Planning Services  Certificate of Compliance:  Certificate issued pursuant to the requirements of North Carolina General Statute 153A-363 and Harnett County Zoning Ord This certifies at the time of issuance, this structure was in compliance with the various ordinances of the County of Harnet North Carolina State Building Codes. For the following:	
This certifies at the time of issuance, this structure was in compliance with the various ordinances of the County of Harnet North Carolina State Building Codes. For the following:	dinanoso
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Use Classification: Vendan North	$\mathcal{A}$
Name: lake trace Building:  Address: 1/36 Vic/ce: +1 Pl Insulation: Plumbing:	
Mechanical: MFG Home:	
Date: 14/27/18 Building Official:	
	Hillian San



This is to certify that I was present at this job site when a subcontractor (Mike Perry), a manufacture approved installer, applied the Llumar SCL SR PS4 safety film according to the attached ESR-2487.

Location of House (1136 VIC KEITH ROAD, SANFORD, NC)

Location of Window ( OVER MASTER TUB)

On (APRIL 26, 2018) For (WIMBERLY BUILDERS)

TO BRING GLASS UP TO TEMPERED CODE PER (ESR-2487).

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All work is complete.

Marie Perry AGP Tech

Seal



# **ICC-ES Evaluation Report**

**ESR-2487** 

Reissued August 2017

This report is subject to renewal August 2018.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS Section: 08 87 16—Safety Films

REPORT HOLDER:

CPFILMS
4210 THE GREAT ROAD
FIELDALE, VIRGINIA 24089
(276) 627-3000
www.cpflims.com

**EVALUATION SUBJECT:** 

LLUMAR SCL SR PS4 SAFETY FILM

#### 1.0 EVALUATION SCOPE

## Compliance with the following codes:

- 2006 International Building Code® (IBC)
- 2006 International Residential Code® (IRC)

## Properties evaluated:

- Safety glazing
- Light-transmitting plastic

#### **2,0 USES**

LLumar SCL SR PS4 Safety Film is jobsite-applied, by manufacturer-approved installers, to the vertical interior surface of exterior glazing or either vertical side of interior glazing of annealed glass substrates, to create an organic-coated safety glazing material. The resulting organic-coated safety glazing complies with CPSC 16 CFR, Part 1201, as required by IBC Section 2406 and IRC Section 308.3. The coated glazing also meets requirements for light-transmitting plastic in accordance with IBC Section 2606.

#### 3.0 DESCRIPTION

LLumar SCL SR PS4 Safety Film is a single-layer 0.004-inch-thick (0.10 mm), transparent polyester film that has an acrylic coating applied to one face of the film and a pressure-sensitive acrylate adhesive applied to the other face. The adhesive coating is protected by a silicone-coated polyester liner that is removed prior to installation. See Table 1 for the applicable CPSC 16 CFR Part 1201 area limitation classifications.

## 4.0 DESIGN AND INSTALLATION

#### 4.1 General:

Installation of SCL SR PS4 Safety Film must comply with this report, IBC Section 2608 and the film manufacturer's published installation instructions. The film manufacturer's published installation instructions must be available at the jobsite at all times during installation. This report is limited to film application on annealed glass in like new condition. Like-new condition glass, for the purpose of this evaluation, is without cracks, scratches or any other imperfections. Glass condition is subject to approval by the special inspector prior to film application.

#### 4.2 Substrate:

The film is field-applied to the interior surface of exterior glazing or to either side of interior glazing surfaces of  $^{1}/_{8}$ - and  $^{1}/_{4}$ -inch-thick (3.2 and 6.4 mm) annealed glass.

## 4.3 Preparation:

The film must be applied when the surface temperature of the glazing is above 40°F (4°C). All windows, doors and ventilation outlets must be closed to maintain a draft-free space. Glazing surfaces must be cleaned and prepared in accordance with the film manufacturer's published installation instructions.

The entire surface must be cleaned with the film manufacturer's approved cleaning solution, scraped with the film manufacturer's recommended scraper or razor blade and scoured with a nylon pad using the same cleaning solution. One final pass over the entire surface with the same cleaning solution, followed by use of the film manufacturer's recommended squeegee, is required.

## 4.4 Film Placement:

The film is initially cut to overlap glazing edges by  $^1I_2$  inch (12 mm) on all sides. The protective liner is removed from the adhesive side of the film. The adhesive side of the film and the glazing surface are saturated with the film manufacturer's recommended application solution from a pressurized spray tank. The adhesive side of the film is applied to the glazing. The film's outer surface is sprayed with application solution and squeegeed to within 2 inches (50.8 mm) of the edge of the film.

The edges of film are trimmed to expose a maximum of  $^{1}I_{8}$  inch (3.2 mm) of the edge of glazing.

The film is relubricated with application solution and squeegeed through to the film edges to remove all excess water. The glazing edges are dried with a lint-free, absorbing towel—wrapped, hard-card squeegeed, with a bumping action at the film's edge. The identifying mark set forth in Section 7.0 must be applied to the glazing by the film applicator.

The safety film must be applied in a continuous, uninterrupted sheet over the entire glass substrate surface with 100 percent adhesion to the glass, with no splices.

