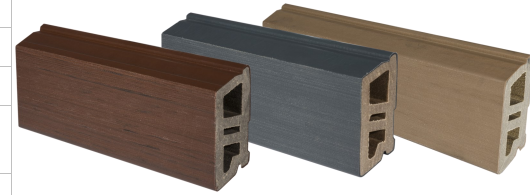


## TECHNICAL CHARACTERISTICS

Composition	Approx. 2/3 PEFC wood and 1/3 polyethylene (excl. additives)
Board finish	Co-extruded composite open rhombus board
Surface density	21 kg/m <sup>2</sup>
Linear density	1.8 kg/m
Composite board dimensions in mm (th. x w x L)	30 x 87 x 3600 Custom lengths available on special order, from 1 to 4 m
Tolerances	Width and thickness: +/- 2 mm ; Length: +/- 5 mm
Warranty	25 years* - Winds up to 100 km/h



## PROPERTIES

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 <sub>2</sub> 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 2929 NV65**
Fire reaction	E rating	EN 13501-1
Tensile strength	Fm = 23.6 MPa	EN 15534 / EN 310
Coefficient of thermal expansion	$\alpha_L < 29 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	EN 15534-4

\*\* 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: min. 5 mm
  - between a profile and a wall: min. 5 mm

**For installation with visible buttings:** cleats and clips must be doubled up on each profile end

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

## LAYOUT

For 1 m<sup>2</sup> of façade with a 15 mm gap, use:

- 12 linear metres of open rhombus boards
- 3 linear metres of cleats
- 28 clips + screws

## LOGISTICAL INFORMATION

On pallets L = 3600 mm	Quantity	working m <sup>2</sup>	Net weight
70 mm boards	105	31,5	662 kg

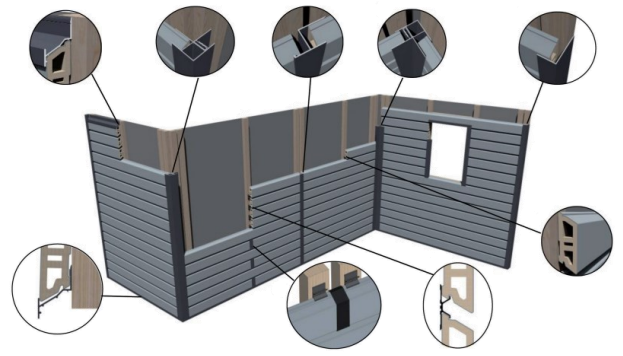
## + POINTS

Easy maintenance  
No treatment required  
Permanent and uniform colour  
25-year warranty\*



\*warranty terms can be downloaded from [www.silvadec.com](http://www.silvadec.com)




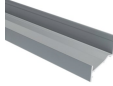




Quote assistance: see configurator on [Silvadec.com](http://Silvadec.com)





## OPEN RHOMBUS BOARDS

Brushed finish 1 side				
		Anthracite grey	Dark brown	Light brown
Cladding board 30 x 70 x 3600 mm	Ref.	SIBARLAM1301L3.6	SIBARLAM1303L3.6	SIBARLAM1305L3.6
	EAN code	3760102975985	3760102975688	3760102975916
Cladding board 30 x 70 by metre	Ref.	SIBARLAM1301	SIBARLAM1303	SIBARLAM1305
	EAN code	3760102975985	3760102975688	3760102975916

## CLADDING ACCESSORIES

Cladding accessories Powder-coated aluminium finish, Qualicoat® certified				
		Anthracite grey	Dark brown	Light brown
Start and end profile 34 x 52.5 x 3600 mm 	Ref.	SIBARPDF1301	SIBARPDF1303	SIBARPDF1305
	EAN code	3760102975992	3760102975725	3760102975923
Corner profile 34 x 62.5 x 3600 mm 	Ref.	SIBARPCOR1301	SIBARPCOR1303	SIBARPCOR1305
	EAN code	3760102976043	3760102975848	3760102975961
Inward/outward facing corner profile 89 x 89 x 3600 mm 	Ref.	SIBARPANG1301	SIBARPANG1303	SIBARPANG1305
	EAN code	3760102976036	3760102975817	3760102975954
Butting profile 33 x 66 x 3600 mm 	Ref.	SIBARPAB1301	SIBARPAB1303	SIBARPAB1305
	EAN code	3760102976005	3760102975756	3760102975930
Joint cover 30 x 87 x 35 mm 	Ref.	SIBARCJ1501	SIBARCJ1504	SIBARCJ1503
	EAN code	3760102977712	3760102977743	3760102977736

Other accessories		
	<b>Black anodised aluminium clips</b> (x 140 + screws)	
Ref.	SIBARCLIP1301	SIBARGAB1401
EAN code	3760102976050	3760102976432

### Compatible:

- HQE certified worksites
- External thermal insulation
- Façade renovation

AN  
ENVIRONMENTALLY  
FRIENDLY  
100% RECYCLABLE  
PRODUCT

## Practical information

- Installation instructions for open rhombus cladding (ref. PU29)



- Maintenance advice

