

#### TECHNICAL CHARACTERISTICS

Composition	Approx. 2/3 PEFC wood and 1/3 polyethylene (excl. additives)
Widths	138 mm
Dimensions in mm	138 x 23 x 4000
Tolerances	Width and thickness: +/- 2 mm; length: +/-10 mm
Linear density	3.2 kg/ml



#### ADVANTAGES

	Brushed finish
Temporary bronzing	NO
Scratch-resistant	●●
Slip-resistant	●●●
Comfortable barefoot (t° of the board in the sun) compared to exotic wood:	●●
Easy clean-up of household stains	●●●
Suited to outdoor areas exposed to UV rays and rain	●●●
Suited to sheltered or covered areas (including outdoor kitchens)	●●●

● : medium    ●● : good    ●●● : very good

**+ POINTS**

Ipe wood finish!  
 Does not warp or split  
 Does not turn grey: no need to apply a saturator  
 Splinter-free  
 Invisible fixing with clips  
 Suitable for all types of projects

#### PROPERTIES

Properties	Standards	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 CO2 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
Fungal resistance	Shoed feet \ Finish	DIN 51130
	Lengthwise to the board Cross-wise to the board	
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
Scratch resistance	350 gf: suitable for intensive commercial use_FCBA Method NF Floors	XP B 53669 appendix D
Load resistance	Withstands a uniformly distributed load of 500 kg/m <sup>2</sup> , For outdoor pedestrian use	Eurocode 1 / NF EN 1991-1
Tensile strength	Fm = 23.6 MPa	EN 15534 / EN 310
Coefficient of thermal expansion	αL < 29 x 10 <sup>-6</sup> . °C <sup>-1</sup>	EN 15534-4

#### INSTALLATION CONDITIONS

- Interval between joists: 400 mm
- Expansion gap between boards: 5 mm
- Peripheral gap between boards and external components: 15 mm

#### LOGISTICAL INFORMATION

On pallets L=4m	Quantity	working m <sup>2</sup>	Net weight
138 mm boards	104	59	1 332 kg

#### LAYOUT

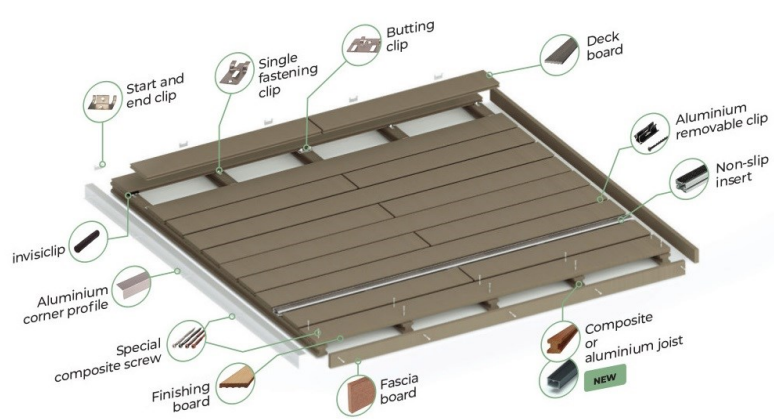
- For 1 m<sup>2</sup> of decking comprising
- 138 mm-wide boards, use:**
- 7 linear metres of boards,
  - 3 linear metres of joists,
  - 18 single fastening clips.



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

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

## FINISHING BOARDS AND PROFILES



	Ref.	EAN code
Decking boards (L=4m) 138 mm	B0035	3701347203631
Finishing boards (L=4 m) 138 mm	B0038	3701347203600
Fascia boards (L=2 m) 70 mm	B0037	3701347203617
Special stainless steel composite screws	SIVIS1702	3760102978962
Special stainless steel composite screws	SIVIS1701	3760102978955



Accessories	Aluminium corner profile 37 x 74 mm	Aluminium non-slip insert	Invisiclip option (x30)
Ref.	SICOALU1101	SIANTI1301	SICLIP1902
EAN code	3760102972755	3760102975381	3701347200494

NOTE: In production, the shades are created on the boards. They are delivered already mixed on the palette: no need to choose the colour!

## STRUCTURE AND FASTENING

Composite joist structure 50x50mm	Brown joist (L=4 m)	Brown joist (L=3 m)	Grey joist (L=4 m)	Single fastening clip + screws (x30)	Single fastening clip + screws (x360)	Start and end clip (x10)	Butting clip (x10)	Removable clip option (x10)
Ref.	SILAMB1001	SILAMB0601	SILAMB1102	SICLIP0501	SICLIP0801	SICLIP0601	SICLIP0502	SICLIP1601
EAN code	3760102973189	3760102970195	3760102973295	3760102970058	3760102971710	3760102970171	3760102970157	3760102978139
Joists support	Flat installation on flat concrete slabs							

Aluminium joist structure 63x40x3600mm	NEW Aluminium joist (L=3,6m)	Alu strut 337mm (without squares)	Single fastening clip + screws for alu joist (x36)	Start & end clip + screws for alu joist (x10)
Ref.	SILAMB2102	SILAMBENT2101	SICLIP2102	SICLIP2111
EAN code	3701347201101	3701347201118	3701347202528	3701347202535
Joists support	Interval between pedestals: 40 cm (public) 60 cm (residential)			

## Practical information

- Decking installation instructions (ref. PU7)



- Maintenance advice

