EQUILUX WOOD®

CE

EN 1873 + A1: 2016

FIXE

THERMIK' **VERSION**

The EQUILUX WOOD®, consisting of a wooden upstand and opening frame fitted with double filling, is SKYDÔME's latest innovation in natural daylight solutions.
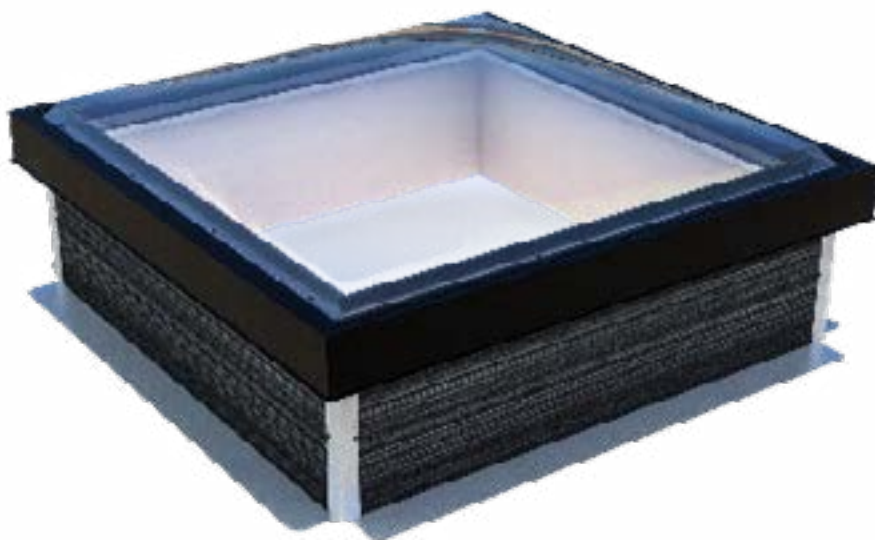
Filling
• Transparent PMMA upper dome + laminated glass safety double glazing

Upstand
• 290 mm or 460 mm high straight wooden upstand with a 30 mm bituminous insulating coating
• Natural white wood finish
• Treated with insecticide, fungicide and water repellent for enhanced stability and durability

OPTIONS

Types of filling
• Pyramid dome
• Solid PC dome

Upstand
• Fireproofed (M1) upstand on request

Other information
• Lacquered black exterior frame for even greater aesthetic appeal
• Two ranges of blinds: honeycomb blackout blinds and heat-abating pleated blinds
• Blind control system: manual or 24V electric including motor controller (220V/24V transformer), mounting brackets and load bar finished in RAL9016 as standard

Product benefits
Equilux Wood can be converted into a sash at a later date

Transform your fixed Equilux Wood into an opening Equilux Wood to suit your needs! An adaptable solution that combines aesthetics, ventilation and performance to suit your projects.

www.skydome.eu

SKYDÔME®

Dimensions

Roof opening dimensions A x B (cm)	Overall dimensions C x D (cm)	Height H* (cm)	Product weight** (kg)
60 x 60	82 x 82	53	34
80 x 80	102 x 102	55	46
90 x 90	112 x 112	58	58
100 x 100	122 x 122	58	72
120 x 120	142 x 142	62	99
140 x 140	162 x 162	65	155
150 x 150	172 x 172	67	168
60 x 90	82 x 112	53	39
80 x 120	102 x 142	55	73
100 x 200	122 x 222	58	138

Contact us for other dimensions. *For an upstand height of 290 mm. **Product delivered in 3 parts to facilitate onsite handling.

Acoustic performance

Acoustic attenuation R_W (C;C_{TR} (dB))	In progress
Rain-generated sound intensity Lia (dB)	In progress

R_W = sound attenuation index laboratory-measured according to EN410 (airborne noise)
R_A = R_W + C = "pink noise" attenuation index
$R_{A,Tr}$ = R_W + C_{TR} = attenuation index

Packaging

Delivered in three parts to facilitate rooftop handling (upstand + frame with laminated glass + dome).
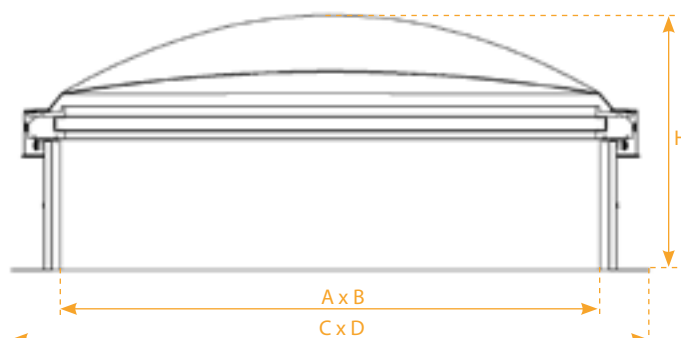
Technical specifications and performance

Roof opening (cm)	Light surface (m²)	Filling	Light transmission	U_{RC} (W/m²K)	A_{RC} (m²)	AP Class	Equivalent AEV classification	Air flow (m³/h) Less than 4 Pa	Air flow (m³/h) Less than 50 Pa
60 x 60	0.36	4-16-44.2	80%	1.20	1.50	0.02	A4	0	0.12
80 x 80	0.64	4-16-44.2	80%	1.10	2.10	0.03	A4	0	0.16
90 x 90	0.81	4-16-44.2	80%	1.10	2.40	0.04	A4	0	0.18
100 x 100	1.00	4-16-44.2	80%	1.10	2.80	0.04	A4	0	0.20
120 x 120	1.4	4-16-44.2	80%	1.10	3.60	0.05	A4	0	0.24
140 x 140	1.96	4-16-55.2	80%	1.00	4.50	0.06	A4	0	0.28
150 x 150	2.25	44.2-16-44.2	80%	1.00	4.90	0.06	A4	0	0.30
60 x 90	0.54	4-16-44.2	80%	1.20	1.90	0.03	A4	0	0.15
80 x 120	0.96	4-16-44.2	80%	1.20	2.70	0.04	A4	0	0.20
100 x 150	1.50	4-16-44.2	80%	1.10	3.70	0.50	A4	0	0.25
100 x 200	2.00	4-16-44.2	80%	1.10	3.20	0.04	A4	0	0.22

Air permeability tests carried out at the CSTC test centre as per NF EN 1873 protocols (with reference to the standards NF EN 12152 and NF EN 12153).

Technical diagrams

THERMIK' range
EQUILUX WOOD FIXE

Decorative and blackout blinds

Equilux Wood fixe offers two options for integrating a blind, depending on your needs and your initial order:

1. Blind included on delivery

- If the awning is included with the first delivery, the appliance is supplied with a transformer, replacing the motor for the opening versions.
- This configuration means that Equilux Wood fixed can be converted into an opening version at a later date, provided the transformer cassette is replaced.

2. Blind added at a later date

- If the blind is not included with the initial order, it will be supplied with an independent power supply and a dedicated remote control.
- In this case, it is still possible to convert the fixed Equilux Wood into an opening version. However, additional wiring will be required. For optimum aesthetics, we recommend using a horizontal trunking (not supplied) running the full length of the front of the appliance.
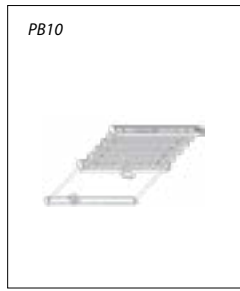
These options give you maximum flexibility in the use and development of your Equilux Wood fixed.

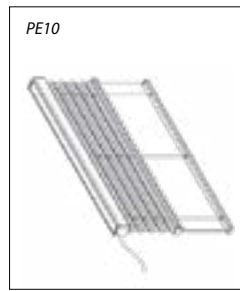### COMPLIANCE & INSTALLATION

- Fixing and waterproofing must comply with the specifications set out in the DTU 40 and 43 series in force.
- The waterproofing complex (substrate, vapour barrier, insulation and two-layer waterproofing) must not exceed 120 mm for an internal upstand height of 290 mm, or 290 mm for an internal upstand height of 460 mm.
- Maximum authorised slope: 15°, i.e. 26% (see installation instructions).

DoP available at www.skydome.eu

2 models available
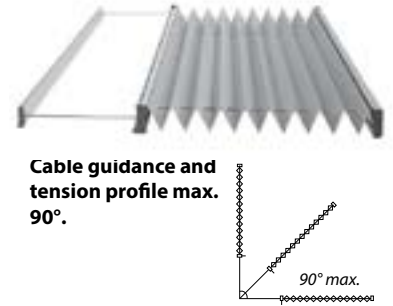
PB10

▶ **Modèle PB** with stripe

PE10

▶ **Modèle PE** motorised

Cable guidance and tension profile max. 90°.

90° max.

Fabric: 2 styles

- Pleated fabric is available in a wide variety of colours, textures and transparencies.
- We also offer the Cell model, a honeycomb pleated fabric that guarantees optimum opacity.

▶ **Anti-heat range**
pleated fabric

▶ **occultante range**
Cell fabric: honeycomb

4 FABRICS

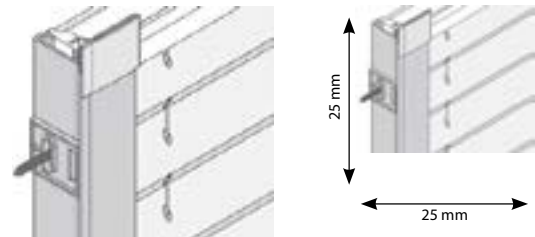| T1	T3	T4	T5
pleated fabric **Lumière Nacar**	*pleated fabric* **Solar Nacar Ignis**	*Cell fabric* **Opac Cell**	*Cell fabric* **Opac Cell Ignis**

2 TYPES OF FUNCTION

- **Manual operation** by tongue or complete telescopic rod
- **Radio or wired electric motor operation**

Technical characteristics

Repli		Model PB with stripe	Model PE motorised
		Superior	Superior
Width fabric	Minimum	150 mm	260 mm
	Maximum tissus 20 mm	1500 mm	2300 mm
	Maximum tissus 25 mm	1500 mm	2300 mm
Height fabric	Minimum	100 mm	100 mm
	Maximum tissus 20 mm	4500 mm	4500 mm
	Maximum tissus 25 mm	3500 mm	3500 mm
Surface maxi	Tissus T1, t3	6 m²	6 m²
	Tissu t4	5 m²	5 m²
	Tissu t5	4 m²	4 m²

Options

25 mm

25 mm

Coulisse latérale «L» 90° et 96°

(!) *The colour of the components matches the fabric chosen. Unless you specify otherwise on the order form, the profiles will be delivered in white.*

○ White RAL 9016
○ Ivory RAL 9001   ● Brown RAL 8019
○ Grey RAL 9006   ● metal grey DB 703

profile colours

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For the product range in other countries, please contact your local representative or visit www.skydome.eu.

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