

# VCM Venting Manual Skylight Technical Product Data Sheet

## Description

- VCM Venting Curb Mount Skylight that mounts to a site-built curb (residential curbs typically 2x4 or 2x6). Venting skylight, provided with various glazings, is manufactured with a white PVC frame/sash, a neutral gray aluminum profile, and an insulated glass unit.

## Installation

- Designated top, bottom, and sides for installation in one direction.
- Single unit applications only (combination applications not possible).
- 0 degrees to 60 degrees, use standard installation procedure.
- Above 45 degrees, use water diverter as illustrated in installation instructions; water diverter provided by installer.
- Includes insect screen.
- Includes operating hook. Control rod (ZCT 300) and crank handle (ZZZ 212) available.

## Flashings

- ECL - Engineered neutral gray flashing for single installation with thin roofing material ( $\frac{1}{2}$ " max) for roof pitch above 10-60 degrees.
- ECW - Engineered neutral gray flashing for single installation with tile (over  $\frac{3}{4}$ ") roofing material for roof pitch above 14-60 degrees.
- Applications less than 10-degree roof pitch - flashing provided by others

## Interior Accessories

- FSCC - Solar powered Room darkening - double pleated shade.
- FSLC - Solar powered Light filtering - single pleated shade.

## Type Sign

- Example: VCM 2222 0004D 01BF05
- Etched into bottom right of exterior frame cover.



## Standard Sizes

- 2222, 2234, 2246, 3030, 3046, 3055, 3434, 4646

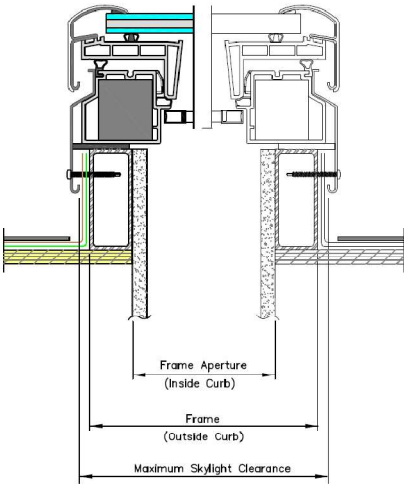
## Special Sizes

- No custom sizes available.

## Warranty

- **Installation** – 10 years from the date of purchase; VELUX No Leak Warranty warrants skylight installation. Must be installed with VELUX flashings and included adhesive underlayment.
- **Skylight** – 10 years from the date of purchase; VELUX warrants that the skylight will be free from defects in material and workmanship.
- **Glass Seal** – 20 years from the date of purchase; VELUX warrants that the insulated glass pane will not develop a material obstruction of vision due to failure of the glass seal.
- **Hail Warranty** – 10 years from the date of purchase; VELUX warrants only laminated glass panes against hail breakage.
- **Accessories and Electrical Components** – 5 years from the date of purchase; VELUX warrants Velux shades and control systems will be free from defects in material and workmanship.

## Cross Section

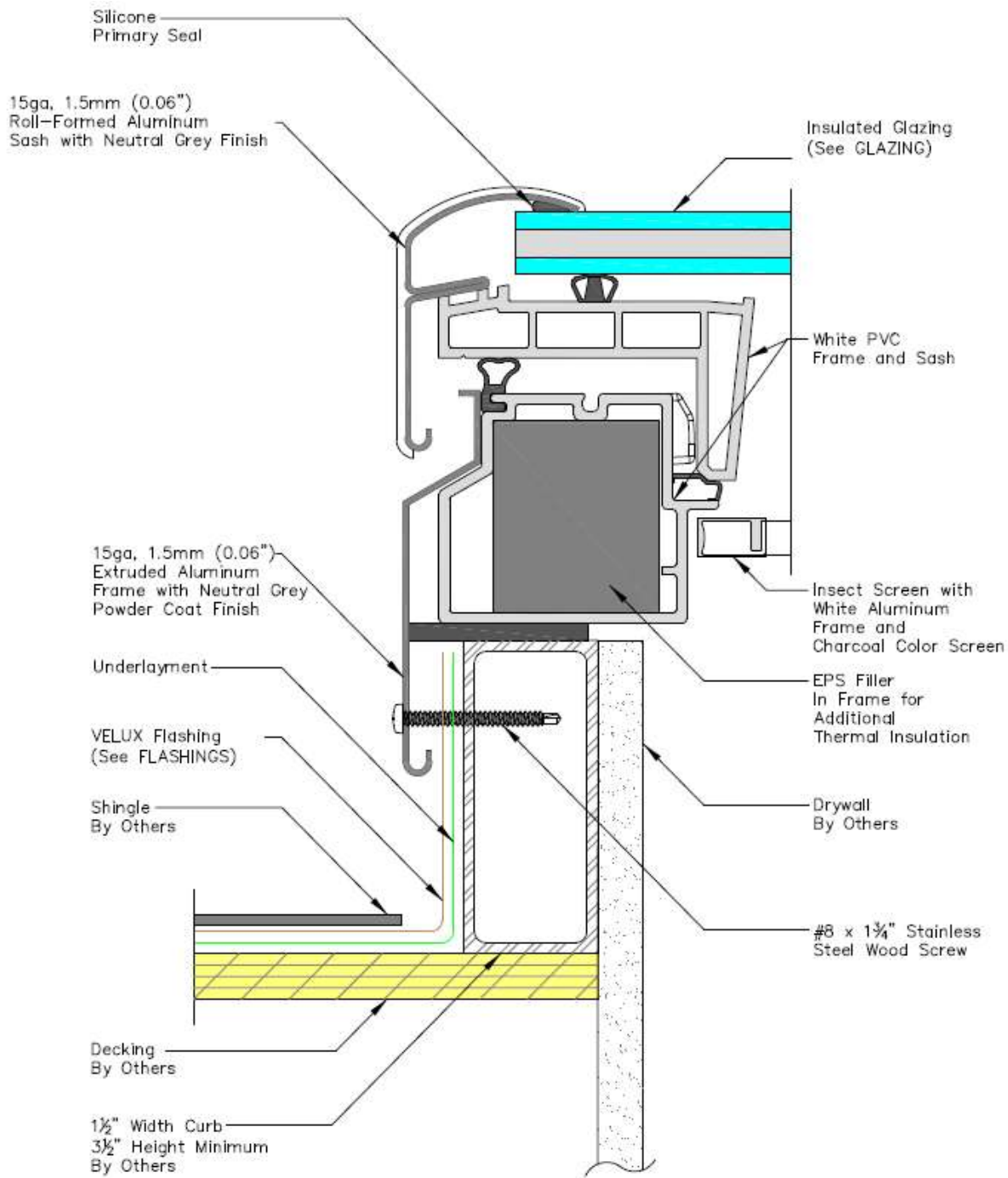


Size	Frame Width	Frame Aperture Width	Max. Skylight Clearance Width	Frame Height	Frame Aperture Height	Max. Skylight Clearance Height	Daylight Area (Sq. Feet)
2222	25 ½	22 ½	26 9/16	25 ½	22 ½	26 9/16	2.58
2234	25 ½	22 ½	26 9/16	37 ½	34 ½	38 9/16	4.20
2246	25 ½	22 ½	26 9/16	49 ½	46 ½	50 9/16	5.92
3030	33 ½	30 ½	34 9/16	33 ½	30 ½	34 9/16	5.27
3046	33 ½	30 ½	34 9/16	49 ½	46 ½	50 9/16	8.29
3434	37 ½	33 ½	38 9/16	37 ½	34 ½	38 9/16	6.89
4646	49 ½	46 ½	50 9/16	49 ½	46 ½	50 9/16	13.13

## Certification

Glazing	NFRC U-factor	NFRC SHGC	NFRC Vt	Hallmark 426-H-701	IAPMO-ES ER 199	Fla Prod Approval 13303	HVHZ	TDI
<b>04 Laminated</b> – 2.3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.52	0.24	0.55	✓	✓	✓		SK-03
<b>05 Tempered</b> – 3 mm tempered clear with tempered Low E366 outer pane.	0.53	0.24	0.56	✓		✓		SK-03
<b>06 Impact</b> – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E366 outer pane for hurricane areas	0.48	0.24	0.55	✓	✓	✓	✓	SK-14
<b>08 White laminated</b> – 2.3 mm Laminated (0.76mm white interlayer) with tempered Low E366 outer pane.	0.52	0.23	0.39	✓	✓	✓		SK-03
<b>10 Snowload</b> – 3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.49	0.24	0.55	✓				
<b>14 Laminated</b> – 2.3 mm laminated (0.76 mm interlayer) with tempered Low E340 outer pane.	0.53	0.16	0.33					SK-03
<b>15 Tempered</b> – 3mm tempered clear with tempered Low E340 outer pane.	0.53	0.16	0.33					SK-03
<b>16 Impact</b> – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E340 outer pane.	0.48	0.16	0.33	✓		✓	✓	

Consult with Customer Service for special glazing options.



Corner keys made of ASA Luran in neutral grey finish.