

STANDARD FOR EXISTING BUILDING GLASS RETROFITTED WITH AN APPROVED ORGANIC FILM

The provisions of the Standard establish criteria for acceptance of existing glass modified by a retrofitted approved organic film in every existing sliding glass panel of a sliding-type doors, other than wardrobe doors and bathroom shower doors and French-type wooden doors, in the **residential** portion of the building to meet the safety glazing requirements of Section 6101 of the Los Angeles Building Code in existing buildings.

The requirements of this standard apply to organic-coated glass, created by retrofitting existing in-place glass in buildings with an approved organic film to meet the requirements of Section 6101. These additional requirements do not apply to any replacement glass or existing glass removed from the frame or opening in existing buildings, nor to glass in new buildings, additions or existing buildings remodeled with new glass.

These requirements shall be interpreted as follows:

A. Quality Assurance and Installation:

1. The film shall be 4 mils (0.004 inches) or thicker with a scratch resistant surface upon the non-adhesive side and may be clear or tinted.
2. The film shall be an approved product which has been subjected to and has shown satisfactory evidence of having successfully passed, as reported by a Los Angeles City approved testing agency, both of the following:
 - a. The Safety Performance Specifications and Methods of Testing for Safety Glazing Materials Used in Buildings, ANSI Z 97.1-2015 of the American National Standards Institute, Inc., for glass equal in thickness and strength to that upon which it is to be applied when impacted from either direction.
 - b. The ASTM D 1044-13 Test Method for Resistance of Transparent Plastics to Abrasion (Tabor Abrasion Test) with hazing not to exceed five percent following 100 turns on a CS 10F abrader wheel utilizing 500 gram weights.
3. An application for general approval of the film along with the above test data shall be submitted to the Department for approval in accordance with the provisions of Section 98.0501.
4. The film shall be installed according to the manufacturer's specifications and to conditions of approval of the Department's research report.
5. The installation procedure shall be attached with the product by the manufacturer at the time of the sale to an installer or a real property owner.

6. The film shall, as a minimum, be warranted by the manufacturer against peeling, cracking, crazing, or demetalizing for a period of five years after installation on the interior or exterior glass surfaces.
7. The installer shall submit to the real owner of the property a statement certifying that the installation was conducted pursuant to the manufacturer's requirements and any general approval requirements specified on the Department's research report. The installer shall sign the foregoing statement declaring under penalty of the law that the statement is true and correct.
8. The real property owner shall submit a sworn affidavit stating the glass in every glass panel was installed with the film as per manufacturer's requirements and per the Department's approved research report.

B. Identification of Film:

1. Each area of glass upon which the film has been applied shall have an identification sticker attached thereto.
2. The sticker shall be affixed in such a way that it cannot be removed unless the film is removed from the glass. Furthermore, when the film is removed from the glass, the sticker must be automatically obliterated or otherwise rendered unreadable.
3. The sticker shall bear the following information:
 - a. The brand name of the product.
 - b. "ANSI Z 97.1-2015".
 - c. The City of Los Angeles general approval research report number.