

VELUX Products – Summary of Wind-Borne Debris Resistance Ratings *

| Product | Sizes | WDMA Hallmark Product No. | FL Product Approval # | Rating ** (per ASTM E1886 and E1996, unless noted) |
|--|-----------------------------------|------------------------------|-----------------------|--|
| FS 2006 (Fixed Deck Mount) | All Sizes S06 and Smaller | 426-H-672.22 | 13308.5 | Wind Zone 3, Missile Level C Cycle Pressure +50/-50 |
| | All Sizes M08 and Smaller | 426-H-672.26 | 13308.6 | |
| FCM 0006 (Fixed Curb Mount) | All Sizes 4646 and Smaller | 426-H-701.11 | 13303.5 | |
| | | 426-H-701.19 | 13303.6 | |
| QPF 2006 (Fixed Pan Flashed) | All Sizes 4646 and Smaller | 426-H-677.09 | 13300.3 | HVHZ per TAS 201/202/203: +50/-50 |
| VS/VSE/VSS 2006 (Venting Deck Mount) | All Sizes S06 and Smaller | 426-H-670.22 | 13309.5 | Wind Zone 3, Missile Level C Cycle Pressure +50/-50 |
| | All Sizes M08 and Smaller | 426-H-670.26 | 13309.6 | |
| VCM/VCE/VCS 2006 (Venting Curb Mount) | All Sizes 4646 and Smaller | 426-H-695.08 | 13560.3 | |
| Commercial Dynamic Dome "LuxGuard Plus" (0.150/0.118 Polycarbonate) | All Sizes 6096 and Smaller | 426-H-709.03 | 21040.6 | Missile Level D Cycle Pressure +65/-65 |
| | | 426-H-709.04 | 21040.3 | HVHZ per TAS 201/203 Cycle Pressure +65/-65 |
| Residential Sun Tunnel with 1000 dome | 010, 014 and 022 | 426-H-705.03 426-H-706.03 | 6393.8 6393.6 | Wind Zone 3, Missile Level C Cycle Pressure +50/-50 |
| Commercial Sun Tunnel with 1000 or 5000 domes | 014 and 022 | 426-H-707.03 426-H-708.03 | 6393.2 6393.4 | |

* Products also are covered in Texas under TDI Product Evaluations: <http://www.tdi.texas.gov/wind/prod/indexsk.html>
SK-14 (Skylights), SK-15 (Residential Sun Tunnels), SK-46 (Commercial Sun Tunnels), and SK-54 (Commercial Dynamic Dome Skylights)

VELUX applications in the Florida Product Approval system can be found here: http://www.floridabuilding.org/pr/pr_app_srch.aspx

** 2018 IBC (1609.2.2) and the FBC 6th Edition (2017), Florida Building Code - Building (1609.1.2.2) have modified the ASTM E1996 wind zone definitions:

“6.2.2 Unless otherwise specified, select the wind zone based on the strength design wind speed, V_{ult} , as follows:

6.2.2.1 **Wind Zone 1**—130 mph \leq ultimate design wind speed, $V_{ult} < 140$ mph.

6.2.2.2 **Wind Zone 2**—140 mph \leq ultimate design wind speed, $V_{ult} < 150$ mph at greater than one mile from the coastline. The coastline shall be measured from the mean high water mark.

6.2.2.3 **Wind Zone 3**—150 mph \leq ultimate design wind speed, $V_{ult} \leq 170$ mph, or 140 mph \leq ultimate design wind speed, $V_{ult} \leq 170$ mph and within one mile of the coastline. The coastline shall be measured from the mean high water mark.

6.2.2.4 **Wind Zone 4**— ultimate design wind speed, $V_{ult} > 170$ mph.”