

TECHNICAL DETAILS

Dimensions	138 x 23 x 4,000 mm	180 x 23 x 4,000 mm	
Linear mass	3.60 kg/ml for smooth and textured finishes 3.50 kg/ml for the grooved finish	4.60 kg/ml for smooth and textured finishes 4.40 kg/ml for grooved finishes	
Layout 1m²	7 m of boards 3 m of joists 18 single fastening clips	5.4 m of boards 3 m of joists 14 single fastening clips	Help for quotations: see our configurator on silvadec.com
Logistics	4 m pallet: 104 boards; 57 m ² ; 1,456 kg	4 m pallet: 78 boards; 57 m ² ; 1,436 kg	
Overview of laying rules	Interval between joists: 400 mm on axis (between joist centres) Expansion gap between boards: 5 mm / Expansion gap between the boards and external elements: 15 mm / Do not lay in covered or sheltered areas Refer to the PU7 fitting instructions for full details		
Special length	Boards from 1.5 to 6 m to order.		
Tolerances	Width and thickness: ± 2 mm; Length: 0/+ 20 mm; Weight: ± 5%		

Characteristics

Advantages

COMPOSITION

2/3 wood Certified by Bois de France & PEFC 1/3 polymer Partially made from recycled materials MORE label	Material sourced from the circular and local economy. Worked in the same manner as solid wood. Splinter-free. Frost-resistant.
Elegance monoextruded manufacturing technology Integrally coloured, uniform product 3 finishes: smooth, grooved and textured	Bronzing phenomenon: natural patina of the board's colour due to UV rays and weathering. Will not grey over time. Ease of repair of the surface appearance (sanding)

DURABILITY AND SAFETY

Moisture resistance in accordance with EN 317 24-hour immersion: Swelling 0.4% Weight gain 1.4%.	Rot-proof, does not decay.
Resistance to pests in accordance with EN350 Fungi and termites: Class DC1 (very durable)	Not susceptible to fungi or insects. No chemical treatment. Guaranteed for 25 years.
Punching resistance in accordance with EN15534 Brinell hardness 59.6 MPa	Resistant material, hardness equivalent to oak.
Fire resistance in accordance with EN13501 C _{fi} -s1/ Broof classification (t1)	Suitable for use on roof terraces. Installation on aluminium joists (Reversil).
Solar Reflectance Index (SRI) in accordance with ASTM E1980 Colorado brown: between 28 and 30	The temperature in the sun is lower than that of decking made of exotic wood for colorado brown.
Slip resistance in accordance with DIN 51130 (scale from R9 to R13) Longitudinal direction: R11/R12; Transverse direction: R11/12 depending on finish	Safety ensured by excellent board grip.
Load resistance in accordance with DTU 51.4 (centreline distance 400 mm) Distributed load: 500 kg/m ² - Concentrated load: 200 kg	Corresponds to usage class A – residential.

MATERIAL PROPERTIES

Mechanical properties in bending in accordance with EN 15334 Module (E): 3,200 MPa - Breaking strength (Rm): 23.6 MPa	Material suitable for decking.
Physical properties Density: 1.22 g/cm ³ Longitudinal expansion coefficient: 35 µm · m ⁻¹ · °C ⁻¹	Thermal expansion in the longitudinal direction: 1 mm per m for a temperature variation range of 40°C.

HEALTH AND ENVIRONMENT

Environmental and Sanitary Declaration Form First manufacturer to establish this in 2019. Latest version April 2024, No.: 20240337404.	Environmental impact at the heart of our concerns. Meets RE2020 requirements.
VOC emissions in accordance with ISO 16000: Low, A+ classification	Non-toxic boards, suitable for use in nurseries.





TECHNICAL DETAILS

Dimensions	138 x 23 x 4,000 mm	
Linear mass	3.60 kg/ml	
Layout 1m²	7 m of boards 3 m of joists 18 single fastening clips	Help for quotations: see our configurator on silvadec.com
Logistics	4 m pallet: 104 boards; 57 m ² ; 1456 kg	
Overview of laying rules	Interval between joists: 400 mm on axis (between joist centres) Expansion gap between boards: 5 mm / Expansion gap between the boards and external elements: 15 mm / Do not lay in covered or sheltered areas Refer to the PU7 fitting instructions for full details	
Tolerances	Width and thickness: ± 2 mm; Length: 0/+ 20 mm; Weight: ± 5%	

Characteristics

Advantages

COMPOSITION

2/3 wood Certified by Bois de France & PEFC 1/3 polymer Partially made from recycled materials MORE label	Material sourced from the circular and local economy. Worked in the same manner as solid wood. Splinter-free. Frost-resistant.
Emotion monoextruded manufacturing technology Colour with durable shades throughout the mass	Bronzing phenomenon: natural patina of the board's colour due to UV rays and weathering. Will not grey over time. Ease of repair of the surface appearance (sanding)

DURABILITY AND SAFETY

Moisture resistance in accordance with EN 317 24-hour immersion: Swelling 0.4% Weight gain 1.4%.	Rot-proof, does not decay.
Resistance to pests in accordance with EN350 Fungi and termites: Class DC1 (very durable)	Not susceptible to fungi or insects. No chemical treatment. Guaranteed for 25 years.
Punching resistance in accordance with EN15534 Brinell hardness 59.6 MPa	Resistant material, hardness equivalent to oak.
Slip resistance in accordance with DIN 51130 (Scale from R9 to R13) Longitudinal direction: R11; Transverse direction: R12	Safety ensured by excellent board grip.
Fire resistance in accordance with EN13501 C _{fi} -s1/ Broof classification (t1)	Suitable for use on roof terraces. Installation on aluminium joists (Reversil).
Load resistance in accordance with DTU 51.4 (centreline distance 400 mm) Distributed load: 500 kg/m ² - Concentrated load: 200 kg	Corresponds to usage class A – residential.

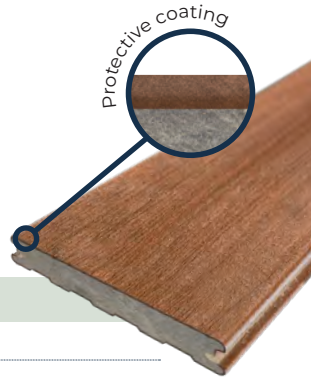
MATERIAL PROPERTIES

Mechanical properties in bending in accordance with EN 15334 Module (E): 3,200 MPa - Breaking strength (R _m): 23.6 MPa	Material suitable for decking.
Physical properties Density: 1.22 g/cm ³ Longitudinal expansion coefficient: 35 µm · m ⁻¹ · °C ⁻¹	Thermal expansion in the longitudinal direction: 1 mm per m for a temperature variation range of 40°C.

HEALTH AND ENVIRONMENT

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VOC emissions in accordance with ISO 16000: Low, A+ classification	Non-toxic boards, suitable for use in nurseries.





TECHNICAL DETAILS

Dimensions	138 x 23 x 4,000 mm	180 x 23 x 4,000 mm	
Linear mass	3.20 kg/ml	4.25 kg/ml	
Layout 1m²	7 m of boards 3 m of joists 18 single fastening clips	5.4 m of boards 3 m of joists 14 single fastening clips	Help for quotations: see our configurator on silvadec.com
Logistics	4 m pallet: 104 boards; 57 m ² ; 1,332 kg	4 m pallet: 78 boards; 57 m ² ; 1,326 kg	
Overview of laying rules	Interval between joists: 400 mm on axis (between joist centres) Expansion gap between boards: 5 mm Expansion gap between boards and external elements: 15 mm Refer to the PU7 fitting instructions for full details		
Special length	Boards from 1.5 to 6 m to order.		
Tolerances	Width and thickness: ± 2 mm; Length: 0/+ 20 mm; Weight: ± 5%		

Characteristics

Advantages

COMPOSITION

2/3 wood Certified by Bois de France & PEFC 1/3 polymer Partially made from recycled materials MORE label	Material sourced from the circular and local economy. Worked in the same manner as solid wood. Splinter-free. Frost-resistant.
Atmosphere co-extruded manufacturing technology 100% polymer protective coating around the board	Colour stability, UV resistant. Easy clean-up of household stains.

DURABILITY AND SAFETY

Moisture resistance in accordance with EN 317 24-hour immersion: Swelling 0.4% Weight gain 1.4%.	Rot-proof, does not decay.
Resistance to pests in accordance with EN350 Fungi and termites: Class DC1 (very durable)	Not susceptible to fungi or insects. No chemical treatment. Guaranteed for 25 years.
Scratch resistance in accordance with XP B 53669 350 gf: FCBA NF Method for Wood Floors	Suitable for intensive commercial use.
Colour fastness according to ISO 105-A02 Grey scale: ≥ 4 for 10 years	Colour guaranteed for 10 years, laboratory quality testing.
Slip resistance in accordance with DIN 51130 (Scale from R9 to R13) Longitudinal direction: R12; Transverse direction: R13	Safety ensured by excellent board grip.
Load resistance in accordance with DTU 51.4 (centreline distance 400 mm) Distributed load: 500 kg/m ² - Concentrated load: 200 kg	Corresponds to usage class A – residential.

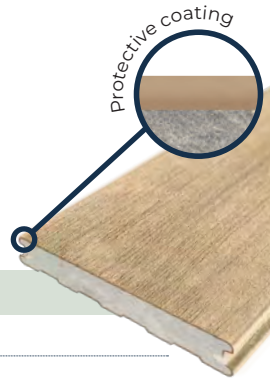
MATERIAL PROPERTIES

Mechanical properties in bending in accordance with EN 15334 Module (E): 3,200 MPa - Breaking strength (Rm): 23.6 MPa	Material suitable for decking.
Physical properties Density: 1.22 g/cm ³ Longitudinal expansion coefficient: 29 µm · m ⁻¹ · °C ⁻¹	Thermal expansion in the longitudinal direction: 1 mm per m for a temperature variation range of 40°C.

HEALTH AND ENVIRONMENT

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VOC emissions in accordance with ISO 16000: Low, A+ classification	Non-toxic boards, suitable for use in nurseries.





TECHNICAL DETAILS

Dimensions	138 x 23 x 4,000 mm	
Linear mass	3,20 kg/ml	
Layout 1m²	7 m of boards 3 m of joists 18 single fastening clips	Help for quotations: see our configurator on silvadec.com
Logistics	4 m pallet: 104 boards; 57 m ² ; 1,332 kg	
Overview of laying rules	Interval between joists: 400 mm on axis (between joist centres) Expansion gap between boards: 5 mm Expansion gap between boards and external elements: 15 mm Refer to the PU7 fitting instructions for full details	
Special length	Boards from 1,5 to 4 m to order.	
Tolerances	Width and thickness: ± 2 mm; Length: 0/+ 20 mm; Weight: ± 5%	

Characteristics

Advantages

COMPOSITION

2/3 wood Certified by Bois de France & PEFC 1/3 polymer Partially made from recycled materials MORE label	Material sourced from the circular and local economy. Worked in the same manner as solid wood. Splinter-free. Frost-resistant.
Nuances by Silvadec® coextruded manufacturing technology 100% polymer protective coating around the board Random colour shades produced continuously	Colour stability, UV resistant. Easy clean-up of household stains. Elegant and durable colour shades.

DURABILITY AND SAFETY

Moisture resistance in accordance with EN 317 24-hour immersion: Swelling 0.4% Weight gain 1.4%.	Rot-proof, does not decay.
Resistance to pests in accordance with EN350 Fungi and termites: Class DC1 (very durable)	Not susceptible to fungi or insects. No chemical treatment. Guaranteed for 25 years.
Scratch resistance in accordance with XP B 53669 350 gf: FCBA NF Method for Wood Floors	Suitable for intensive commercial use.
Colour fastness according to ISO 105-A02 Grey scale: ≥ 4 for 10 years	Colour guaranteed for 10 years, laboratory quality testing.
Solar Reflectance Index (SRI) in accordance with ASTM E1980 Nuances Ipe: between 4 and 13; Nuances Light Oak: between 31 and 33	Lower temperature in direct sunlight than that of decking made from exotic wood for the light oak shade.
Slip resistance in accordance with DIN 51130 (Scale from R9 to R13) Longitudinal direction: R12; Transverse direction: R13	Safety ensured by excellent board grip.
Load resistance in accordance with DTU 51.4 (centreline distance 400 mm) Distributed load: 500 kg/m ² - Concentrated load: 200 kg	Corresponds to usage class A – residential.

MATERIAL PROPERTIES

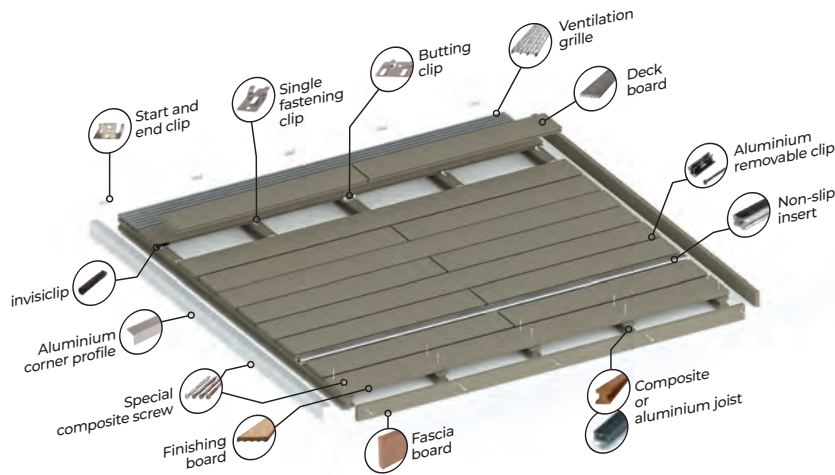
Mechanical properties in bending in accordance with EN 15334 Module (E): 3,200 MPa - Breaking strength (Rm): 23.6 MPa	Material suitable for decking.
Physical properties Density: 1.22 g/cm ³ Longitudinal expansion coefficient: 29 µm · m ⁻¹ · °C ⁻¹	Thermal expansion in the longitudinal direction: 1 mm per m for a temperature variation range of 40°C.









HEALTH AND ENVIRONMENT

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VOC emissions in accordance with ISO 16000: Low, A+ classification	Non-toxic boards, suitable for use in nurseries.











DECKING PART REFERENCES



STRUCTURE								
Composite joist structure								
	Brown joist	Brown joist	Grey joist	Single fastening clip + screws (x 30)	Single fastening clip + screws (x 360)	Start and end clip + screws (x 10)	Butting clip + screws (x 10)	Optional removable clip + screws (x 10)
	50 x 50 x 4000 mm	50 x 50 x 3000 mm	50 x 50 x 4000 mm	SICLIP0501	SICLIP0801	SICLIP0601	SICLIP0502	SICLIP1601
Ref.	SILAMB1001	SILAMB0601	SILAMB1102	SICLIP0501	SICLIP0801	SICLIP0601	SICLIP0502	SICLIP1601
EAN	3760102973189	3760102970195	3760102973295	3760102970058	3760102971710	3760102970171	3760102970157	3760102978139
Joist support	Laid and installed directly on a flat concrete slab							

FINISHING					
Special stainless-steel composite finishing screw (x50)					
	Light Brown	Dark Brown	Light Grey	Dark Grey	
	B0079	B0077	B0080	B0078	
EAN	3760102970119	3760102970089	3760102970102	3760102970072	
Finishing accessories				Ventilation grille 138 x 23 x 1995 mm	
	Aluminium corner profile 37 x 74 mm	Non-slip insert 45 x 23 x 2000 mm	Optional invisclip (x 30)		
	SICOALU1101	SIANTI1301	SICLIP1902	E0296	E0304
EAN	3760102972755	3760102975381	3701347200494	3760102973646	3760102973653

STRUCTURE								
REVERSIL aluminium structure								
	REVERSIL joist	REVERSIL divider	Single fastening clip + screws for aluminium joists (x 36)	Start and end clips + screws for aluminium joists (x 10)	Finishing screws for aluminium joists (x 50)	REVERSIL horizontal brackets + H8 screws (x 10)	REVERSIL vertical brackets + H8 screws (x 10)	Folding REVERSIL connectors + H8 screws (x 10)
	63 x 40 x 3600 mm	63 x 40 x 337 mm	SICLIP2102	SICLIP2111	C0087	B0027	B0028	B0029
Ref.	SILAMB2102	SILAMBENT2101	SICLIP2102	SICLIP2111	C0087	B0027	B0028	B0029
EAN	3701347201101	3701347201118	3701347202528	3701347202535	3760102971093	3701347203457	3701347203464	3701347203440
Joist support	Centreline distance between pedestals: 40 cm (public), 60 cm (residential)							



MONOEXTRUSION
TECHNOLOGY

ELEGANCE

Deck boards 138 x 23 x 4000 mm			Colorado Brown		Exotic Brown		Iroise Grey		Anthracite Grey
Smooth finish	Ref.		SILAM0507L4		SILAM0509L4		SILAM0508L4		SILAM0904L4
	EAN		3760102970737		3760102970751		3760102970744		3760102971055
Grooved finish	Ref.		SILAM0501L4		SILAM0503L4		SILAM0502L4		SILAM0903L4
	EAN		3760102970126		3760102970218		3760102970201		3760102970980
Embossed finish	Ref.		SILAM1001L4		SILAM1002L4		SILAM1003L4		SILAM1004L4
	EAN		3760102972854		3760102972113		3760102972120		3760102972137

Deck boards 180 x 23 x 4000 mm									
Smooth finish	Ref.		SILAM1201L4		SILAM1202L4		SILAM1203L4		SILAM1204L4
	EAN		3760102974599		3760102974612		3760102974636		3760102974650
Grooved finish	Ref.		SILAM1205L4		SILAM1206L4		SILAM1207L4		SILAM1208L4
	EAN		3760102974674		3760102974698		3760102974711		3760102974735
Embossed finish	Ref.		SILAM1313L4		SILAM1314L4		SILAM1315L4		SILAM1316L4
	EAN		3760102975442		3760102975466		3760102975480		3760102975503

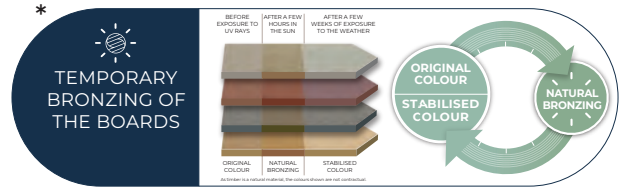
Finishing boards Smooth finish									
138 x 23 x 4000 mm	Ref.		SIPLCH0906		SIPLCH0908		SIPLCH0907		SIPLCH0910
	EAN		3760102971932		3760102973196		3760102971949		3760102973202
180 x 23 x 4000 mm	Ref.		SIPLCH1302		SIPLCH1301		SIPLCH1303		SIPLCH1304
	EAN		3760102975404		3760102975398		3760102975411		3760102975428

Fascia boards Smooth finish									
70 x 20 x 2000 mm	Ref.		SIJUP0301		SIJUP0401		SIJUP0302		SIJUP0901
	EAN		3760102973141		3760102973158		3760102973165		3760102973172

EMOTION

Deck boards Smooth finish			Savannah Brown		Ecuador Brown
138 x 23 x 4000 mm	Ref.		SILAM0901L4		SILAM0902L4
	EAN		3760102970997		3760102971000

Fascia boards Smooth finish					
70 x 20 x 2000 mm	Ref.		SIJUP1001		SIJUP1002
	EAN		3760102972977		3760102972984



ATMOSPHERE

Deck boards Brushed finish			Belem Grey	Sao Paulo Brown	Cayenne Grey	Lima Brown	Ushuaia Grey	Rio Brown					
138 x 23 x 4000 mm	Ref.		SILAM1601L4		SILAM1602L4		SILAM1603L4		SILAM1607L4			SILAM1609L4	SILAM1812L4
	EAN		3760102977866		3760102977880		3760102977927		3760102978252		3760102978290		3760102970799
180 x 23 x 4000 mm	Ref.		SILAM1807L4		SILAM1809L4		SILAM1810L4		SILAM1808L4			SILAM1610L4	SILAM1811L4
	EAN		3760102978177		3760102978214		3760102978238		3760102978276		3760102978313		3760102970768

Finishing boards Brushed finish													
138 x 23 x 4000 mm	Ref.		SIPLCH1603		SIPLCH1601		SIPLCH1604		SIPLCH1602			SIPLCH1605	SIPLCH1801
	EAN		3760102978764		3760102978740		3760102978771		3760102978757		3760102978788		3760102970812
180 x 23 x 4000 mm	Ref.		SIPLCH1803		SIPLCH1805		SIPLCH1804		SIPLCH1806			SIPLCH1802	SIPLCH1807
	EAN		3760102970836		3760102970850		3760102970843		3760102970867		3760102970829		3760102970874

Fascia boards Brushed finish													
70 x 20 x 2000 mm	Ref.		SIJUP1604		SIJUP1601		SIJUP1602		SIJUP1605			SIJUP1603	SIJUP1801
	EAN		3760102978320		3760102977903		3760102977934		3760102978337		3760102978122		3760102970805

NUANCES BY SILVADEC

Deck boards Brushed finish			Ipe Nuances	Nuances Light Oak	
138 x 23 x 4000 mm	Ref.		B0035		D0373
	EAN		3701347203631		3760102973066

Finishing boards Brushed finish					
138 x 23 x 4000 mm	Ref.		B0038		D0374
	EAN		3701347203600		3760102973080
70 x 20 x 2000 mm	Ref.		B0037		D0369
	EAN		3701347203617		3760102972687