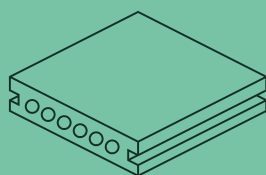


Open Series

Paviproof Fence

OUTDOOR SYNTHETIC
TECHNOLOGICAL ENCAPSULATED
FENCE

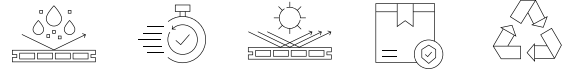


TECHNICAL SPECIFICATIONS

 Pavimentus



Product Description



Outdoor synthetic technological encapsulated fence

The OPEN Series PAVIPROOF Encapsulated Synthetic Technology Fence is an advanced option for enclosing outdoor spaces, combining elegance, durability and minimal maintenance. Made from recycled and recyclable materials, this fence is designed to withstand extreme weather conditions, maintaining its appearance and performance over time. Its design with separation between slats allows for greater ventilation and visibility, making it ideal for gardens, swimming pools, shopping centres and restaurants.

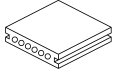
One of the main differences between the Encapsulated PAVIPROOF and the non-encapsulated Pavideck fence, also from the OPEN Series, is the type of surface protection. The PAVIPROOF has an integral plastic coating that covers its four sides, providing total protection against stains, scratches, fading, water and moisture. This encapsulation prevents the fence from deteriorating, making it a highly durable and low-maintenance option.

The PAVIPROOF also stands out for its attractive aesthetics, offering two finishes in a single piece: a smooth side and a wood-effect side. This allows users to choose the look that best suits their surroundings. Available in five colours, these fences can easily be integrated into any exterior design project.

Classified as a Class 3 product, the PAVIPROOF ensures optimal outdoor performance. It does not rot, splinter, warp or crack, and thanks to its composition of PVC and recycled plastics, it is completely immune to pests such as fungi, insects and termites. This guarantees a safe and long-lasting environment, ideal for those looking for an effective and low-maintenance enclosure solution.



Technical details



138 mm x 23 mm x 2200 mm
3,2 pieces of 2,2 ml

Properties	Results	Test method
Density	1.35g/cm ³	ASTM D792-13
Abrasion resistance	65mg (1000cycles)	ASTM D4060-10
Brinell hardness	83 Mpa	EN15534
Boiling test	Water absorption by weight: 0.95%	EN15534
Adhesive strength	Average adhesion strength >1.78 MPa	EN319
Linear thermal expansion	41.6 × 10 ⁻⁶ K ⁻¹	EN15534
Falling mass impact resistance	Max residual indentation: 0.13 mm	EN15534
Contenido formaldehído	Not detected	ASTM D6007-14
Capacidad de flexión	Maximum load: Average: 3771N Min.:3622N	EN15534
Contenido de metales pesados	Sb:ND, As:ND, Se:ND, Sn:ND	EPA3051
Acumulación de calor	Δ T=-2.9°C	EN15534
Pb, Cd, Hg, Cr6+	Pb:ND, Cd:ND, Hg:ND, Cr6+:ND	RoHs-IEC62321
Moisture resistance	Original MOR: 30.7Mpa After exposure, MOR:28.1Mpa, Decrease: 9%.	EN15534
Indentation resistance	Application 2000N Brinell load hardness: 83Mpa, Elasticity rate Recovery: 73%	EN15534
Weather resistance	After 2000h Exposure Δ E*=1.45, Grayscale=4	EN1553 4 / ISO4892 -2
Anti-slip resistance	Class 3 Rd > 45	
Degree of humidity	0.85%	EN15534 / EN322
Swelling and water absorption	1 Swelling: 0.94% thickness, 0.2% width, 0.15% length. 2 Water absorption: 3.18%	EN15534
Water absorption	Water absorption (24h): 0.2%	ASTM D1037- 12B(24h)
Analysis of organisms	Rating 0, No growth	ISO 16869:2008



Gama de acabados



IPE LISO

138 mm x 23 mm x 2200 mm

Reference: Ipe Liso



IPE MADERA

138 mm x 23 mm x 2200 mm

Reference: Ipe Madera



NOGAL LISO

138 mm x 23 mm x 2200 mm

Reference: Nogal Liso



NOGAL MADERA

138 mm x 23 mm x 2200 mm

Reference: Nogal Madera



NEW

**TEKA LISO****138 mm x 23 mm x 2200 mm**

Reference: Teka Liso

NEW

**TEKA MADERA****138 mm x 23 mm x 2200 mm**

Reference: Teka Madera

**GRIS LISO****138 mm x 23 mm x 2200 mm**

Reference: Gris Liso

**GRIS MADERA****138 mm x 23 mm x 2200 mm**

Reference: Gris Madera



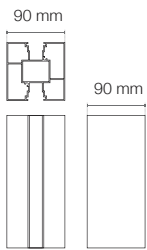
ANTIQUE LISO
138 mm x 23 mm x 2200 mm
Reference: Antique Liso



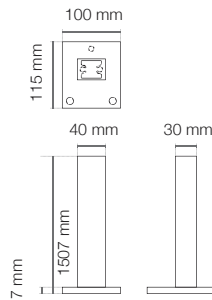
ANTIQUE MADERA
138 mm x 23 mm x 2200 mm
Reference: Antique Madera



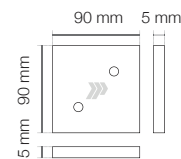
Accessories



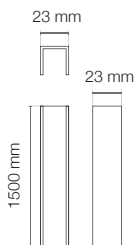
ALUMINUM FENCE PILLAR
90 mm x 90 mm



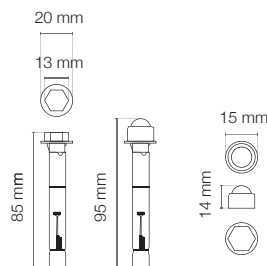
SPILLAR SUPPORT
140 mm x 100 mm



FENCE PILLAR COVER
90 mm x 90 mm



ALUMINUM PROFILE
23 mm x 23 mm x 1500 mm



EXPANSIVE SCREW
M8 x 100
4 ud/pillar



FLAT SCREW
M3,9 x 19
14 ud/pillar



Assembly instructions

Before beginning the installation, it is essential to read the entire installation manual carefully to comply with the basic assembly rules. Failure to comply will result in the cancellation of the Limited Warranty.

While our materials are very durable, we recommend that you follow storage and handling guidelines.

Always store the boards resting on a smooth, flat surface and out of direct sunlight exposure. It is advisable to place the material at the installation site 24 hours before the start of the installation, so that the material will adapt to the environmental conditions of the site.

Fence boards should be lifted and placed carefully to avoid damage, do not slide the boards over each other. Fence boards should be carried by the middle and on their edge for better support when moving them. Avoid sliding or dragging any equipment over the surface of the board to avoid dulling the surface. The exterior of the fence boards should be kept free of debris and construction materials to avoid damaging them.

Personal protective equipment (PPE) must be worn at all times when installing a synthetic technology fence. We recommend wearing gloves, protective glasses and a dust mask.

There are two main methods of installing technology fences: On soil or grass / On a concrete base or brick wall



Installation on ground or grass

STEP 1

Use a string to mark the fence line. Make sure the area is free of obstacles or vegetation.

STEP 2

Dig a hole to a depth of 600 to 850 mm, depending on the softness of the soil. Make sure the base of the hole is level.

STEP 3

Place the pillar support into the hole and make sure it is straight, using a level.

STEP 4

Fill the hole with mixed concrete. We recommend 2.5 to 3 20kg bags, depending on the size of the hole and soil conditions. Make sure the concrete is filled to approximately 25mm below ground level. Make sure the concrete is angled away from the fence post to facilitate water runoff.

STEP 5

Place the composite fence post on support. Check the post again to make sure it is plumb and level.

The composite fence post should be placed on the concrete. Only the support is secured to the ground. While the concrete sets, make sure the post does not rest on the surface. Use temporary battens if necessary.

STEP 6

Use a string to mark the next post and measure the distance to make sure it is correct. It may be helpful to use the bottom profile to double check the distance and mark it. Be careful not to leave wet concrete on the aluminum rail to double check the distance

distance and mark it. Be careful not to leave any wet concrete on the rail.

At this point, you can either:

Complete the first fence panel by moving on to step 7 or continue marking the remaining fence posts according to step 5.

STEP 7

Before installing the bottom profile, you may want to install the safety clips at the bottom of the fence post to support the boards. This is particularly useful when the ground is not solid enough.

STEP 8

Place the aluminium bottom rail into the H-slot of the pillar and align both ends. Slide the profile down between the pillars.

Level the aluminium bottom profile. The profile can be sunk into the ground if necessary.

STEP 9

Place the boards between the pillars, leaving a 2.5 mm gap between the end of the board and the pillar. The slats are installed with a 0.5 cm gap between them, for this purpose place 3 plastic clips between the slats (2 on the sides and one in the middle screwed in for strength). Stack the remaining boards.

STEP 10

Finish by inserting the top profile of the fence.

STEP 11

Optional: It is possible to secure the boards in place using a safety clip.

STEP 12

Insert the post cap.



Installation on concrete base or brick wall

STEP 1

Place the post supports into position, ensuring they are plumb/flat and square to the length of the fence. First, drill 3-5mm pilot holes.

STEP 2

Make sure the hole is straight and secure.

STEP 3

Make sure the expansion screws are tightened enough.

STEP 4

Slide the pillar onto the bracket.

STEP 5

Insert the lower aluminium profile and the boards

la fence. The slats are installed with a 0.5 cm gap between them, for this purpose place 3 plastic clips between the slats (2 on the sides and one in the middle screwed in for strength).

Optional: it is possible to secure the boards in place using a safety clip.

STEP 6

Check once again that the expansion screws are properly tightened. Place the plastic caps over the screws.

STEP 7

Insert the upper aluminium profile.

STEP 8

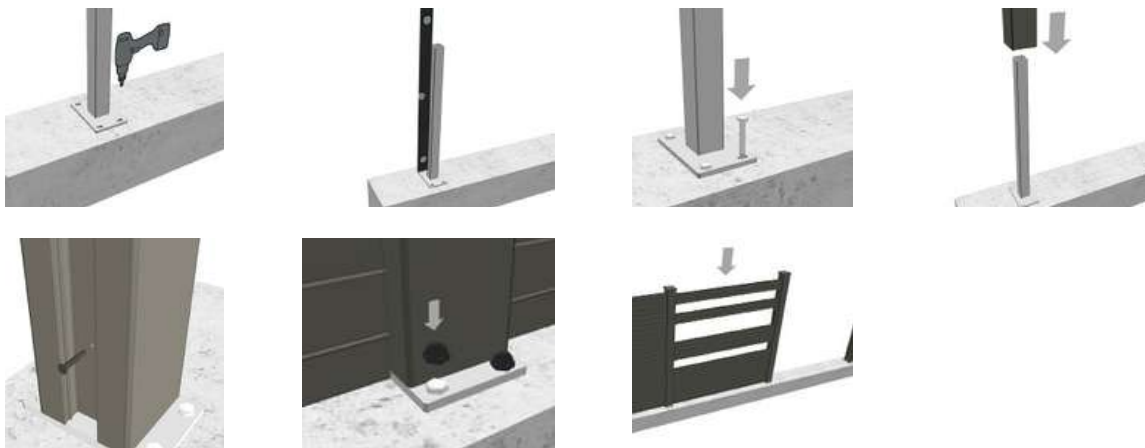
Insert the post caps.

Assembly sketch

Before you begin, make sure that the wall or foundation is in good condition. The minimum depth of the concrete should be 150 mm thick.

Remember, it is very important that the surface is properly prepared and that the supports are level, to ensure the correct installation of the fence.

The pillars usually come already machined with the support and cover mounted.





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