

XARXA is a two-layer outdoor paver manufactured by vibro-pressing, it allows different aggregations with different percentages of rainwater percolation.

Vibropressed two-layer concrete |  22 cm |  4,9 kg

 Update 10.07.2024



## ORIGIN

Cobblestone was born to pave the seafront of Palma de Mallorca, an emblematic artery of the city, which becomes more accessible and sustainable.

## DESIGN

Two-layer paver for high resistance exterior use, can be added in compositions with open joints, direction and diverse compositions. It facilitates the creation of gradual grids, adapting to the needs of water absorption and allowing the combination with grass or sand.

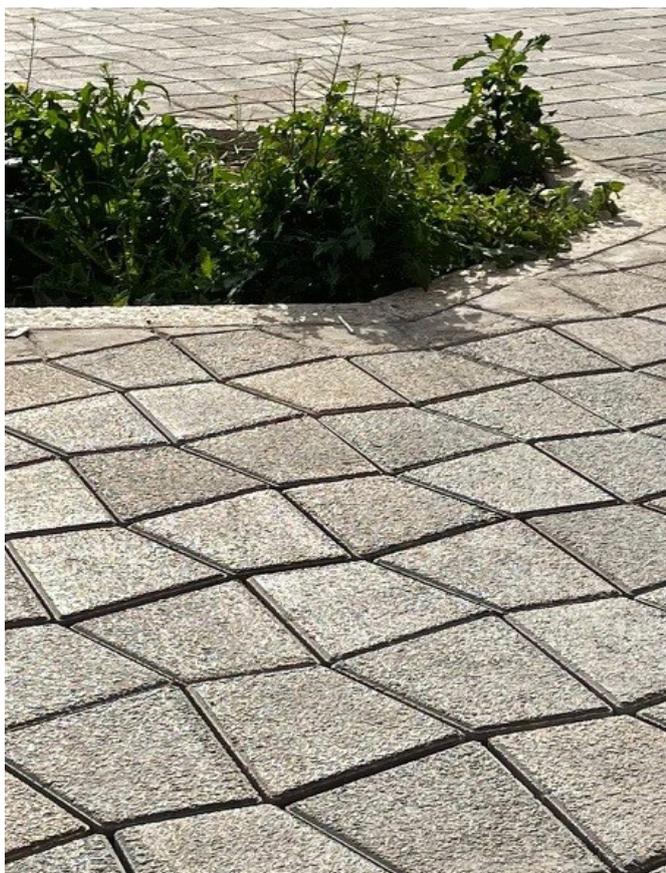
The unique format, with two right-angled sides measuring 19x16 cm and 10 cm thick, generates irregular angles that ensure excellent mechanical behavior and load distribution, suitable for pedestrian areas with occasional traffic.

## MATERIAL

Manufactured by vibro-pressing, with a composition of cement, granitic and siliceous aggregates. It incorporates recycled aggregates, being completely recyclable. Mix colors stable to UVA rays and non-slip texture with a stone appearance. It is installed on a bed of sand.

## FACILITY

The pavers are 10 centimeters thick, placed on a leveled bed of sand of 4 to 6 centimeters, which in turn extends on a background of previously compacted and leveled earth with a minimum thickness of 20 cm or concrete (H -200) 15 cm thick. Fine sand for filling and confinement.



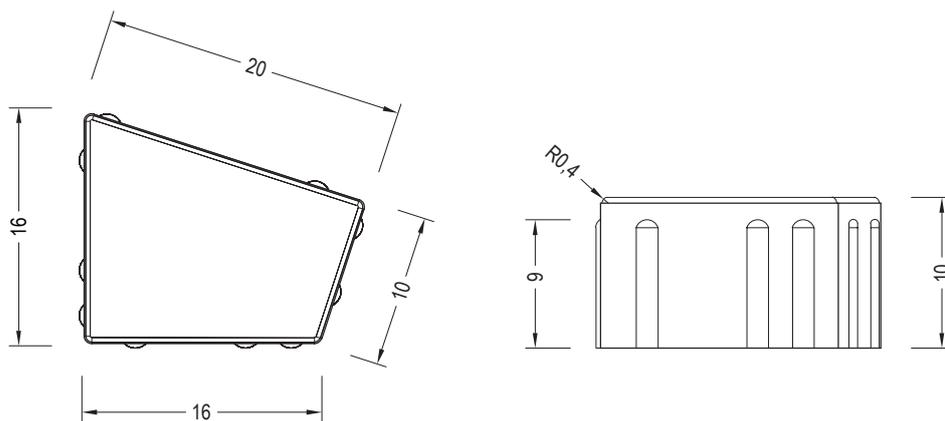
# 1. Pavement

<b>Xarxa</b>	<b>Concrete</b>		
<b>Dimensions</b>	19 x 16 x 10 cm		
<b>Weight</b>	4,9 kg		
<b>1.1 General features</b>			
<b>Material</b>	Two-layer concrete vibropressing	<b>Placement</b>	On sand bed
<b>Finish</b>	Out of mold	<b>Normative</b>	UNE-EN 1339/2004
<b>Colours</b>			
	<b>BG.</b> Beige	<b>BL.</b> Black	<b>RA.</b> Red



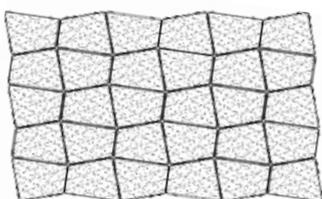
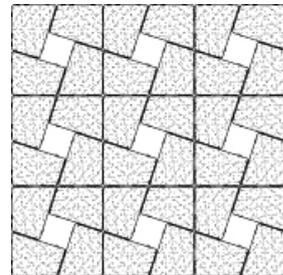
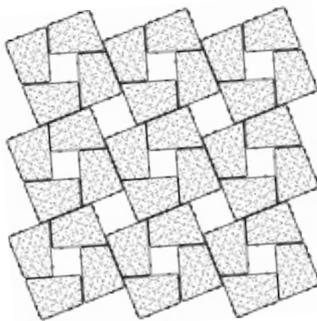
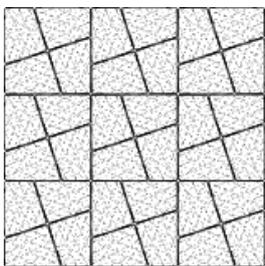
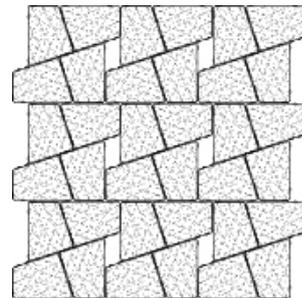
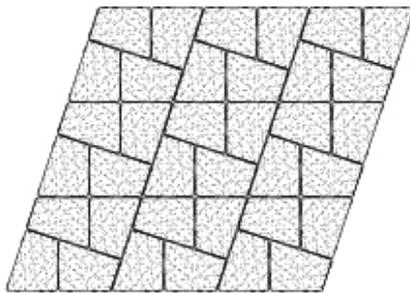
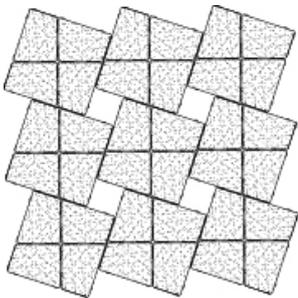
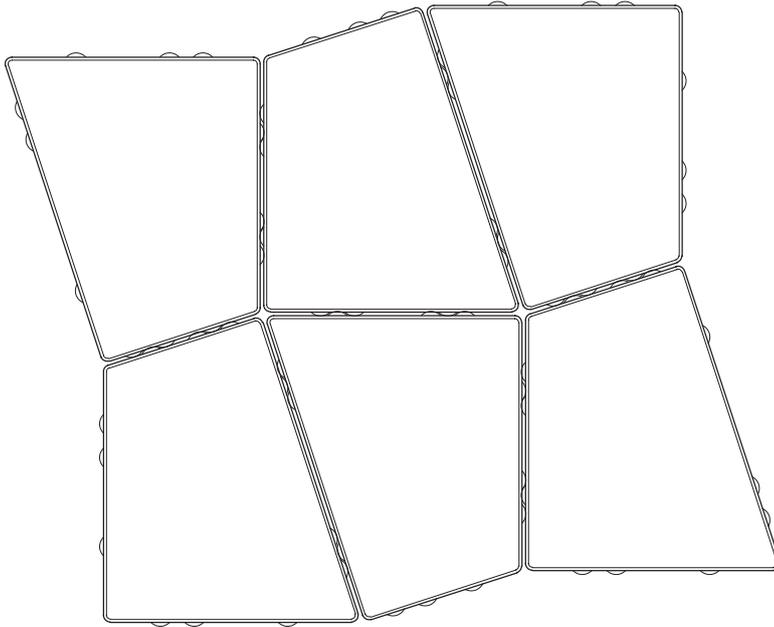
## 1.2 Geometry

### Concrete vibropressing

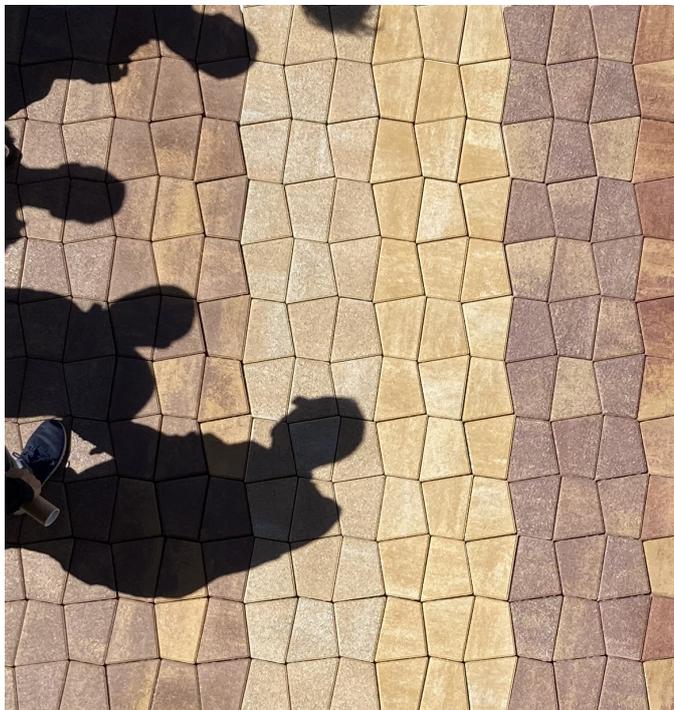


## 1.3 Physical Properties

PROPERTIES		CLASS DEMANDING	Bilayer Fingerprint
<b>Thickness</b>		Class 3 Marked R $\pm 2\text{mm}$	10 cm
<b>Tolerances</b>		Class 3 Marked R $\pm 1\text{mm}$	$\pm 2\text{ mm}$
<b>Endurance to flexion</b>		Class 3 Marked U < 5MPA	+5MPA
<b>Absorption of water</b>		Class 2 Marked B < 6%	5%
<b>Endurance to the ice</b>		Class 3 Marked D < 1,0Kg/m2	< 1,0Kg/m2
<b>Endurance to wear</b>		Class 4 Marked 1 < 20mm	$\pm 18\text{ mm}$
<b>Burden of breakage</b>		Not required	8 kN (814 kg)
<b>Resistance to glide</b>		Class 3 Rd > 45	Rd > 65
<b>Category traffic</b>		Not required	Pedestrian/Traffic
<b>Detonated</b>		Not required	Low
<b>Treatment photocatalytic</b>		Not required	Optional



[...] gradual grids, adapting to the needs of water absorption and allowing the combination with grass or sand.



## Warranty

5 years on all its components.

The names, trade marks and industrial models of the products have been deposited in the corresponding registries. The technical information provided by Escofet about its products may be modified without prior notice.

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