Thanks to the revolutionary new Satin Ice white acrylic, Wasco’s new Clear over Satin Ice glazing combination complies with Title 24 prescriptive values for nonresidential buildings. Not only does this acrylic offer a high light transmission, it also has outstanding diffusion, eliminating hotspots. Given these two qualities, you can now provide more light with fewer skylights.

- Curb mount for use on 1½" thick site-built or prefabricated curbs
- Deck-mount models with 1½" rigid insulation in 12" or 16" curbs
- Available in standard and custom sizes, domed or pyramid shapes
- Safety screens recommended

Skylights pose an inherent risk of injury or death from fall throughs, and the safety of others is of the utmost importance to VELUX. VELUX recommends that the customer, building owner or manager use additional protection with the skylight such as an exterior or interior safety cage, to enhance long-term safety. The building owner or manager is responsible for providing fall protection around the skylight in accordance with OSHA regulations. VELUX also recommends that the building owner or manager restrict roof access only to personnel who have been cautioned as to the location of the skylights, and warned not to sit, step or walk on the skylights.
Title 24 Compliant Acrylic Domed Unit Skylight

Performance

IBC Section 2405.5 Unit Skylight Compliance:

North American Fenestration Standard:

AAMA/WDMA/CSA 101/I.S.2/A440

Air Infiltration: <0.01 @ 6.27 psf per ASTM E283

Water Penetration: 15 psf per ASTM E547 and ASTM E331

Design Pressure: Varies with size

IBC Section 2606.4 Light Transmitting Plastics:

Dome Acrylic Glazings:

Self-Ignition Temperature: ASTM D1929 850 deg. F

Smoke Density: ASTM D2843 6.4

Combustibility Classification: ASTM D635 CC2

NFRC Certified Performance:

CPD - WPC-A-9-00009-00001

CWC2 – Curb-Mount

U-factor = 0.61

SHGC = 0.58

VT = 65%

CWD2 – Deck-Mount

U-factor = 0.66

SHGC = 0.59

VT = 65%

Standard Sizes (Custom Sizes Available)

Model/Size   O.D. of Curb   Model/Size   O.D. of Curb
2828 25 ¼" x 25 ¼"   55102 51" x 99"
2852 25 ¼" x 49 ¼"   6060 58" x 58"
3636 33 ¼" x 33 ¼"   6476 60 ¼" x 72 ¼"
3652 33 ¼" x 49 ¼"   6496 60 ¼" x 92 ¼"
4242 40" x 40"   6666 63" x 63"
5252 49 ¼" x 49 ¼"   66102 63" x 99"
5276 49 ¼" x 72 ¼"   7272 71" x 71"
5296 49 ¼" x 92 ½"   8080 78" x 78"
5555 51" x 51"   9898 95 ¼" x 95 ½"

Deck Mount Glazing Options

Outer: Clear – Inner: Satin Ice

Standard Sizes (Custom Sizes Available)

Model/Size Rough Opening   Model/Size Rough Opening
2828 22 ¼" x 22 ¼"   55102 48" x 96"
2852 22 ¼" x 46 ¼"   6060 55" x 55"
3636 30 ¼" x 30 ¼"   6666 60" x 60"
3652 30 ¼" x 46 ¼"   66102 60" x 96"
4242 37" x 37"   6476 57 ½" x 69 ¼"
5252 46 ¼" x 46 ¼"   6496 57 ½" x 89 ¼"
5276 46 ¼" x 69 ½"   7272 68" x 68"
5296 46 ¼" x 89 ½"   8080 75" x 75"
5555 48" x 48"   9898 92 ¼" x 92 ¼"

Standard Info

Finishing:

Frame: White PVC

Retainer: Mill. Other Wasco finishes also available, contact factory for information.

Glazing:

Clear cast acrylic over Satin Ice (white) cast acrylic.