

TECHNICAL CHARACTERISTICS

Composition	Approx. 2/3 PEFC wood and 1/3 polyethylene (excl. additives)
Board finish	Co-extruded composite open rhombus board
Surface density	14,6 kg/m ²
Linear density	2,56 kg/m
Composite board dimensions in mm (th. x w x L)	20 x 180 x 3600 Custom lengths available on special order, from 1 to 4 m
Working height	175 mm, including 7 mm hollow joint. with clip cover in horizontal projection
Tolerances	Width and thickness: +/- 2 mm ; Length: +/- 5 mm
Warranty	25 years - Winds up to 100 km/h



ADVANTAGES

Properties	Results	Standards
Environmental Product Declaration (EPD)	Registration number: 3-171:2019 First manufacturer to have drawn one up, in 2019, for our composite deck boards. Carbon footprint emitted (13.2 kg of CO ₂ per functional unit) approximately twice as less compared to other composites of German origin and 4 times less than exterior ceramic facings.	NF EN ISO 14025, NF EN 15804+A1 and NF EN 15804/CN
VOC emission	Low: A+ rating, non-toxic boards	EN 71-3 / ISO 16000
Moisture resistance	After immersion for 24 hours: Swelling: 0.4% Weight gain: 1.4%	EN 317
Fungal resistance	DC1 rating (very long-lasting)	EN 350
Termite resistance	"Long-lasting" rating	EN 350
Use rating	Use rating 4: EXTERIOR wood in contact with the ground or fresh water	EN 335
Wind resistance	V4 rating Up to a height of 30 m	CSTB 3517 NV65**
Shock resistance	Q4 rating (best rating)	NF P08-301 / P08-302 CSTB 3546v2 / CSTB 3534
Fire reaction	E rating	EN 13501-1
Coefficient of thermal expansion	$\alpha_L < 29 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	EN 15534 / EN 310

** for cladding in mainland France (zones I, II, III), and the French Overseas Regions and Territories (IV)

INSTALLATION CONDITIONS

Cleats:

- **Interval between cleats:** Max. 400 mm
- **Cleat durability:** min. use class 3b
- **Thickness:** min. 27 mm - **Width:** min. 40 mm

Profiles:

- **Profile overhang:** Max. 50 mm
- **Width and length expansion:**
 - between two profiles, between a profile and a wall or a cladding accessory: min. 5 mm

Vertical installation: It is imperative to double the cleats at the foot and at the top of the cladding to fix the ends of the boards with the clips

Installation with buttings: recommended to use the butting clips

Cladding base: Min. 200 mm between ground and the first board.
Installing an anti-rodent grille recommended

LAYOUT

For 1 m² of façade, use:

- **5,72 linear** metres of Atmosphere cladding boards
- **3 linear** metres of cleats
- **16 clips + screws**

LOGISTICAL INFORMATION

On pallets L = 3600 mm	Quantity	working m ²	Net weight
180 mm boards (working h=175mm)	84	53	780 kg

+ POINTS
Trendy colors
Quick to install
Easy to maintain
Homogeneous and permanent color
Freedom of installation





*warranty terms can be downloaded from www.silvadec.com






Quote assistance: see configurator on Silvadec.com



ATMOSPHERE CLADDING BOARD

Brushed finish 1 side				
		Limewash White RAL 9006	Sun Brown RAL 8025	Rio Brown RAL 8014
Atmosphere Cladding Board 20 x 180 x 3 600 mm	Ref.	SIBARLAM2103	SIBARLAM2102	SIBARLAM2101
	EAN code	3701347201347	3701347201347	3701347201361
Atmosphere Cladding Board 20 x 180 by metre (h= 175mm useful)	Ref.	SIBARLAM2123	SIBARLAM2122	SIBARLAM2121
	EAN code	3701347202207	3701347202191	3701347202184

175 CLADDING BOARD ACCESSORIES

Atmosphere Cladding Board accessories				
Powder-coated aluminium finish, Qualicoat® certified		Limewash White RAL 9006	Sun Brown RAL 8025	Rio Brown RAL 8014
End profile 124 x 31 x 2 400 mm 	Ref.	SIBARFIN2103	SIBARFIN2102	SIBARFIN2101
	EAN code	3701347201262	3701347201286	3701347201309
Multifunctional corner profile 48 x 55 x 2 400 mm 	Ref.	SIBARANG2103	SIBARANG2102	SIBARANG2101
	EAN code	3701347201200	3701347201224	3701347201248

Other aluminium accessories			
	Start profile 12 x 37 x 2 400 mm	Black cladding clip anodized alu + screws (x80)	Black butting clip anodized alu.+ screws (x16)
Ref.	SIBARDEB2100	SIBARCLIP2111	SIBARCLIP2112
EAN code	3701347201187	3701347201163	3701347201385

Compatible:

HQE certified worksites
External thermal insulation
Façade renovation

AN
ENVIRONMENTALLY
FRIENDLY
100% RECYCLABLE
PRODUCT

Practical information

- Installation instructions for louver cladding (ref. PU40)



- Maintenance advice

