

VELUX America LLC
450 Old Brickyard Road
PO Box 5001
Greenwood, SC 29648-5001
Tel 1-888-878-3589
Fax 1-864-941-4873
veluxusa.com
whyskylights.com



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Commercial
Specialist

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VELUX Dynamic Dome

A Revolution in Commercial Skylights

VELUX has just revolutionized the commercial skylight market with the introduction of their new **VELUX Dynamic Dome**, an innovative product that balances the structural demands of industry professionals with an architecturally progressive design.

The VELUX Group creates better living environments with daylight and fresh air through the roof. The VELUX product program contains a wide range of roof windows and skylights, along with solutions for flat roofs. The Group also supplies many types of decoration and sun screening, roller shutters, installation products, products for remote control for installation in roofs. The VELUX Group, which has manufacturing companies in 11 countries and sales companies in just under 40 countries, represents one of the strongest brands in the global building materials sector and its products are sold in most parts of the world. The VELUX Group has over 14,000 employees and is owned by VKR Holding A/S, a limited company wholly owned by foundations and family. For more details, visit velux.com.

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What makes the **VELUX** Dynamic Dome so revolutionary?

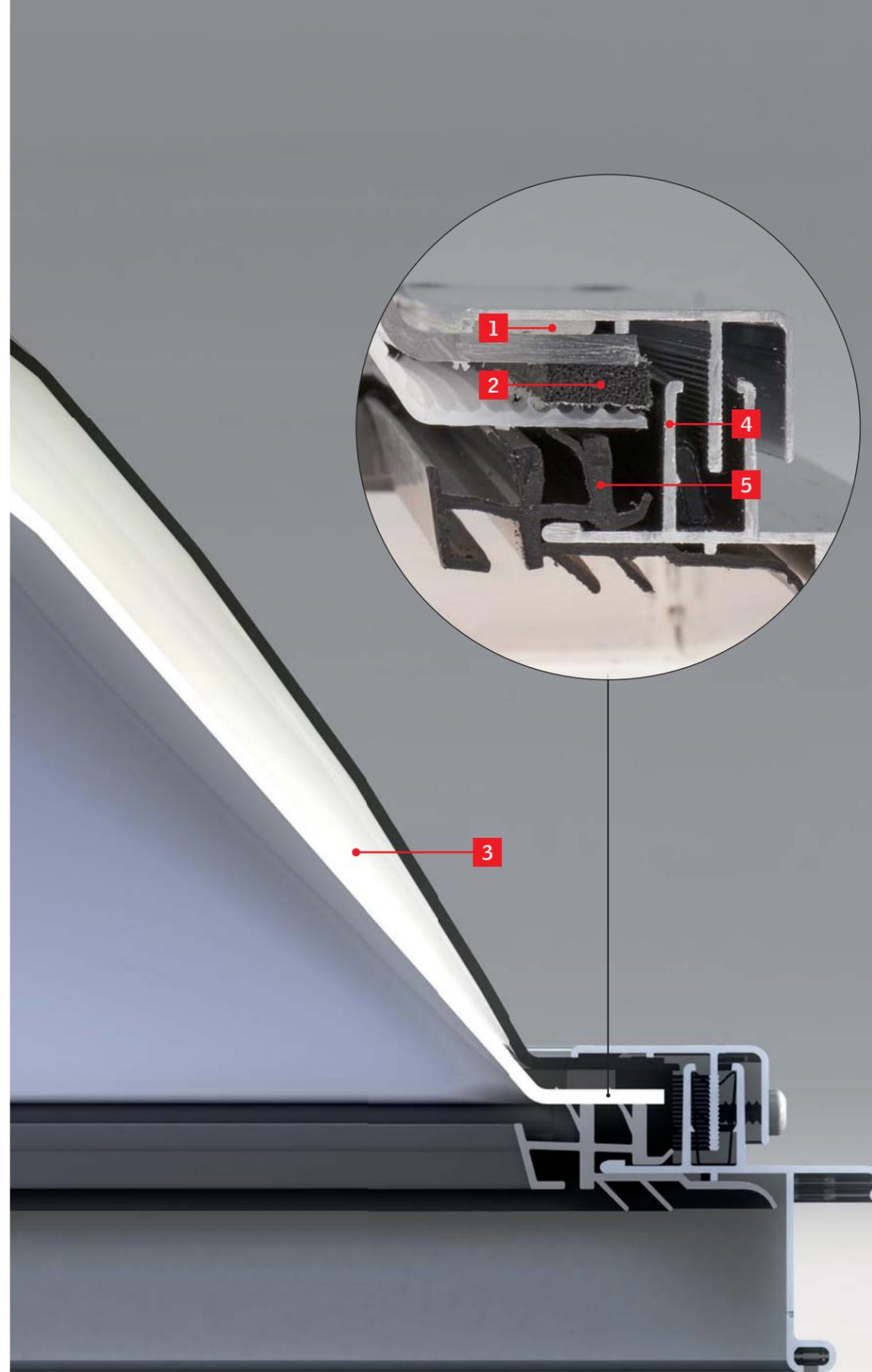
Light Harvesting: The sidewall of the VELUX Dynamic Dome has been engineered to closely match the angles of the sun during low-light periods (morning and evening) in order to harvest more sunlight to transfer indoors. The Dynamic Dome is also taller (30 percent of the total width of the skylight), which optimizes it for increased light transmittance. In addition, our innovative clear-smooth-outer-dome over white-prismatic-inner-dome design provides 100 percent diffusion while also delivering up to 20 percent more light than our competitor's designs.

Industry Leading Strength: By integrating a repeating pattern of ridges and ribs based on the geometry of an octahedron, the VELUX Dynamic Dome offers uncompromising strength within a visually stunning architectural

design. Our glazing is also engineered from the finest thermoplastic material, making it the industry's most robust combination of low-weight and high-strength.

Competitive Market Pricing: To cut costs, VELUX utilizes a high volume manufacturing process. We are also able to ship more skylights per truckload (allowing for compounded savings in freight) due to the compact nesting nature of the VELUX Dynamic Dome. Costs associated with curb tape and silicone are also eliminated due to our dry installation method.

Unmatched Architectural Elegance: Without question, no other commercial skylight on the market can match the unique design and architectural elegance of the VELUX Dynamic Dome.



1 50-year Silicone

2 Glazing Spacer

- Reduced cracking
- Condensation release

3 Dome spacing

- Optimized for energy efficiency
- "Chase" design allows nesting

4 Inner dome rests on material with similar expansion/contraction (durability)

5 Innovative, encapsulating one-piece Thermoplastic inner frame.

Benefits:

- Dry installation (no caulk or curb tape needed)
- Impenetrable water barrier
- No exposed holes to the exterior (air/water/bug filtration)
- 100 percent thermally broken (the frame is the thermal break)
- Fail-safe extra layer of water protection; no path for water to enter the building.

Superior Water Management: Unlike most commercial skylights that allow condensation to collect within an interior gutter, the VELUX Dynamic Dome utilizes a fail-safe proprietary wicking system that evacuates condensation to the exterior of the skylight. We've also incorporated a one-piece inner frame, creating superior durability (eliminating the need for corner welds that can leak) and 50-year silicone.

Secure Thermal Seal: The VELUX Dynamic Dome incorporates an encapsulating design that provides an impenetrable water barrier with a 100 percent thermally broken skylight frame, thereby isolating interior surfaces from exterior temperatures. This 'warm design' virtually eliminates condensation while also providing a secure weather seal to the curb to impede air, water, and bug infiltration.