VELUX dome ISJ 0112.

10 Year Guarantee

The ISJ opaque polycarbonate dome offers extra impact resistance and a diffused light for optimal working conditions. The VELUX dome is a simple dome solution for uninhabited rooms or buildings such as a small production factory, a car service or a stock facility.

- Compatible with all VELUX base units and most third party units for easy installation.
- The opaque dome diffuses the light for at comfortable working light with no glare.
- The opaque dome protects against overheating for a comfortable indoor climate.
- Available with 2 and 3 layer dome skins so you can select the energy performance that best suits your needs.
- Get a strong solution with this hard-wearing and durable polycarbonate dome.
- Reduce the need for maintenance and cleaning with a dome skin that is scratch- and dirt-resistant.

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Application guidance

Combine the dome with the base unit that meets your need for daylight and ventilation. Choose from a range of different materials and heights - fixed or vented.

Available sizes and daylight area

	600	800	900	1000	1200	1500	2000
600	ISJ 060060 (0.16)		ISJ 090060 (0.28)				
800		ISJ 080080 (0.36)					
900			ISJ 090090 (0.49)		ISJ 120090 (0.70)		
1000				ISJ 100100 (0.64)		ISJ 150100 (1.04)	ISJ 200100 (1.44)
1200					ISJ 120120 (1.00)		
1500						ISJ 150150 (1.69)	

All measurements are in mm. ( ) = Effective daylight area, m^2 [ ] = Geometric free area, m^2

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Technical values

Window characteristics	CFJ 0010/1010 + ISJ 0112	CFJ 2020 + ISJ 0112	CSJ 1210 + ISJ 0112	CSJ 1211 + ISJ 0112	CVJ 0210/1210 + ISJ 0112	CVJ 2220 + ISJ 0112
Air permeability	NPD	NPD	NPD	NPD	NPD	NPD
Thermal transmittance Urc,ref300 (CE-marked) (U-value)	2.2	2.1	2.0	2.0	2.0	2.0
Arc, ref300 (U-value transmission area)	2.6	2.5	3.1	3.1	3.1	3.0
Light transmittance (τ)	0.52	0.52	0.52	0.52	0.52	0.52
Sound insulation R_wdB [dB]	20	20	20	20	20	20
Total solar energy transmittance (g)	0.52	0.52	0.52	0.52	0.52	0.52
Ultraviolet transmittance (τuv)	NPD	NPD	NPD	NPD	NPD	NPD
Burglar resistance window	NPD	NPD	NPD	NPD	NPD	NPD
Frame factor	N/A	N/A	N/A	N/A	N/A	N/A
Air permeability	NPD	NPD	NPD	NPD	NPD	NPD
Reaction to fire	B-s2,d0	E	B-s2,d0	B-s2,d0	B-s2,d0	E
Bonding of cover glass (glass of top unit) [class]	N/A	N/A	N/A	N/A	N/A	N/A
External fire performance - European	NPD	NPD	NPD	NPD	NPD	NPD
External fire performance - British	NPD	NPD	NPD	NPD	NPD	NPD
Impact resistance	N/A	N/A	N/A	N/A	N/A	N/A
Impact resistance large soft body	NPD	NPD	NPD	NPD	NPD	NPD
Impact resistance small hard body	✓	✓	✓	✓	✓	✓
Rain noise	npd	npd	npd	npd	npd	npd
Resistance to downward loads	DL 1500	DL 1500	DL 1500	DL 1500	DL 1500	DL 1500
Resistance to fire	NPD	NPD	NPD	NPD	NPD	NPD
Resistance to snow load	N/A	N/A	N/A	N/A	N/A	N/A
Resistance to upward load	UL 1000	UL 1000	UL 1000	UL 1000	UL 1000	UL 1000
Resistance to wind load	N/A	N/A	N/A	N/A	N/A	N/A
Water tightness	✓	✓	✓	✓	✓	✓

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Cleaning and maintenance

Cleaning of the top unit is only possible from the outside. When cleaning the top unit, do not open the window. For electrical windows, switch off the mains supply.

Guarantee period

The full terms and conditions of the VELUX Product Guarantee are available on our website www.velux.co.uk or www.velux.ie

Further information

We reserve the right to make technical changes.

For more information on our products, please visit https://www.velux.co.uk or https://www.velux.ie.

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