22903

434.996.8468 (office)

434.806.2088 (owner)

Email: Request for Info – sales@clearhue.com (mailto: sales@clearhue.com)

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Clear Color Window Film

1.2 RELATED SECTIONS

****SPECIFIER NOTE**** Delete non-relevant section(s) below: add others as required.

- A. Section 08800 – Glazing: General Glazing applications to receive interior design glass finishes
- B. Section 08900 – Glazed Curtain Walls: Curtain Walls to receive interior design glass finishes

1.3 REFERENCES

****SPECIFIER NOTE**** Delete references below that are not required by the edited sections.

- A. CPSC Part 1201 – Safety Standard for Architectural Glazing Materials.
- B. International Window Film Association (IWFA) – Architectural Visual Inspection Standard for Applied Window Film as Adopted by The IWFA May 15, 1999.
- C. ASTM G 26 – Standard Practice for Performing Accelerated Outdoor Weatherizing for Non-metallic Materials Using Concentrated Natural Sunlight.

1.4 PERFORMANCE REQUIREMENTS

- A. Flammability (performance to ASTM E84):
 - 1. Flammability: Surface burning characteristics when tested in accordance ASTM E 84:

- a. Flame Spread Index: 25, maximum.
- b. Smoke Developed Index: 450, maximum.
- B. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01 30 00
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Selection Samples: For each finish product specified, 1 complete electronic set of color chips representing manufacture's full range of available colors and patterns.
- D. Verification Samples: For each finish product specified, two samples representing actual product, color, and patterns.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of ten (10) years' experience.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of (5) years' demonstrated experience in installing products of the same type and scope as specified.
 - 1. Provide documentation that the installer is authorized by the Manufacturer to perform Work specified in this section.
 - 2. Provide a commercial building reference list of five (5) properties where the installer has applied interior design window film. This list will include the following information:
 - a. Name of building.
 - b. The name and telephone number of a contact.
 - c. Type of glass.
 - d. Type of film.
 - e. Amount of film installed.
 - f. Date of completion.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation technique, application workmanship, and confirmation of the design intent.
 - 1. Finish areas designated by Architect.

2. Do not proceed with remaining work until workmanship, color, opacity, design, and sheen are approved by Architect.
3. Refinish mock-up area as required to produce acceptable work.

1.7 DELIVERY, STORAGE AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of hazardous materials, and materials contaminated by hazardous materials, in accordance with requirements of local authorities having jurisdiction.

1.8 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 recommended limits.
- B. Surface temperature: Do not apply glazing film when surface temperature is less than 40 degrees Fahrenheit.
- C. Prior to installation, the glass and frames shall be inspected for surface contamination, damage, or other defects that may adversely affect the performance of the glazing film.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Acceptable Manufacturer: Clear View Window Film Solutions, 1720 Allied Street, Charlottesville, VA 22903, Tel: 434-996-8468, Fax: 434-295-7855, www.clearviewtint.com, info@clearviewtint.com
- B. Substitutions: Not permitted

2.2 CLEAR COLOR WINDOW FILM

- A. Clear Hue – **[**SPECIFIER NOTE** Insert applicable color selection(s) description and Product ID from one or more of the currently available colors listed on the Clear Color chart: available online at [Https://clearhue.com/architects](https://clearhue.com/architects)] clear colored interior design glass film**
 1. Top Coat: Scratch Resistant
 2. Thickness: 2.0 mil
 3. Construction: Polyester (PET)
 4. Adhesive: Permanent Pressure Sensitive
 5. Liner: 2.0 mil PET
 6. Width: 60"
 7. VLT: 78%

8. UV Reduction: 98%
9. Provided by/Point of contact:
Clear View Window Film Solutions
1720 Allied Street, Charlottesville, VA 22903
434-806-2088
darin@clearviewtint.com

PART 3 EXECUTION

3.1 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Cut film edges neatly and square at a uniform distance of 1/8 inch (3 mm) to 1/16 inch (1.5 mm) of window sealant. Use new blade tips after 3 to 4 cuts.
- C. Spray the slip solution, composed of one capful of baby shampoo to 1 gallon of water, on window glass an adhesive to facilitate proper positioning of film.
- D. Apply film to glass and lightly spray film with slip solution.
- E. Squeegee from top to bottom of window Spray slip solution to film and squeegee a second time.
- F. Bump film edge with lint-free micro fiber towel around edge with a 5-way tool.
- G. Upon completion of film application, allow 30 days for moisture from film installation to dry thoroughly, and to allow film to dry flat with no moisture dimples when viewed under normal viewing conditions.

3.3 FIELD QUALITY CONTROL

- A. After installation, view film from a distance of 10 feet (3 meters) against a light-colored background. Ensure appearance is uniform without streaks, bands, thin spots, and pinholes in accordance with the IWFA Architectural Visual Inspection Standard for Applied Window Film as Adopted by the IWFA May 15,1999.
- B. If installed film does not meet these requirements, remove and replace with new film.

3.4 CLEANING AND PROTECTION

- A. Remove left over material and debris from Work area. Use necessary means to protect film before, during, and after installation.
- B. Inspect installation. Verify that it is complete and complies with requirements and manufacturer's instructions to provide specified anti-intrusion requirements. Correct deficiencies.

- C. Clean glass following installation.
- D. After application of film, wash film using a soapy water solution, 30 days after application. Do not use abrasive type cleaning agents, abrasive sponges, or paper towels to avoid scratching film. Use synthetic sponges or soft micro fiber clothes.

--- END OF SECTION ---