



CITY OF PALM DESERT

Building & Safety Department

73-510 Fred Waring Dr, Palm Desert, CA (760) 776-6420

WINDOW/SLIDER DOOR CHANGE OUT

Purpose of Fenestration requirements: Windows, glazed doors, dynamic glazing, window films, and skylights have a significant impact on energy use in a home. Energy efficient fenestration can greatly reduce heating and cooling loads. The size, orientation, and types of fenestration products can affect the overall energy performance of a house. To comply with the 2019 State of California Energy Code the fenestration must comply with the Prescriptive numbers or the Performance Approach. Fenestration area is the glass plus the frame.

- Permits can be issued only to the legal property owner (owner-builder) or a State of California contractor who is licensed to do the proposed work. The contractor *must* possess a City of Palm Desert business license.
- Building permit applications are obtained at the city website www.cityofpalmdesert.org or within the Building Department.
- Submit two copies of a site plan showing location of window(s) / slider(s) change outs or skylights. Include current window sizes.
- Leave the labels on the windows until the field inspection is completed. Typically, manufactured windows come with labels indicating that NFRC has certified the performance ratings of the window. If this label is taken off before inspection, the windows will be defaulted to the values found on Table 110.6A in the Energy Standards.
- Site plan must reflect that the applicant will comply with current energy codes. The term “Low-E” does not reflect energy compliance. **Note on Site Plan: “Will Comply with 2019 Energy Code Values”**
- New Solar Tubing: Does not need to meet the U-Factor and SHGC requirements if installing less than 3 sf of new tubular skylights area with dual-pane diffusers.
- Refer to the table below for the minimum Prescriptive numbers to comply.

<u>Windows and Sliders</u>	<u>U-Factor</u>	<u>SHGC</u>
Adding-75 sf or more of additional fenestration	.30 or lower	.23 or lower
Replacing- less than 75 sf of fenestration	.40 or lower	.35 or lower
Replacing -More than 75 sf of fenestration area	.30 or lower	.23 or lower
<u>Skylights</u>	<u>U-Factor</u>	<u>SHGC</u>
Adding -16 sf or less additional skylight area	.55 or lower	.30 or lower
Replacing a skylight	.55 or lower	.30 or lower

NOTES:

Safety Glazing for Hazardous Locations - Per 2019 California Residential Code (CRC), Chapter R308, the following shall be considered specific hazardous locations requiring safety-glazing materials:

1. Glazing in swinging doors;
 2. Glazing in fixed and sliding panels of sliding door assemblies and panels in sliding and bi-fold door assemblies;
 3. Glazing in exit and entrance doors and fixed glazed panels;
 4. Glazing in sliding doors (both fixed and sliding panels);
 5. Glazing in an individual fixed or operable panel adjacent to a door where the nearest exposed edge of the glazing is within a 24-inch (610 mm) arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) above the walking surface.
- If altering the size of a window/door, provide an elevation view with window dimensions and header size.
 - Must comply with natural light and ventilation requirements per the 2019 CRC, Chapter R303.1.
 - If residence is located within a Home Owner's Association, must provide approval of the proposed work from the HOA.
 - Property owner or licensed contractor must sign permit at the time of issuance. Contractor must possess a State of California license and a Palm Desert business license.
 - Property owner may authorize someone to sign on their behalf, as owner-builder, by way of a notarized letter, but the permit may not be mailed nor faxed.
 - Fee for Windows/Slider Door change-out permit is **ESTIMATED** around \$266.00
 - Permit may be issued over the counter if all requirements are met.

*If the property is located within a Mobile Home Park, permits are to be obtained through HCD (Housing and Community Development, 3737 Main St. #400, Riverside, CA 1-800952-8356 www.hcd.ca.gov)

2/11/20