

TECHNICAL DATA SHEET

Aluminium fencing boards

TECHNICAL CHARACTERISTICS

Composition	Powder-coated aluminium
Surface finish	Sanded
Unit weight	2.4 kg (+/- 5%)
Thickness	21 mm
Dimensions in mm (th. x w x L)	21 x 148 x 1797
Stacked working dimensions in mm (th. x w x L)	21 x 146 x 1797
Tolerances	Width and thickness: +/- 0.5 mm ; Length: +/-2 mm
Height can be	up to 1.80 m
Compatibility	Compatible with all aluminium design panels and accessories
Warranty	10 years* - Winds up to 100 km/h



ADVANTAGES

Properties	Results	Standards
Tensile strength	Fm > 270 Mpa	EN 15534 / EN 310
Coefficient of thermal expansion	$\alpha_L < 23.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	EN 15534-4

ADVANTAGES

Compatible with all Silvadec® accessories and design panels
 "Solid" or openworked installation
 Easy maintenance
 Recyclable

WIND-RESISTANT

Can be installed up to a height of 1.8 m above the ground if embedded, or on double-shellpost supports
 Wind-resistant up to 100 km/h

INSTALLATION CONDITIONS

Embedding the posts:

- Hole depth: At least 500 mm
- Hole diameter: Min. 300 mm
- Post height above ground: Max. 1815 mm

Aluminium boards:

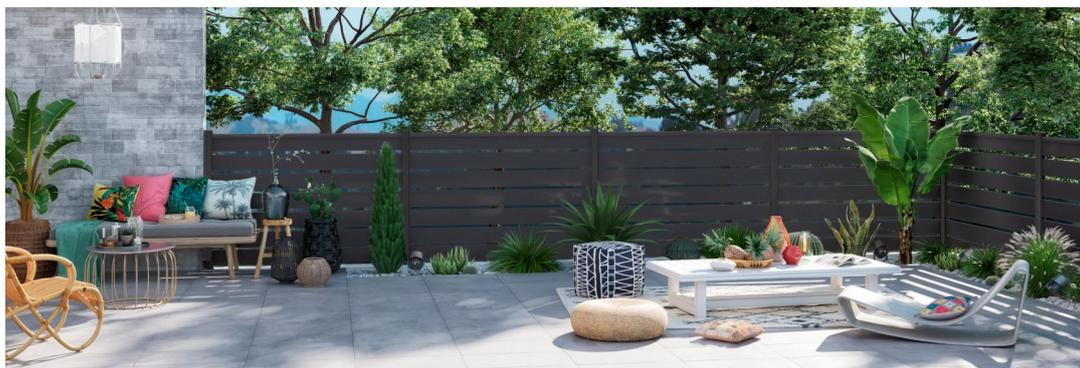
- Aluminium fencing can be openworked using 15 mm dividers, sold separately
- Aluminium boards can be combined on the same panel with wood composite boards, using halfway support rails

On post supports:

- Post height above ground: Max. 1845 mm
- Post spacing interval: 1800 mm**
- Gap to maintain between the post cover and top rail: min. 15 mm**

LOGISTICAL INFORMATION

On pallets L=1797 mm	Quantity	working m ²	Net weight
Aluminium board 148 mm	240	65	576 kg



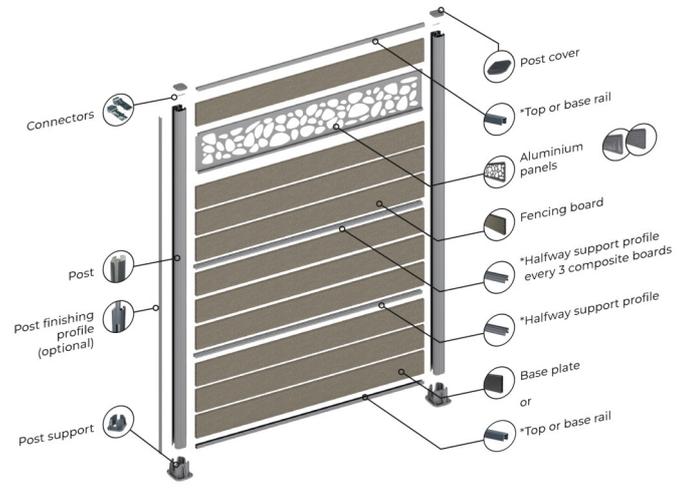
*warranty terms can be downloaded from

Quote assistance: see configurator on [Silvadec.com](https://www.silvadec.com).



FENCING BOARDS

Sanded aluminium fencing boards			
Colours	 Anthracite grey	 Metal grey	 Black
Ref.	SICLOTALU1801	SICLOTALU2001	C0055



* For aluminium, smooth boards are optional.

FENCING DESIGN KITS

Aluminium fencing design kits Horizontal Sanded finish		 Plant design kit 321 x 1783	 Mineral design kit 321 x 1783	 Urban design kit 321 x 1783	Aluminium fencing design kits Vertical Sanded finish		 Plant design kit 845x1791	 Mineral design kit 845x1791
Anthracite grey	Ref.	SIDCOR1608	SIDCOR1604	SIDCOR1612	Ref.	C0041	C0039	
Metal grey	Ref.	SIDCOR1606	SIDCOR1602	SIDCOR1610	Ref.	C0042	C0040	
Black	Ref.	C0051	C0049	-	Ref.	C0142	C0141	

Other design kit	
	Botanical panel 800 x 1800
Ref.	SIDCOR1616

Aluminium design kits: heights equivalent to 2 stacked fencing boards. Inserted at any height on the fencing. Easily insertable between 2 boards.

FENCING ACCESSORIES

Fencing accessories Sanded finish		 3-in-1 high-wind post 1260 mm	 3-in-1 high-wind post 2315 mm	 Double-shell post support	 Post cover	 Wall-fixed half-post 1845 mm	 Semi-cover for wall-fixed post	 Top or bottom rail 26x30x1736 mm	 Halfway support rail 1736 mm
Anthracite grey	Ref.	SIPOT1405	SIPOT1406	SIPLAT1402	SICHAP1402	SIPOT1801	SICHAP1801	SILISHB1901	SILISINT1402
Metal grey	Ref.	SIPOT1403	SIPOT1404	SIPLAT1401	SICHAP1401	SIPOT1802	SICHAP1802	SILISHB1902	SILISINT1401
Black	Ref.	C0060	C0061	C0059	C0048	C0053	C0052	C0056	C0057

Fencing accessories Sanded finish		 Base plate 1797 mm	 Post finishing profile 27x9.5x1845 mm	 Dividers (x 22)
Anthracite grey	Ref.	SICLOT1422	SIPOT1408	SIENT1801
Metal grey	Ref.	SICLOT1421	SIPOT1407	SIENT2002
Black	Ref.	C0058	C0047	C0054

Other accessories	
	Top/bottom rail connectors kit (x 2)
Ref.	SILISCO1301

Aluminium door Sanded finish		 Door structure 1000x1682 mm	 Aluminium door post 100x100x2315 mm
Anthracite grey	Ref.	SIPORT1901	SIPORTPOT1901



Practical information

- Installation instructions for aluminium fencing (ref. PU36)



- Maintenance advice

