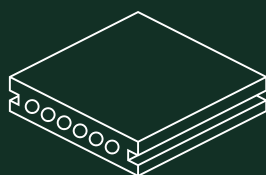


Paviproof Decking

Synthetic outdoor
technological flooring

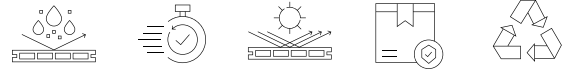


TECHNICAL SPECIFICATIONS

 Pavimentus



Product Description



Synthetic outdoor technological flooring

Unlike natural wood, synthetic or technological wood has a longer lifespan, which is why it is a good alternative to other coverings.

Paviproof encapsulated flooring has an exterior coating on its entire surface (4 sides), which provides 100% protection against the most common stains. This plastic protection also makes it a material resistant to scratches, discoloration, water and humidity, thus preventing it from penetrating the piece and deteriorating it over time.

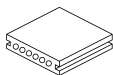
Classified as a Class 3 product (non-slip), Paviproof technological flooring has optimal outdoor performance and is ideal for installation in spaces such as shopping centers, swimming pools, restaurants, gardens, hotels

Paviproof technological flooring has a very elegant aesthetic and a finish simulating natural wood that is very well achieved. It offers two possible finishes in a single piece: Smooth finish and wood effect finish, and can be installed on the side you like best and also choosing between the four colors we have available.

Easy to clean and unlike natural wood, Paviproof flooring does not require any specific care, making it the flooring with the lowest maintenance requirements on the market. This allows you to save money on maintenance, as it does not need paint or varnish to be preserved. Paviproof does not rot, splinter, deform or crack. It is also not affected by fungal, insect or termite infestations, as its PVC and plastic components prevent this.



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
Formaldehyde content	Not detected	ASTM D6007-14
Bending capacity	Maximum load: Average: 3771N Min.:3622N	EN15534
Heavy metal content	Sb:ND, As:ND, Se:ND, Sn:ND	EPA3051
Heat accumulation	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
Resistencia antideslizamiento	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



Range of finishes



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



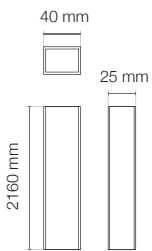
ANTIQUE LISO
138 mm x 23 mm x 2200 mm
Reference: Antique Liso



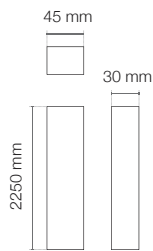
ANTIQUE MADERA
138 mm x 23 mm x 2200 mm
Reference: Antique Madera



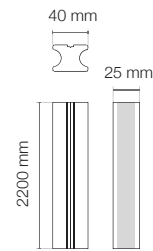
Accessories



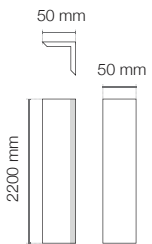
RAW ALUMINUM RASTREL
40 mm x 25 mm x 2160 cm
50 mm x 25 mm x 2160 cm
3,5 ml



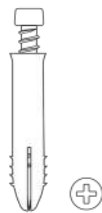
PINE RASTREL R4
45 mm x 30 mm x 2250 mm
3,5 ml



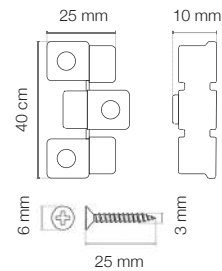
WPC RASTREL
40 mm x 25 mm x 2200 mm
3,5 ml



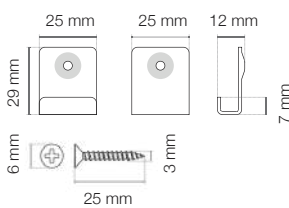
ANGLE
50 cm x 50 cm x 2200 cm



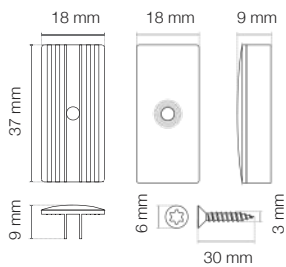
SCREW AND WEDGE
PLUG M8 x 80
9 ud



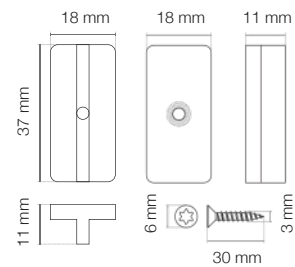
STAINLESS STEEL
CLIP CONCEALED
FIXING 24 sets



STAINLESS STEEL
START CLIP
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.

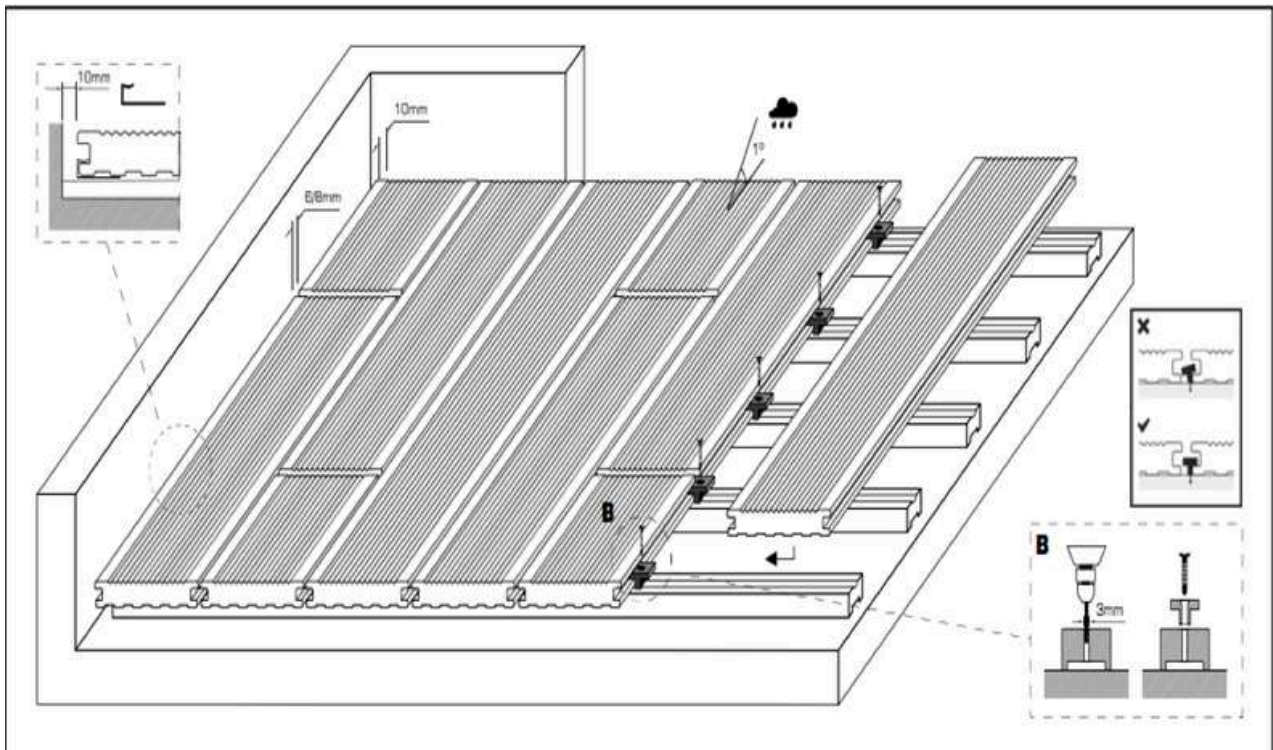
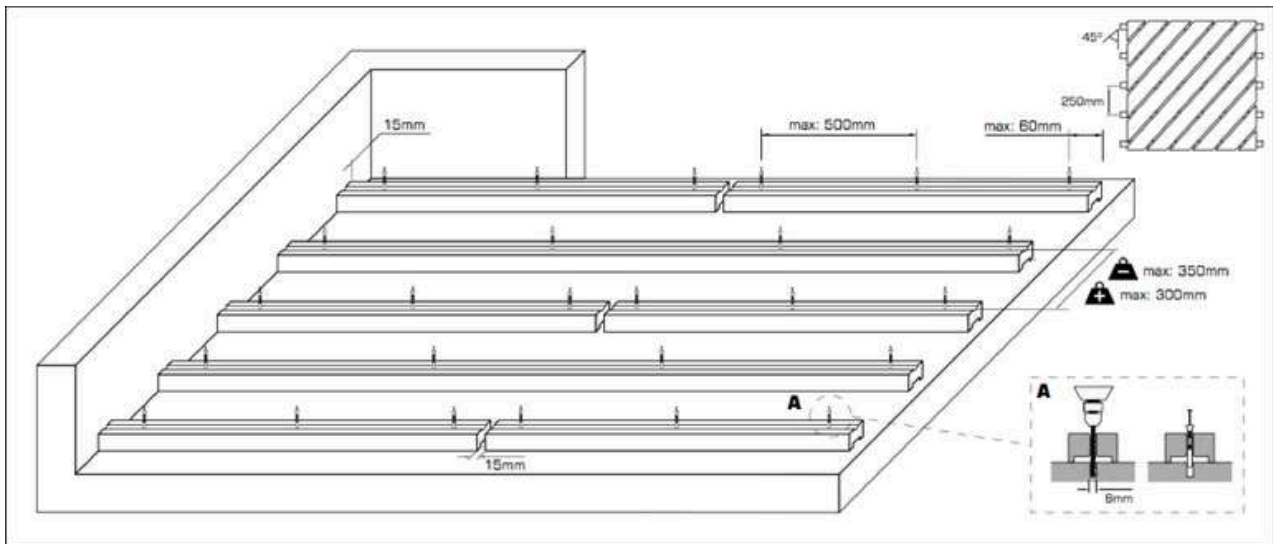
The last table

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.



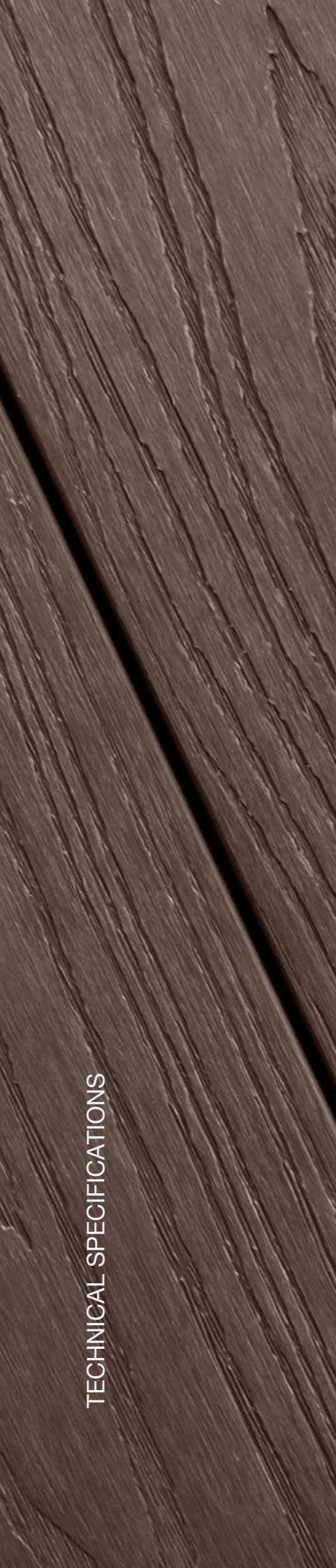
Assembly sketch

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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