occupancies. All unit skylights installed in a roof with a pitch flatter than 14 degrees (0.25 rad) shall be mounted at least 4 inches (102 mm) above the plane of the roof on a curb constructed as required for the frame unless otherwise specified in the manufacturer's installation instructions.

2405.5 Unit skylights. Unit skylights shall be tested and labeled as complying with AAMA/WDMA/CSA 101/ I.S.2/A440. The *label* shall state the name of the manufacturer, the *approved* labeling agency, the product designation and the performance grade rating as specified in AAMA/WDMA/CSA 101/I.S.2/A440. If the product manufacturer has chosen to have the performance grade of the skylight rated separately for positive and negative design pressure, then the *label* shall state both performance grade ratings as specified in AAMA/WDMA/CSA 101/I.S.2/A440 and the skylight shall comply with Section 2405.5.2. If the skylight is not rated separately for positive and negative pressure, then the performance grade rating shown on the *label* shall be the performance grade rating determined in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 for both positive and negative design pressure and the skylight shall conform to Section 2405.5.1.

> **2405.5.1 Unit skylights rated for the same performance grade for both positive and negative design pressure.** The design of unit skylights shall be based on the following equation:
>
> $F_g \leq PG$ **(Equation 24-13)**
>
> where:
>
> F_g = Maximum load on the skylight determined from Equations 24-2 through 24-4 in Section 2404.2.
>
> PG = Performance grade rating of the skylight.
>
> **2405.5.2 Unit skylights rated for separate performance grades for positive and negative design pressure.** The design of unit skylights rated for performance grade for both positive and negative design pressures shall be based on the following equations:
>
> $F_{gi} \leq PG_{Pos}$ **(Equation 24-14)**
>
> $F_{go} \leq PG_{Neg}$ **(Equation 24-15)**
>
> where:
>
> PG_{Pos} = Performance grade rating of the skylight under positive design pressure;
>
> PG_{Neg} = Performance grade rating of the skylight under negative design pressure; and
>
> F_{gi} and F_{go} are determined in accordance with the following:
>
> For $W_o \geq D$,
> where:
>
> W_o = Outward wind force, psf (kN/m^2) as calculated in Section 1609.