Technical data sheet
Atmosphere fencing boards

TECHNICAL CHARACTERISTICS

Composition	Approx. 2/3 PEFC wood and 1/3 polyethylene (excl. additives)
Surface finish	1 embossed side, 1 smooth side
Unit weight	4.28 kg (+/- 5%)
Thickness	21 mm
Dimensions in mm (th. x w x L)	21 x 150 x 1783
Stacked working dimensions in mm (th. x w x L)	21 x 146 x 1783
Tolerances	Width and thickness: +/- 2 mm ; Length: +/-5 mm
Height can be	up to 1.80 m
Compatibility	Compatible with all aluminium design panels and accessories
Warranty	25 years* - Winds up to 100 km/h
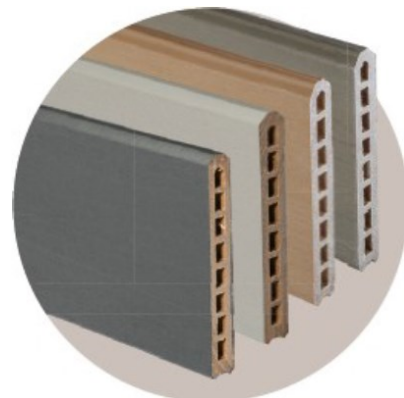
PROPERTIES

Properties	Results	Standards
VOC emission	Low: A+ rating, non-toxic boards. Ideal for use in nurseries, suitable for children of all ages	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
Tensile strength	Fm > 23.6 Mpa	EN 15534 / EN 310
Coefficient of thermal expansion	$\alpha L < 29 \times 10\text{-}6.\,°C\text{-}1$	EN 15534-4

+ POINTS
A permanent colour, resistant
to shade variations
No temporary bronzing
Stain-resistant
Easy maintenance

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

Atmosphere boards:
- Suited to installation on a low wall
- Wood composite boards can be combined on the same panel with aluminium 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

LOGISTICAL INFORMATION

On pallets L=1783 mm	Quantity	working m²	Net weight
Atmosphere board 150 mm	245	66	1 049 kg

25 GUARANTEED YEARS*

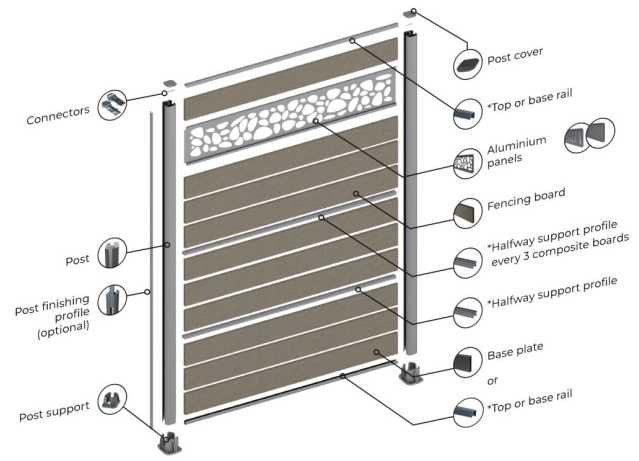*warranty terms
can be downloaded from

Quote assistance: see configurator on
Silvadec.com.

FENCING BOARDS

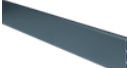|	Atmosphere fencing boards 1 smooth side		Atmosphere fencing boards 1 embossed side, 1 smooth side	
Colours	**Sun Brown**	**Wild Grey**	**Anthracite grey**	**Light grey**
Ref.	B0040	B0041	SICLOT1404	SICLOT1403

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		Other design kit	Botanical panel 800 x 1800
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		**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 composite fencing (ref. PU11)

- Maintenance advice