



Skylights

Impact skylights



Bringing light to life™

Impact rated

From Texas to New England, coastal building codes are becoming more demanding in regards to impact and pressure resistance for all fenestration products. VELUX® has met this challenge by providing skylights and SUN TUNNEL™ skylights that meet or exceed these code requirements. Use the brand trusted by contractors for over 60 years. This brochure provides an overview our impact skylights.

Quality

After more than 60 years, VELUX continues to be a leader in the roof window and skylight industry. VELUX is the preferred brand for contractors according to every national survey of building industry professionals. VELUX holds more than 300 patents in roof window and skylight design.

Leakproof

VELUX has been engineering and manufacturing skylights to withstand the harshest of elements. Each product is subjected to rigorous air, water, and pressure testing before even being brought to market. Each skylight is then combined with a custom tailored flashing system. That's why VELUX is the world leader and the preferred skylight brand worldwide.



Energy efficiency

VELUX is leading the industry by being the first manufacturer with all standard glass skylights meeting ENERGY STAR® approval guidelines for all climatic regions of the U.S. Promote energy efficiency and save money on utility bills - all while making your project brighter and more comfortable. VELUX low-E² insulated glass:



- Offers three times more protection against solar heat gain.
- Resists condensation twice as long as clear glass
- Protects interiors by reflecting most of the sun's fade-causing rays.


VELUX impact products summary


Product	Sizes	WDMA hallmark certification (426)	FL product approval #	Rating
FS 0006 *	All sizes 308 and smaller	426-H-639.00	7194.1	Wind Zone 3, Missile Level C Cycle Pressure +47/-47
FCM 0006 *	All sizes 4646 and smaller	426-H-614.00	1825.2	Wind Zone 4, Missile Level C Cycle Pressure +50/-50
FCM 0007	All sizes 4646 and smaller	-	6183.1 Miami-dade NOA #04-0805.01	Large And Small Missiles Cycle Pressure +70/-70
VS / VSE 0006 *	All sizes 308 and smaller	426-H-618.00	3130.3	Wind Zone 4, Missile Level C Cycle Pressure +42.5/-42.5
	All sizes 606 and smaller	426-H-619.00	3130.5	
VCM / VCE 0006	All sizes 4646 and smaller	426-H-630.00	6079.1	Wind Zone 3, Missile Level C Cycle Pressure +50/-50
QFS 0006 *	All sizes 306 and smaller	426-H-607.00	451.2	Wind Zone 3, Missile Level C Cycle Pressure +47/-47
QVM / QVE 0006 *	All sizes 656 and smaller	426-H-611.00	1825.4	Wind Zone 3, Missile Level C Cycle Pressure +50/-50
TMF & TMR 1000 *	All sizes 014 and smaller	426-H-633.00	6393.3	Wind Zone 3, Missile Level C Cycle Pressure +50/-50
TGF & TGR 1000 *	All sizes 022 and smaller	426-H-634.00	6393.6	Wind Zone 3, Missile Level C Cycle Pressure +50/-50

* Products also covered in Texas under TDI Product Evaluations SK-14 & SK-15 (for SUN TUNNEL skylights)

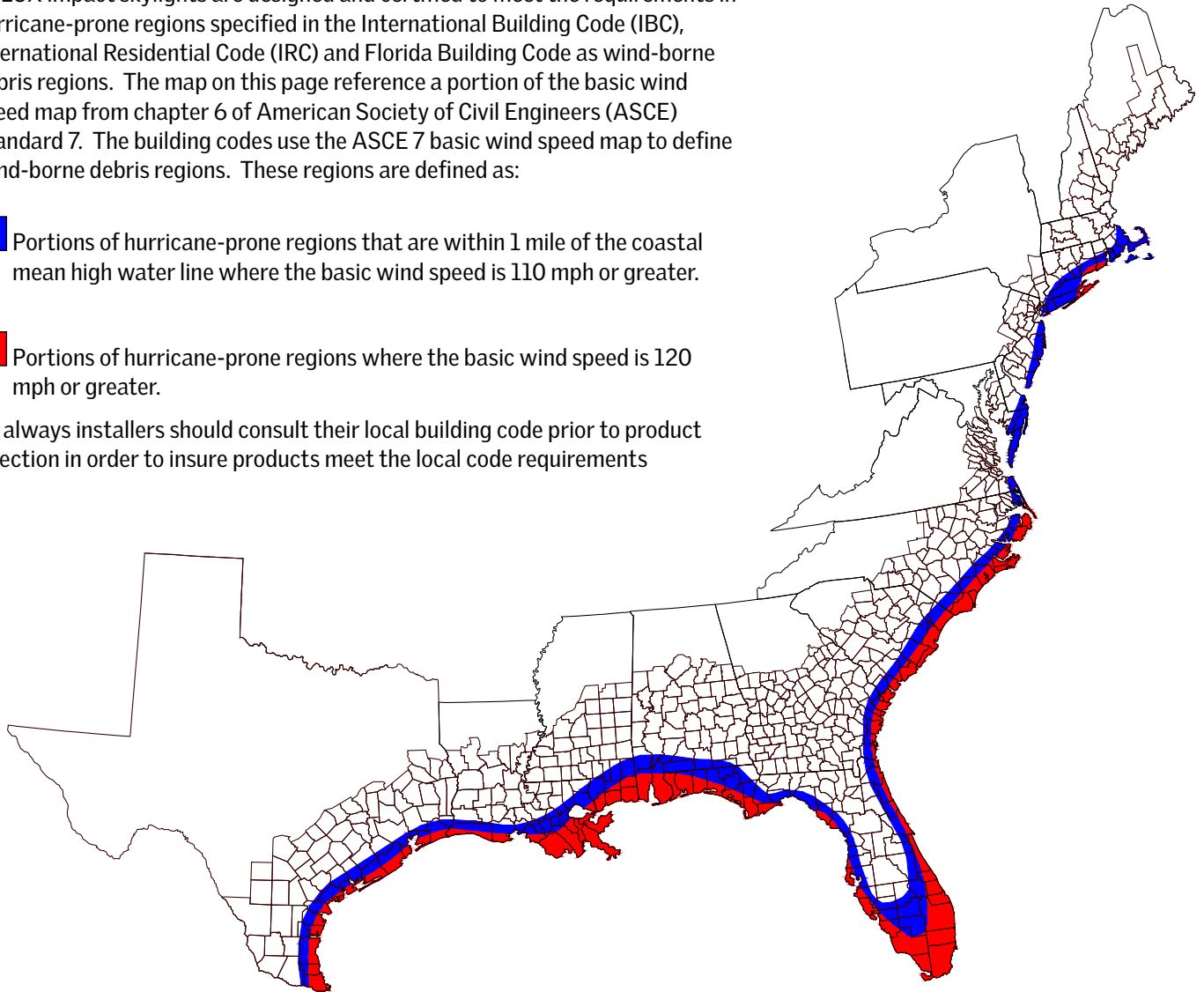
Impact areas

VELUX impact skylights are designed and certified to meet the requirements in hurricane-prone regions specified in the International Building Code (IBC), International Residential Code (IRC) and Florida Building Code as wind-borne debris regions. The map on this page reference a portion of the basic wind speed map from chapter 6 of American Society of Civil Engineers (ASCE) Standard 7. The building codes use the ASCE 7 basic wind speed map to define wind-borne debris regions. These regions are defined as:

 Portions of hurricane-prone regions that are within 1 mile of the coastal mean high water line where the basic wind speed is 110 mph or greater.

 Portions of hurricane-prone regions where the basic wind speed is 120 mph or greater.

As always installers should consult their local building code prior to product selection in order to insure products meet the local code requirements



Notes:

- VELUX recommends checking with your local code official prior to installing a VELUX skylight as local jurisdictions may elect to adopt a more stringent requirement than the one shown on this page.
- The Florida Building Code defines areas with wind velocity's of 140 mph or greater in Broward County and 146 mph or greater in Miami-Dade County as High Velocity Hurricane Zones (HVHZ). VELUX recommends checking with the Florida Department of Community Affairs, Product Approval for VELUX products rated for use within HVHZ.
- Miami-Dade County, Florida, NOA #04-0805.01, expires 11/10/2010

Deck mounted skylights

Electric venting skylight - model VSE













Manual venting skylight - model VS













Fixed skylight - model FS









Model VSE

Size code	 101	 104	 106	 108	 156	 304	 306	 308	 601	 606
Outside frame (W" x H")	21 ¹ / ₂ x 27 ³ / ₈	21 ¹ / ₂ x 38 ³ / ₈	21 ¹ / ₂ x 46 ¹ / ₄	21 ¹ / ₂ x 54 ¹⁵ / ₁₆	23 ⁵ / ₁₆ x 46 ³ / ₈	30 ⁹ / ₁₆ x 38 ³ / ₈	30 ⁹ / ₁₆ x 46 ¹ / ₄	30 ⁹ / ₁₆ x 54 ¹⁵ / ₁₆	44 ³ / ₄ x 27 ³ / ₈	44 ³ / ₄ x 46 ¹ / ₄
Finished framing (W" x H")	20 ³ / ₈ x 26 ³ / ₁₆	20 ³ / ₈ x 37 ³ / ₁₆	20 ³ / ₈ x 45 ¹ / ₁₆	20 ³ / ₈ x 53 ³ / ₄	22 ¹ / ₂ x 45 ⁵ / ₁₆	29 ⁷ / ₁₆ x 37 ³ / ₁₆	29 ⁷ / ₁₆ x 45 ¹ / ₁₆	29 ⁷ / ₁₆ x 53 ³ / ₄	43 ⁵ / ₈ x 26 ³ / ₁₆	43 ⁵ / ₈ x 45 ¹ / ₁₆
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
VSE Impact / Aluminum	761 / N	832 / N	886 / N	948 / N	946 / N	946 / N	1027 / N	1107 / N	974 / N	1739 / N






Model VS

Size code	 101	 104	 106	 108	 156	 304	 306	 308	 601	 606
Outside frame (W" x H")	21 ¹ / ₂ x 27 ³ / ₈	21 ¹ / ₂ x 38 ³ / ₈	21 ¹ / ₂ x 46 ¹ / ₄	21 ¹ / ₂ x 54 ¹⁵ / ₁₆	23 ⁵ / ₁₆ x 46 ³ / ₈	30 ⁹ / ₁₆ x 38 ³ / ₈	30 ⁹ / ₁₆ x 46 ¹ / ₄	30 ⁹ / ₁₆ x 54 ¹⁵ / ₁₆	44 ³ / ₄ x 27 ³ / ₈	44 ³ / ₄ x 46 ¹ / ₄
Finished framing (W" x H")	20 ³ / ₈ x 26 ³ / ₁₆	20 ³ / ₈ x 37 ³ / ₁₆	20 ³ / ₈ x 45 ¹ / ₁₆	20 ³ / ₈ x 53 ³ / ₄	22 ¹ / ₂ x 45 ⁵ / ₁₆	29 ⁷ / ₁₆ x 37 ³ / ₁₆	29 ⁷ / ₁₆ x 45 ¹ / ₁₆	29 ⁷ / ₁₆ x 53 ³ / ₄	43 ⁵ / ₈ x 26 ³ / ₁₆	43 ⁵ / ₈ x 45 ¹ / ₁₆
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
VS Impact / Aluminum	420 / N	491 / N	541 / N	609 / N	590 / N	599 / N	685 / N	763 / N	631 / N	874 / N

Model FS Part 1

Size code	 056	 101	 104	 106	 108	 150
Outside frame (W" x H")	15 ³ / ₄ x 46 ¹ / ₄	21 ¹ / ₂ x 27 ³ / ₈	21 ¹ / ₂ x 38 ³ / ₈	21 ¹ / ₂ x 46 ¹ / ₄	21 ¹ / ₂ x 54 ¹⁵ / ₁₆	23 ⁵ / ₁₆ x 23 ⁵ / ₁₆
Finished framing (W" x H")	14 ³ / ₈ x 45 ¹ / ₁₆	20 ³ / ₈ x 26 ³ / ₁₆	20 ³ / ₈ x 37 ³ / ₁₆	20 ³ / ₈ x 45 ¹ / ₁₆	20 ³ / ₈ x 53 ³ / ₄	22 ¹ / ₂ x 22 ¹ / ₂
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
FS Impact / Aluminum	326 / N	233 / N	294 / N	338 / N	390 / N	239 / T


Model FS Part2

Size code	 156	 302	 304	 306	 308
Outside frame (W" x H")	23 ⁵ / ₁₆ x 46 ³ / ₈	30 ⁹ / ₁₆ x 30 ¹ / ₂	30 ⁹ / ₁₆ x 38 ³ / ₈	30 ⁹ / ₁₆ x 46 ¹ / ₄	30 ⁹ / ₁₆ x 54 ¹⁵ / ₁₆
Finished framing (W" x H")	22 ¹ / ₂ x 45 ⁵ / ₁₆	29 ⁷ / ₁₆ x 29 ⁷ / ₁₆	29 ⁷ / ₁₆ x 37 ³ / ₁₆	29 ⁷ / ₁₆ x 45 ¹ / ₁₆	29 ⁷ / ₁₆ x 53 ³ / ₄
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
FS Impact / Aluminum	319 / T	317 / N	375 / N	440 / N	533 / N

For product options and notes, please refer to the residential price list (XUS 20014)



Continental USA delivery guidelines	
In-stock at regional warehouses – Allow 2 to 4 business days for shipment.	S
Trans-shipped from central warehouse – Allow 10 to 14 business days for shipment.	T
Not stocked; Manufactured on demand – Allow approximately 30 business days for shipment.	N

 Truss series deck mounted skylights that fit perfectly between trusses set 24" on center, and frames available in pre-painted white call for more info.

Curb mounted skylights

Electric venting skylight - model VCE



Manual venting skylight - model VCM



Fixed skylight - model FCM



Model VCE

Size code	2222	2234	2246	3030	3046	3434	4646
Inside curb (W"x H")	22½ x 22½	22½ x 34½	22½ x 46½	30½ x 30½	30½ x 46¼	34½ x 54½	46½ x 46½
Outside curb (W"x H")	25½ x 25½	25½ x 37½	25½ x 49½	33½ x 33½	33½ x 49½	37½ x 37½	49½ x 49½
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
VCE Impact / Aluminum	740 / N	879 / N	915 / N	933 / N	998 / N	989 / N	1150 / N

Model VCM

Size code	2222	2234	2246	3030	3046	3434	4646
Inside curb (W"x H")	22½ x 22½	22½ x 34½	22½ x 46½	30½ x 30½	30½ x 46½	34½ x 34½	46½ x 46½
Outside curb (W"x H")	25½ x 25½	25½ x 37½	25½ x 49½	33½ x 33½	33½ x 49½	37½ x 37½	49½ x 49½
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
VCM Impact / Aluminum	405 / N	535 / N	529 / N	565 / N	738 / N	707 / N	830 / N

Model FCM Part 1

Custom impact FCM sizes are available

Size code	1430	1446	2222	2230	2234	2246
Inside curb (W"x H")	14½ x 30½	14½ x 46½	22½ x 22½	22½ x 30½	22½ x 34½	22½ x 46½
Outside curb (W"x H")	17½ x 33½	17½ x 49½	25½ x 25½	25½ x 33½	25½ x 37½	25½ x 49½
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
FCM Impact / Aluminum	290 / N	357 / N	198 / T	298 / N	319 / N	274 / T
FCM Miami-Dade / Aluminum	359 / N	459 / N	250 / T	369 / N	395 / N	350 / T

Model FCM Part2

Custom impact FCM sizes are available

Size code	3030	3046	3434	4646
Inside curb (W"x H")	30½ x 30½	30½ x 46½	34½ x 34½	46½ x 46½
Outside curb (W"x H")	33½ x 33½	33½ x 49½	37½ x 37½	49½ x 49½
Glazings / Claddings	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
FCM Impact / Aluminum	353 / N	443 / N	403 / N	454 / T
FCM Miami-Dade / Aluminum	437 / N	546 / N	498 / N	550 / T

Continental USA delivery guidelines

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Trans-shipped from central warehouse – Allow 10 to 14 business days for shipment.	T
Not stocked; Manufactured on demand – Allow approximately 30 business days for shipment.	N

For product options and notes, please refer to the residential price list (XUS 20014)



Self flashed skylights

Electric venting skylight - model QVE









Manual venting skylight - model QVM









Fixed skylight - model QFS








Model QVE

Size code	 150	 152	 156	 302	 306	 656
Outside frame (W" x H")	23 ³ / ₄ x 23 ⁷ / ₈	23 ³ / ₄ x 30 ¹ / ₂	23 ³ / ₄ x 46 ¹ / ₄	30 ⁹ / ₁₆ x 30 ⁵ / ₈	30 ⁹ / ₁₆ x 46 ¹ / ₄	47 ¹ / ₄ x 46 ¹ / ₄
Rough opening (W" x H")	22 ⁷ / ₁₆ x 22 ¹ / ₂	22 ⁷ / ₁₆ x 29 ⁹ / ₁₆	22 ⁷ / ₁₆ x 45 ⁵ / ₁₆	29 ¹¹ / ₁₆ x 29 ⁹ / ₁₆	29 ¹¹ / ₁₆ x 45 ⁵ / ₁₆	46 ⁷ / ₁₆ x 45 ⁵ / ₁₆
Glazings / Claddings	\$ / Delivery		\$ / Delivery		\$ / Delivery	
QVE Impact / Aluminum	908 / N	951 / N	1028 / N	988 / N	1145 / N	1410 / N

Model QVM

Size code	 150	 152	 156	 302	 306	 656
Outside frame (W" x H")	23 ³ / ₄ x 23 ⁷ / ₈	23 ³ / ₄ x 30 ¹ / ₂	23 ³ / ₄ x 46 ¹ / ₄	30 ⁹ / ₁₆ x 30 ⁵ / ₈	30 ⁹ / ₁₆ x 46 ¹ / ₄	47 ¹ / ₄ x 46 ¹ / ₄
Rough opening (W" x H")	22 ⁷ / ₁₆ x 22 ¹ / ₂	22 ⁷ / ₁₆ x 29 ⁹ / ₁₆	22 ⁷ / ₁₆ x 45 ⁵ / ₁₆	29 ¹¹ / ₁₆ x 29 ⁹ / ₁₆	29 ¹¹ / ₁₆ x 45 ⁵ / ₁₆	46 ⁷ / ₁₆ x 45 ⁵ / ₁₆
Glazings / Claddings	\$ / Delivery		\$ / Delivery		\$ / Delivery	
QVM Impact / Aluminum	549 / N	617 / N	676 / N	636 / N	793 / N	1054 / N

Model QFS

Size code		 150	 152	 156	 302	 306
Outside frame	(W" x H")	23 ³ / ₄ x 23 ⁷ / ₈	23 ³ / ₄ x 30 ¹ / ₂	23 ³ / ₄ x 46 ¹ / ₄	30 ⁹ / ₁₆ x 30 ⁵ / ₈	30 ⁹ / ₁₆ x 46 ¹ / ₄
Rough opening	(W" x H")	22 ⁷ / ₁₆ x 22 ¹ / ₂	22 ⁷ / ₁₆ x 29 ⁹ / ₁₆	22 ⁷ / ₁₆ x 45 ⁵ / ₁₆	29 ¹¹ / ₁₆ x 29 ⁹ / ₁₆	29 ¹¹ / ₁₆ x 45 ⁵ / ₁₆
Glazings / Claddings		\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery	\$ / Delivery
QFS Impact / Aluminum		296 / T	412 / N	387 / T	443 / N	568 / N

For product options and notes, please refer
to the residential price list (XUS 20014)



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Not stocked; Manufactured on demand – Allow approximately 30 business days for shipment.	N

VELUX SUN TUNNEL™ skylights

**Pitched rigid
- model TMR**



**Low profile rigid
- model TGR**



**Pitched flexible
- model TMF**



**Low profile flexible
- model TGF**



Model TMR

Size code	010	014
Rough opening	10" Diameter	14" Diameter
Rigid tubing length with kit	43"	43"
Maximum recommended installation length	14'	18'
Pitched flashing units	\$ / Delivery	\$ / Delivery
TMR Impact dome Shingle / shake roof	199 / T	297 / T

Model TMF

Size code	014
Rough opening	14" Diameter
Flexible tubing length with kit	8'
Maximum recommended installation length	8'
Pitched flashing units	\$ / Delivery
TMF Impact dome Shingle / shake roof flashing	272 / T

Model TGR

Size code	010	014
Rough opening	10" Diameter	14" Diameter
Rigid tubing length with kit	43"	43"
Maximum recommended installation length	14'	18'
Low profile flashing units	\$ / Delivery	\$ / Delivery
TGR Impact dome Shingle / shake roof	197 / T	295 / T

Model TGF

Size code	014	021
Rough opening	14" Diameter	21" Diameter
Flexible tubing length with kit	8'	6'
Maximum recommended installation length	8'	12'
Low profile flashing units	\$	\$
TGF Impact dome Shingle / shake roof flashing	270 / T	355 / T

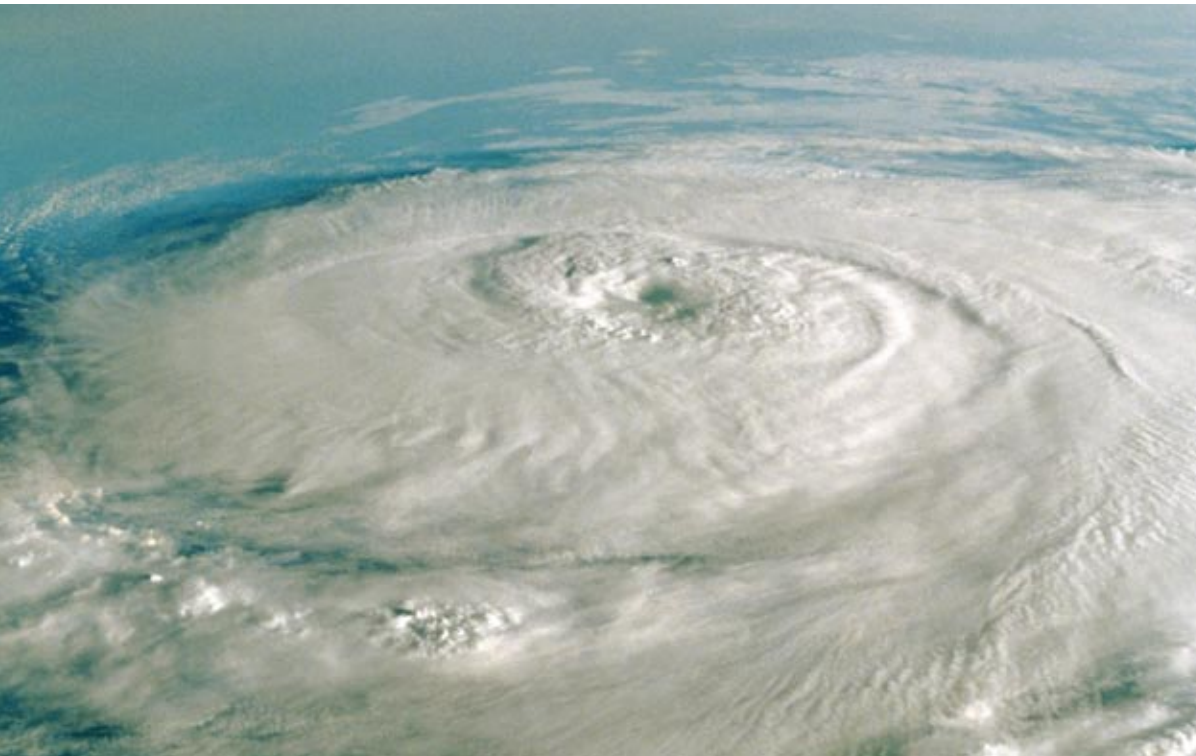
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For product options and notes, please refer to the residential price list (XUS 20014)





Skylights



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