

**Manufacturer's Certification
For Compliance with
Federal Residential Tax Credit (IRS Form 5695)**

Purpose of This Document

This Certification Document is intended to assist consumers and contractors installing LLumar® window films with information regarding product qualification for federal residential tax credits for tax years 2018-2020.

Name and Address of Manufacturer

Eastman Performance Films, LLC
4210 The Great Road
Fieldale, Virginia 24089
(800) 851-7781
www.llumar.com

Identification of Component

LLumar® window films - used as an insulation material or system primarily designed to reduce heat loss or heat gain in a home.

Components Qualifying for Federal Tax Credits.

See page 4 for a list of qualifying LLumar window films that qualify for various window, skylight, and door glass types and climate zones.

Instructions

1. For each existing window, skylight, or door under consideration, identify the glass type as either: (a) Single-Pane Clear or Tinted, (b) Dual-Pane Clear or Tinted, (c) Dual-Pane Low-e Clear or Tinted, or (d) Dual-Pane Solar-Control Low-E Clear or Tinted.
2. Determine your climate zone from the map on page 3.
3. Use the table on page 4 to determine qualifying products for the combination of window type and climate zones determined above.

For window film installation companies:

How to determine if dual-pane clear, dual-pane low-e clear, or dual-pane solar-control low-e clear, for windows that appear to be clear glass:

1. Take a BTU meter (such as EDTM SP1065) reading outdoors on a clear sunny day on an exposure facing the sun. Move the BTU meter until you obtain a maximum reading. This is Reading 1.
2. Take a BTU meter reading indoors on the same day, on the same exposure, approximately 1 foot from the window. Move the BTU meter until you obtain a maximum reading. This is Reading 2.

Note Value of Reading 2 divided by Reading 1.

If this Value is greater than 0.70, use dual-pane clear.

If this Value is between 0.55 and 0.70, use dual-pane low-e clear.

If this Value is less than 0.55, use dual-pane solar-control low-e clear.

Other Notes

1. Qualifying products can only be applied to windows, skylights, or door windows with wood or vinyl frames only. **Windows with aluminum frames do not qualify.**
2. Dual-Pane Clear or Tinted includes single-pane glass with an interior or exterior storm pane of glass. Again, entire window and storm window must be composed of wood or vinyl frames, no metal frames allowed.
3. The presence or absence of dividers, screens, exterior or interior shading devices (blinds, shades, curtains, etc.), shading from trees, bushes, adjacent buildings or homes, etc. or shading from overhangs does not affect qualification status.
4. The compass orientation of windows, doors, or skylights also does not affect qualification status.
5. The inclusion of LLumar products on the tables herein does not imply any warranties. Please consult with your LLumar dealer for complete warranty information.
6. Use of solar-control safety film versions of the qualifying films listed is permissible. For example, if R20 SR CDF qualifies for a particular glass type, then R20 SR PS5 or R20 SR PS9 qualifies as well.

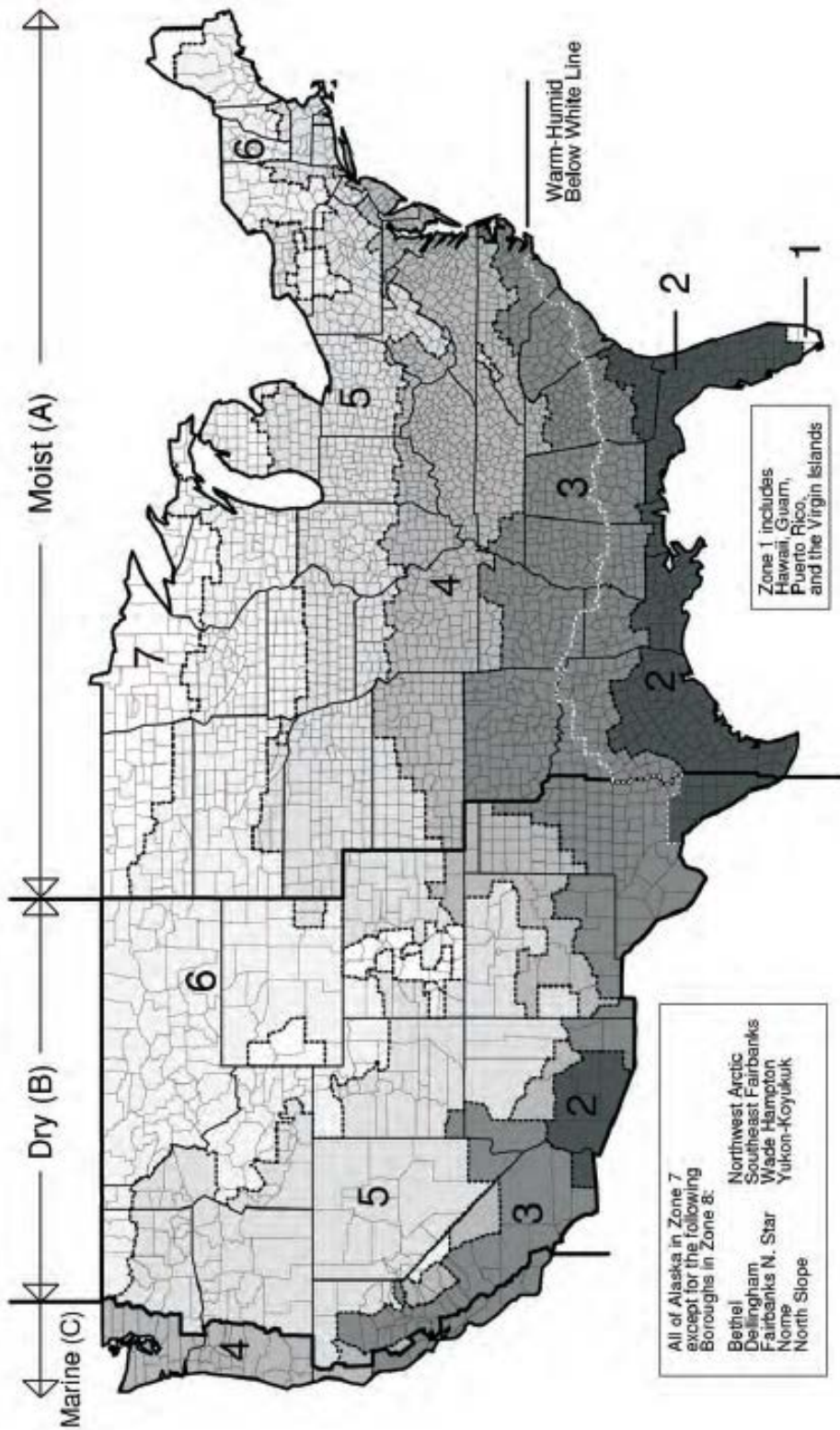
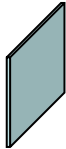
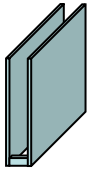
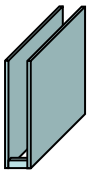
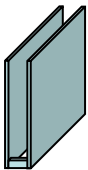


FIGURE 301.1
CLIMATE ZONES

2009 INTERNATIONAL ENERGY CONSERVATION CODE®

Qualifying LLumar Window Films by Window Type and Climate Zone

	Single Pane Clear or Tinted	Dual Pane Clear or Tinted	Dual Pane Low-e Clear or Tinted	Dual Pane Solar-Control Low-e Clear or Tinted
				
Zone 1	R20, R35, N1020B, E1220, RHE20, RHE30, DR05, DR15, RN07G, R15B, R15BL, R15G, R15GO, DL05G	R20, N1020B, R15GO, E1220, RHE20, RHE35, NHE20, DR05, RN07G	R20, E1220, RHE20, RHE35, NHE20, NHE35, RN07G	RN07G, R15B, R15BL, R15G, R15GO, R20, R35, R50, DR05, DR15, DRN25, DRN35, E1220, DL05G, N1020, N1020B, N1035B, RHE20, RHE35, RHE50, NHE20, NHE35
Zones 2 - 3	No products qualify	R20, N1020B, R15GO, E1220, RHE20, RHE35, NHE20, DR05, RN07G	R20, E1220, RHE20, RHE35, NHE20, NHE35, RN07G	RN07G, R15B, R15BL, R15G, R15GO, R20, R35, R50, DR05, DR15, DRN25, DRN35, E1220, DL05G, N1020, N1020B, N1035B, RHE20, RHE35, RHE50, NHE20, NHE35
Zones 4 - 8	No products qualify	No products qualify	No products qualify	RN07G, R15B, R15BL, R15G, R15GO, R20, R35, R50, DR05, DR15, DRN25, DRN35, E1220, DL05G, N1020, N1020B, N1035B, RHE20, RHE35, RHE50, NHE20, NHE35