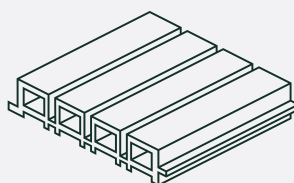


# Duowall Facade

SYNTHETIC TECHNOLOGICAL  
EXTERIOR FACADE CLADDING

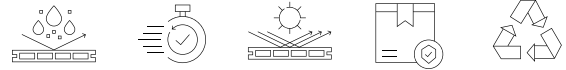


TECHNICAL SPECIFICATIONS

 Pavimentus



# Product Description



Synthetic technological exterior facade cladding

Its maximum durability and high resistance make it the best option for cladding exterior facades. Unlike natural wood, the Duowall encapsulated façade, made of technological wood, does not crack, deform over time or rot, thus having a long useful life, being totally resistant to the elements.

Another advantage of Duowall encapsulated façades is that they are not affected by fungal, insect or termite infestations, since their 360° HDPE coating prevents this.

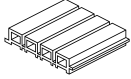
They are also characterized by being a material with little lateral expansion and help with acoustic insulation.

Its simple and safe installation is lighter than other types of façades. The pieces are placed using a clip system, achieving a uniform and impeccable aesthetic appearance, without visible screws. It requires few accessories for its correct assembly and requires little investment of time to complete its installation.

Duowall offers a natural and warm aesthetic and is characterized by its elegance, presenting the texture of natural wood. Furthermore, it does not require any extra treatment such as varnishes and paints to be preserved, thus allowing savings in maintenance.



# Technical details



219 mm x 28 mm x 2900 mm  
1,6 slats/m<sup>2</sup>

## Composition :

30% recycled HDPE, 60% wood dust and 10% additive material: lubricants, natural pigments, fungicides, UV protectors.

Propiedades	Results	Test method
Density	1,3 g/m <sup>3</sup>	ASTM D792-13
Modulus of elasticity	83 MPa	EN15534
Bending capacity	41.6×10 <sup>-6</sup> K-1	EN15534
Flexural strength	1 Swelling: 0.89% in thickness, 0.07% in width, 0.07% in length. 2 Water absorption: 1.09%	EN15534
Breaking force	Average Bond Strength>1.78MPa No obvious abrasion and damage after test	EN319
Tensile strength	Not detected	ASTM D6007-14
Charpy impact strength	Sb:ND, As:ND, Se:ND, Sn:ND	EPA3051
Shore hardness	Not detected	EUNo.628/2015
Screw holding capacity	Rating 0, no growth	EN15534
Thermal conductivity	Pb:ND, Cd:ND, Hg:ND, Cr6+:ND	RoHs-IEC62321



# Range of finishes



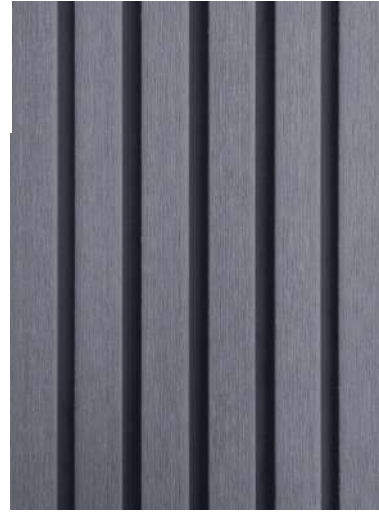
**IPE**  
219 mm x 28 mm x 2900 mm  
Reference: Ipe



**TEKA**  
219 mm x 28 mm x 2900 mm  
Reference: Teka



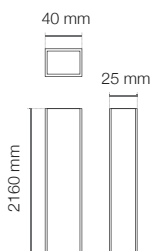
**ANTIQUÉ**  
219 mm x 28 mm x 2900 mm  
Reference: Ceniza



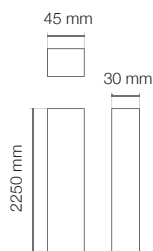
**GENIZA**  
219 mm x 28 mm x 2900 mm  
Reference: Antique



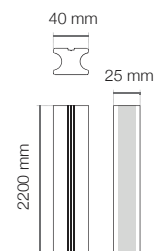
# Accessories



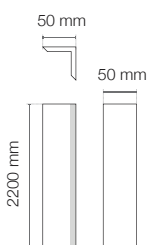
**RAW ALUMINUM RASTREL**  
40 mm x 25 mm x 2160 mm  
50 mm x 25 mm x 2160 mm  
3,5 ml



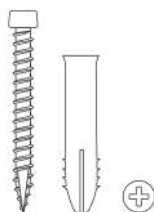
**PINE R4 RASTREL**  
45 mm x 30 mm x 2250 mm  
3,5 ml



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



**ANGLE**  
50 mm x 50 mm x 2200 mm



**SCREW AND  
WEDGE PLUG**  
M8 x 80  
9 ud x m2



**SCREW**  
3,5 x 32  
20 ud x m2



# 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 flat on a smooth, flat surface and out of direct sunlight. 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) should be worn at all times when installing a synthetic technological facade. We recommend wearing gloves, protective glasses and a dust mask.



## Wall installation

### 1 WOOD/WPC RASTRELS

They are used as a structure to screw the Duowall slats onto.

They are fixed to the wall with impact anchors at a distance of 35 cm between axes.

### 2 LEVELING WEDGE

It is used to support and plumb the battens.

They are fixed with polyurethane glue approximately every 50 cm, under the batten.

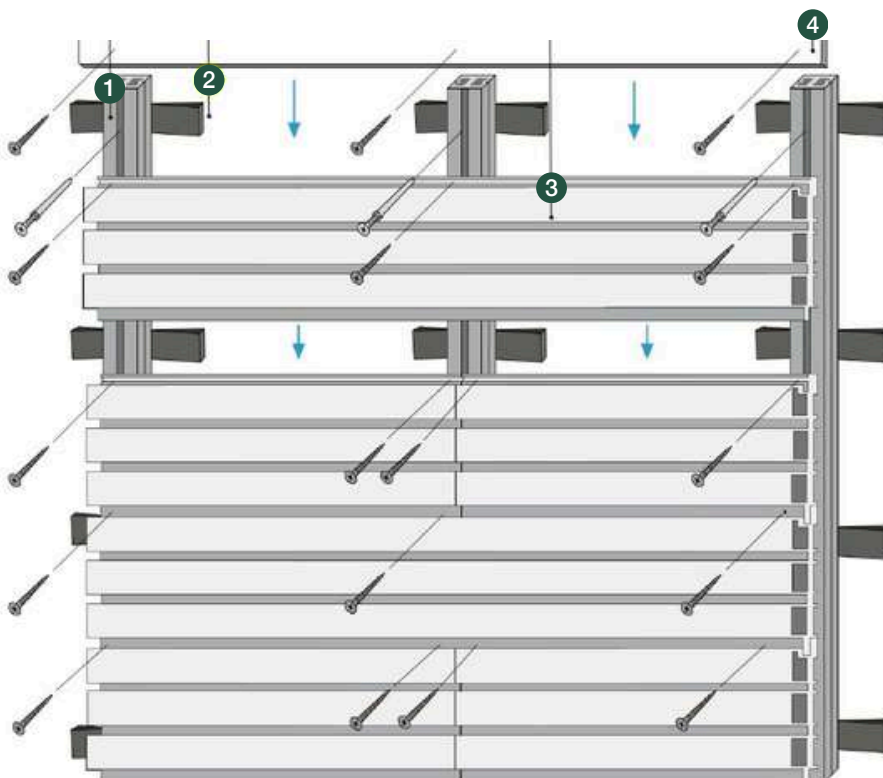
### 3 DUOWALL SLAT

They are fixed to the battens using screws, one on top of the other. Once assembled, the screws are completely hidden. It is recommended to stagger the slats.

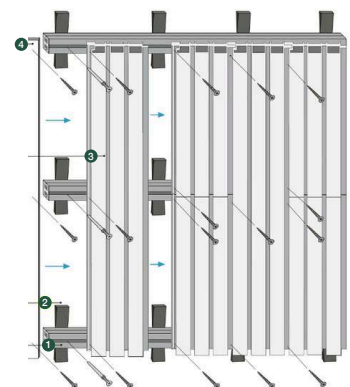
### 4 DUOWALL AUCTIONS

It is fixed with screws to the top and sides or corners once the slats have been fixed.

It is recommended to countersink the drill so that the screws are inserted into the piece.



\* Installation can be horizontal or vertical.





TECHNICAL SPECIFICATIONS



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Mail

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