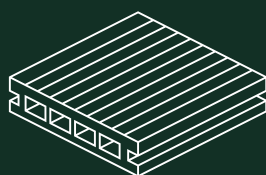


Pavideck Decking

Synthetic outdoor
technological flooring



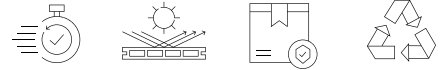
TECHNICAL SPECIFICATIONS

 Pavimentus



Product Description

Synthetic outdoor technological flooring



Manufactured and designed to be installed in outdoor areas, Pavideck technological decking has various applications and is ideal for installation in swimming pools, gardens, hotels, terraces and any outdoor space, supporting high and continuous traffic and without fear of falls and slips thanks to its non-slip finish. In addition, Pavideck outdoor decking is resistant to water and humidity and does not rot. It is also not affected by fungal, insect or termite infestations thanks to its composition.

Pavideck technological decking has very attractive finishes. It offers 2 finishing surfaces in the same piece, which can be Smooth or Striped, to choose or combine according to individual tastes and can be installed with a hidden clip system (stainless steel clip, with a 2 mm joint) or visible (plastic clip with a 5-7 mm joint).

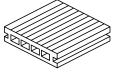
The components of the decking make it pleasant to the touch, allowing you to spend hours and hours on it. It is also characterised by its sound-absorbing effect, making it silent and suitable for key environments such as noise reduction.

Easy and quick to install, Pavideck outdoor decking requires only a few accessories for its complete installation. We have matching accessories in the same colour range (ash and oak).

Pavideck offers the possibility of other finishes and colours upon request.



Technical details



146 mm x 23 mm x 2200 mm

3,1 pieces of 2,2 ml

Composition :

60% Reclaimed wood +30%
HDPE (Recycled) +10% additives:
lubricants, natural fungicide
pigments, UV protectors.

Properties	Results	Test method
Density	1,33 g/m ³	ASTM D792-08
Modulus of elasticity	3.15 Gpa, UV and rain treatment: 3.13 Gpa	ASTM D1037-93
Bending capacity	≥ 2500 N	-
Flexural strength	≥ 20 Mpa	EN ISO 178
Breaking force	≥ 2500 N	UN EN 789
Tensile strength	25,5 Mpa	BS-6399
Charpy impact strength	8 KJ	ASTM D1037-93
Shore hardness	≥ 80 HRR	EN ISO 868
Screw holding capacity	≥ 1000 N	-
Thermal conductivity	0,21 W (m-K)	EN 12524
Impact toughness	17,2 KJ/m ²	ISO 179-1
Coefficient of linear expansion	3,8 x 10 ⁻⁵	ASTM D1037
Fire reaction classification	Euro Class Cfl-s2	UNE EN13501-1:200
Water absorption	(24h a 25°C) : ≥ 0,6%	ASTM D684
Oxidative induction time (OIT)	(Super) 70,0 min ≥ OIT ≥ 94,2 min	ASTM D3895-14
VICAT temperature	88,2°	EN ISO 306
Anti-slip resistance	Clase 3 Rd > 45	UNE-ENV 12633
UV resistance	With 4000h at XENON ARC, it lightens slightly	ISO 4892-2
Frost resistance	Resistant	DD CEN/TS 772-22:2006
Recyclabl	100%	-

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Range of finishes

**ROBLE LISO**

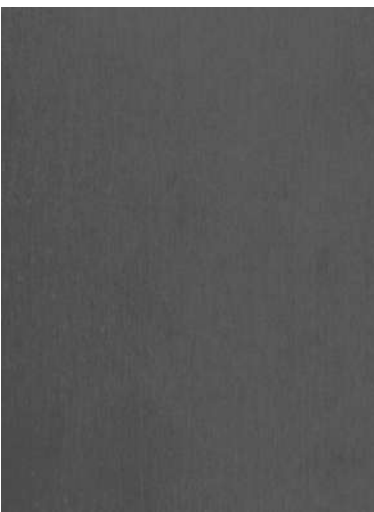
146 mm x 23 mm x 2200 mm

Reference: Roble Liso

**ROBLE RAYADO**

146 mm x 23 mm x 2200 mm

Reference: Roble Rayado

**CENIZA LISO**

146 mm x 23 mm x 2200 mm

Reference: Ceniza Liso

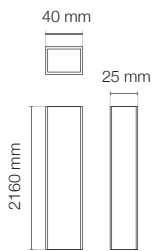
**CENIZA RAYADO**

146 mm x 23 mm x 2200 mm

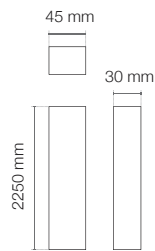
Reference: Ceniza Rayado



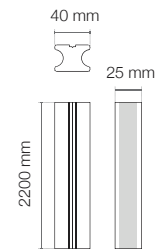
Accessories



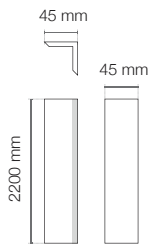
RAW ALUMINUM RASTREL
40 mm x 25 mm x 2160 mm
50 mm x 25 mm x 2160 mm
3,5 ml



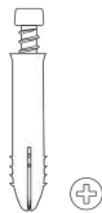
PINE RASTREL R4
45 mm x 30 mm x 2250 mm
3,5 ml



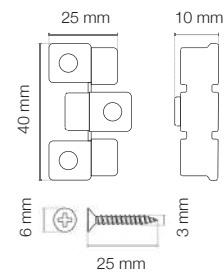
WPC RASTREL
40 mm x 25 mm x 2200 mm
3,5 ml



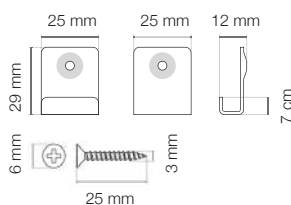
ANGLE
45 mm x 45 mm x 2200 mm



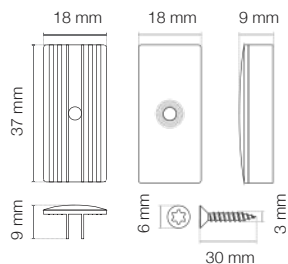
**SCREW AND
WEDGE PLUG**
M8 x 80
9 ud



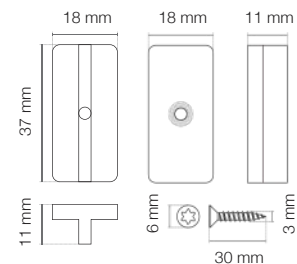
**STAINLESS STEEL
CLIP CONCEALED
FIXING**
24 sets



**STAINLESS STEEL
CLIP START**
3 ud/ml



**ALUMINUM CLIP
FOR VISIBLE
FIXING** 24 sets



**PLASTIC CLIP
FIXING VIEW**
24 sets



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.

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

The surface must be flat, stable and perfectly firm. To ensure proper drainage of water, a slight slope is necessary. In any case, the accumulation of stagnant water under the board must be avoided. The surface can be prepared using a layer of mortar or another firm floor such as slabs, tiles, brick, etc.

The orientation of the battens (always placed between 30 and 35 cm between them) must respect the drainage slopes of the supporting surface. Otherwise, the battens should be raised and leveled using leveling wedges, thus allowing natural drainage. Where the project requires it, it is also permitted to work with a batten made of another material such as treated wood or aluminum, galvanized iron, etc. (It is always necessary to pre-drill the battens in order to be able to screw the clips correctly.)

Remember to keep a minimum distance of 10 mm between the ends of the battens and any fixed element such as a wall, fence, etc. When joining two boards at the end, 2 battens must always be placed to serve as support for each of the boards. The boards can be delivered in different ways.

Start of flooring installation

Screw in the starter clip, but remember to pre-drill the batten. Make sure the clip is centered on the batten. Leave a minimum gap of 10 mm if you start the installation on a wall, partition or any vertical fixed element. Leave this same space next to doors and entrances to ensure proper water drainage.



Installation with plastic/aluminum clip

Once the first board has been laid, screw in the connecting clip. Screw the screws only halfway, DO NOT tighten them completely. The distance between the boards (\approx 6-8 mm depending on the clip) is marked by the clip itself and to ensure an even finish it is important that each clip fits well into the side slot of the board before screwing. Each board has to be fixed to each batten.

Place the second board in the correct position and screw in the next row of connecting clips on the other side of the second board. Do not tighten the screws completely. Finally, screw in the connecting clips of the first row completely. Repeat these steps for the following boards. This fixing system allows for normal expansion of the boards.

Installation with stainless steel clip

Once the first board has been laid, screw in the connecting clip. The distance between the boards (\approx 3-5 mm depending on the clip) is marked by the clip itself and to ensure a uniform finish it is important that each clip fits well into the side slot of the board. Never hit the clip against the board to avoid damage, always insert the clip manually and then screw it onto the batten. Each board must be fixed to each batten. This fixing system allows for normal expansion of the boards.

How to replace a board with a plastic/aluminum clamp

Remove the screws from the clamps on both sides of the board to be replaced and remove the board. Position the new board. Insert a clamp on both sides of the board for each batten. It is sometimes necessary to slightly loosen the adjacent boards so that the clamps can be placed correctly. Finally, screw all the clamps to their corresponding batten.

Distances between heads

Particular attention must be paid to butt joints between boards, as the spacing between them varies depending on the temperature of the board at the time of installation. Example: for 2m boards installed with an ambient temperature of 10°C and a maximum possible temperature of 40°C, a spacing of 7 mm must be foreseen between butts.

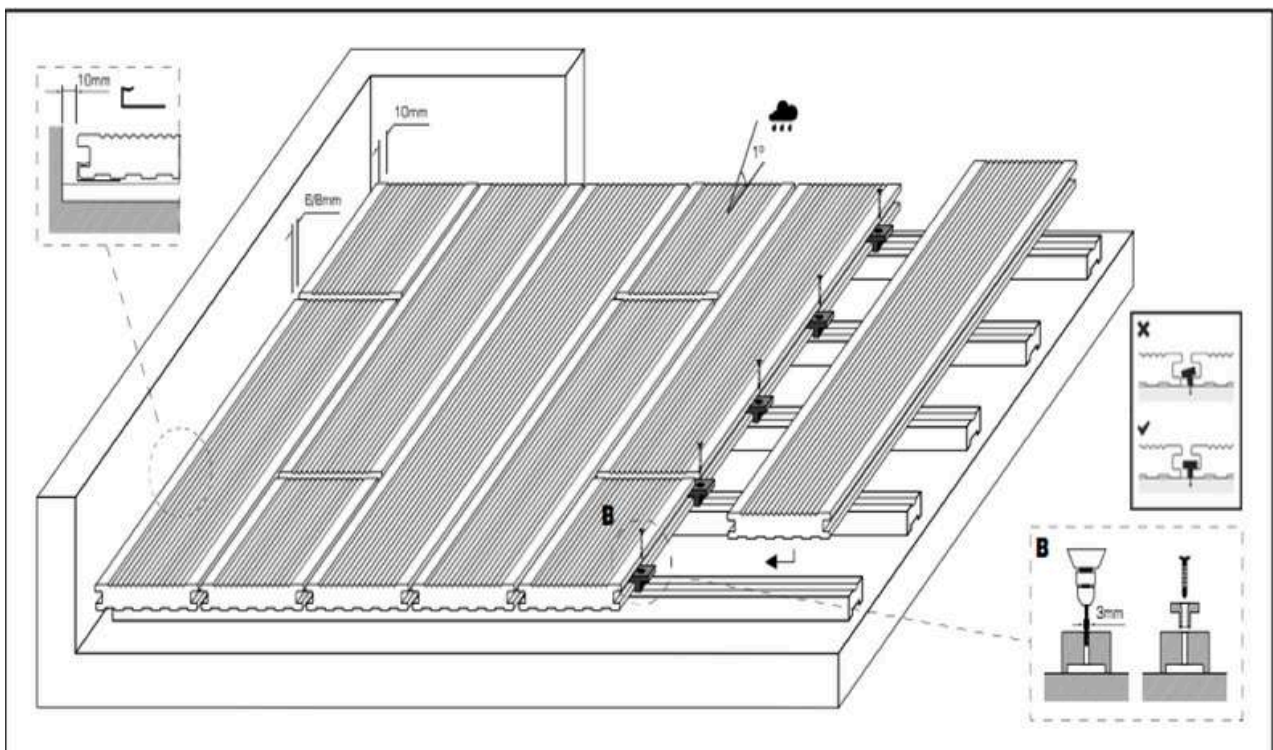
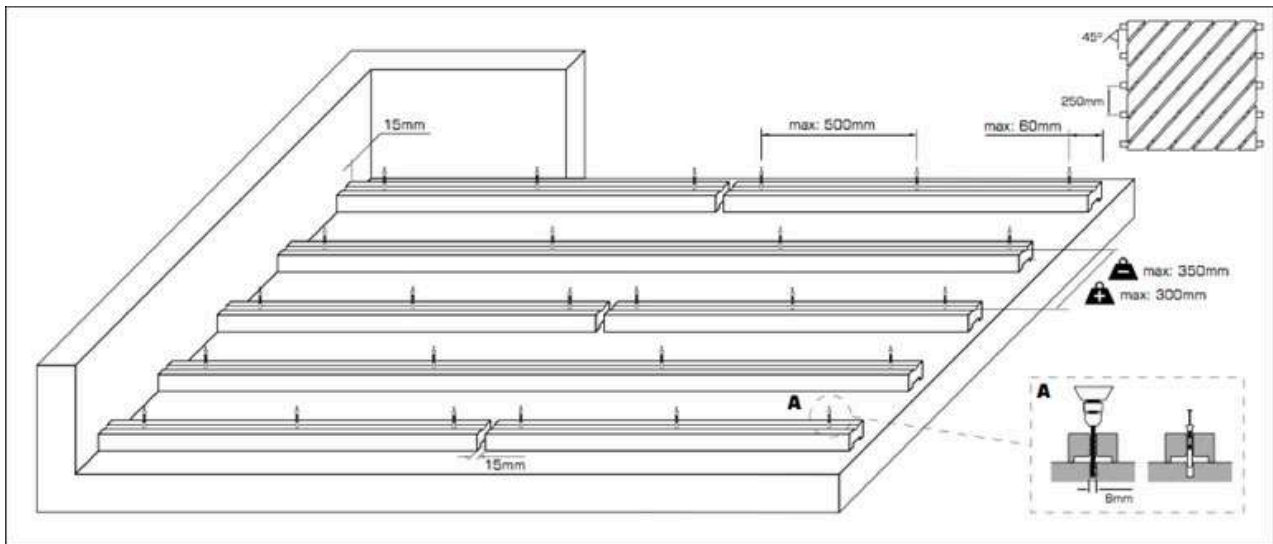
The last table

Cut the last board to the required length and attach it to the battens using an elastic adhesive putty. It can also be screwed directly onto the batten. Don't forget to pre-drill the board and the batten.



Assembly sketch

Follow the same steps to install the entire deck (see figure below).



Distance between boards with plastic clip: 6 mm

Distance between boards with stainless steel clip: 3 mm

TECHNICAL SPECIFICATIONS



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