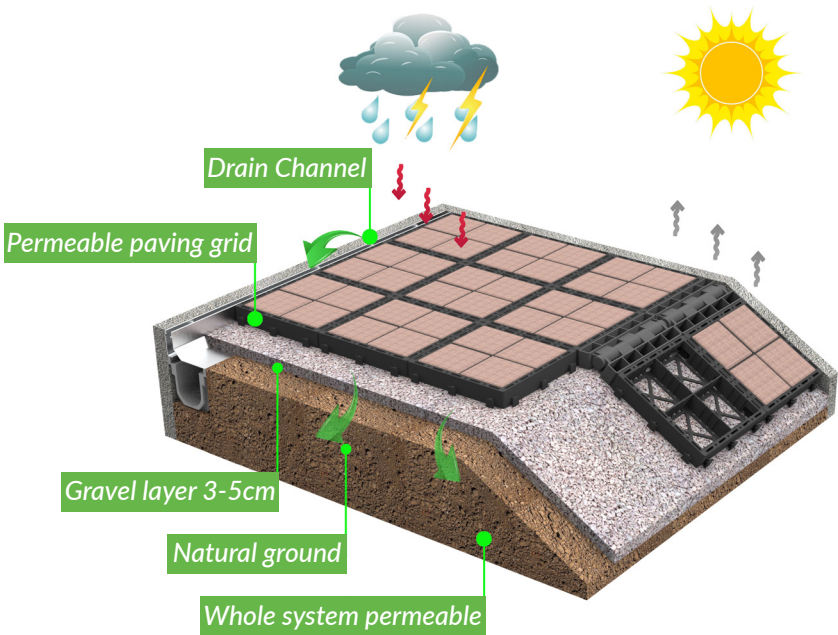




## Moonbay permeable paving grid



# MoonBay Profilei

Particularly in metropolitan and industrial areas, because the ground is paved or compacted it is less able to fulfill its natural functions. On one hand the ground loses the natural ability to store or “buffer” rain water which can lead to very quickly over-burdening storm water infrastructure leading to flooding, and on the other hand the air cannot be cooled and humidified by the natural ground “perspiring”, contributing to the well-known “Heat Island Effect”. To counteract this trend and to help to prevent the negative effects of traditional sealed paving, more and more municipalities, architects and civil engineers are designing permeable and vegetated paving systems - a wise and affordable investment.

Using the Moonbay permeable paving grid system, in comparison to sealed surfaces, saves costly storm water retention ponds and other drainage and infrastructure systems.

The installation is quick and simple without the use of expensive mechanical equipment. The paved area is filled with gravel or vegetated and remains permeable.

Compared with heavy concrete pavers, Moonbay permeable paving grid system is easy and economical to transport and has ultra-high load bearing capacity (up to 800 t / m<sup>2</sup>). The 95% open surface is significantly more permeable and allows a much higher degree of infiltration. In contrast to the concrete pavers this permeable grid system does not absorb water, which prevents frost damage and increases the infiltration capacity.



**13000+**

13000 SQM area factory



**30+**

Innovative patents



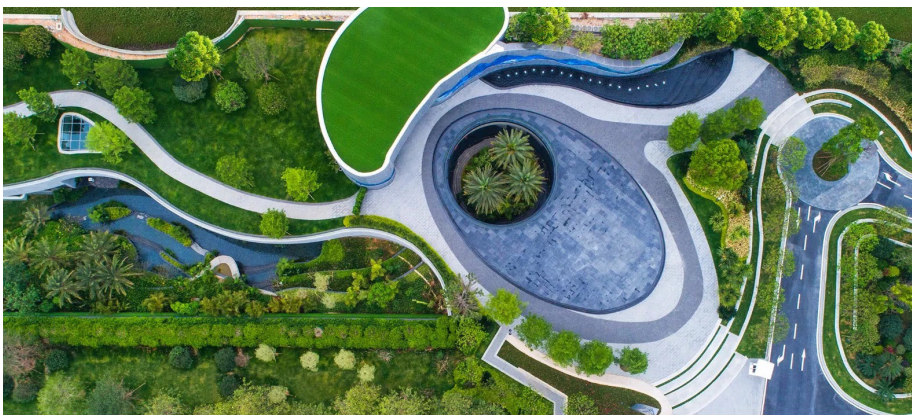
**60+**

Automatic production Line



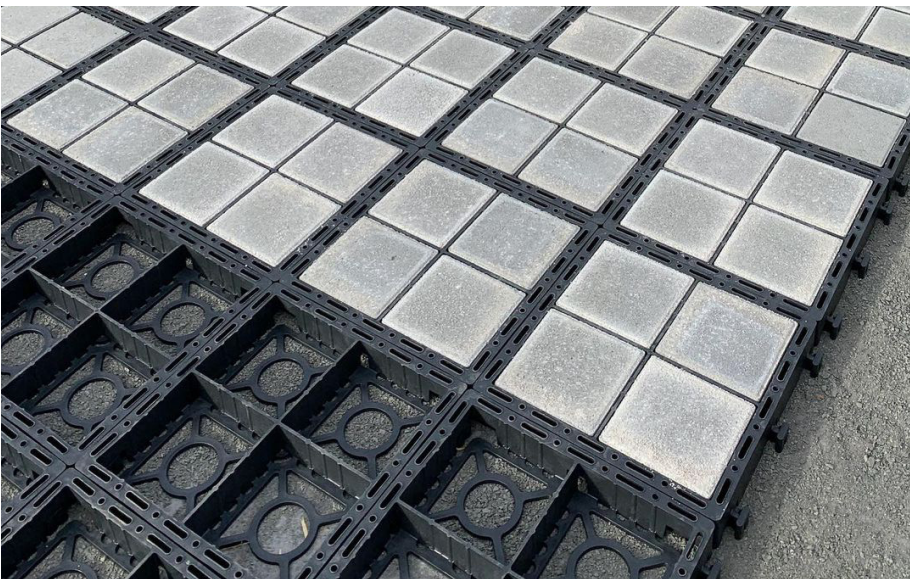
**30+**

Sales around the world



## Benefits

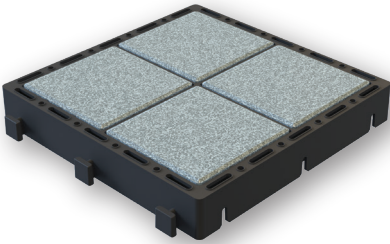
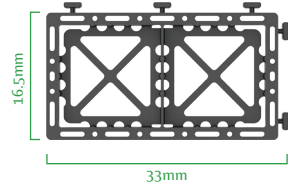
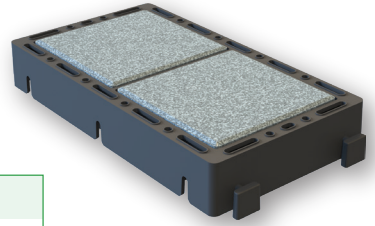
- 👍 Easy and quick installation (up to 100 m<sup>2</sup>/h per person)
- 👍 High resilience (up to 800 t/m<sup>2</sup>)
- 👍 Low maintenance
- 👍 Installation without heavy construction equipment
- 👍 No edging needed
- 👍 Permeable ground reinforcement
- 👍 Low transport and handling costs
- 👍 Versatile applicable, accessories available
- 👍 Weatherproof and unbreakable
- 👍 Safety interlocking, 36 notches per m<sup>2</sup>
- 👍 UV-resistant and frost proof
- 👍 Immediately green area
- 👍 20 years warranty



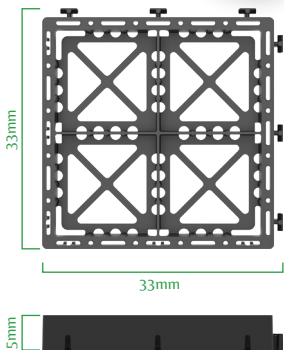
# Specifications

## 1/2 Permeable paving grid

Type	Moonbay
Dimensions	33cm x 16.5cm x 5cm
Weight/m <sup>2</sup>	appro..85kg
Dimensional stability	-50 C / 90 C
Block dimensions	140x140x50mm (pieces)
Available colors	grey,white,red,dark grey
Special	rubber inserts available



## Permeable paving grid

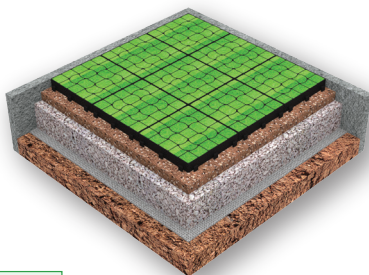


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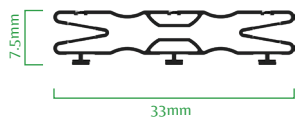
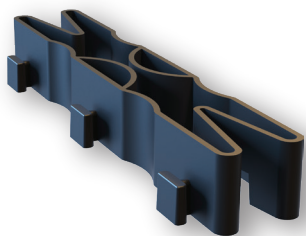
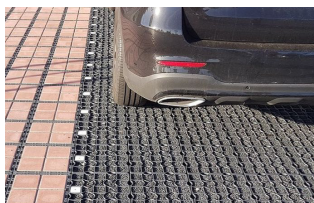
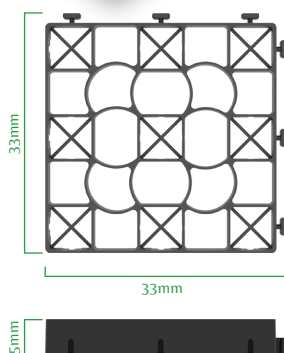


# Specifications

## Permeable landscape grid

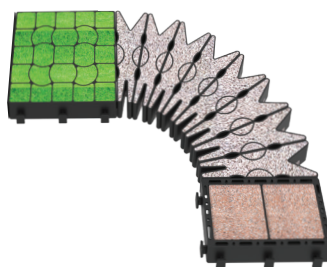


Type	Moonbay
Dimensions	33cm x 33cm x 5cm
Dimensional stability	-50 C / 90 C
Filling	Fill with gravel-glue-mix, screed redundant material
Available colors	grey,white,red,dark grey



## Turn accessory

Type	Moonbay
Dimensions	33cm x 7.5cm x 5cm
Dimensional stability	-50 C / 90 C
Filling	Fill with gravel-glue-mix, screed redundant material
Available colors	grey,white,red,dark grey



## Click interlocking connection

1



2

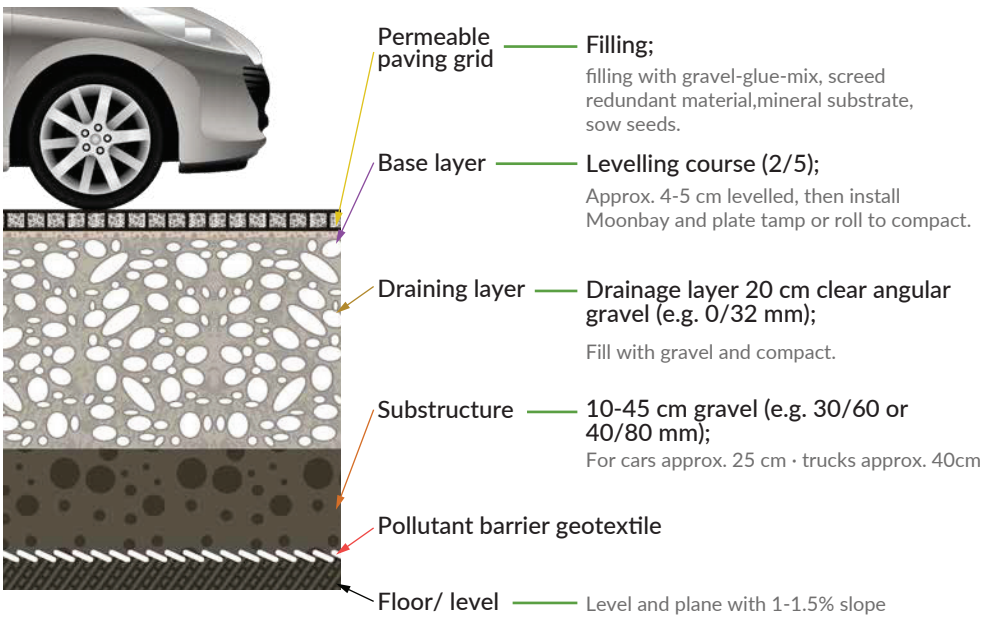
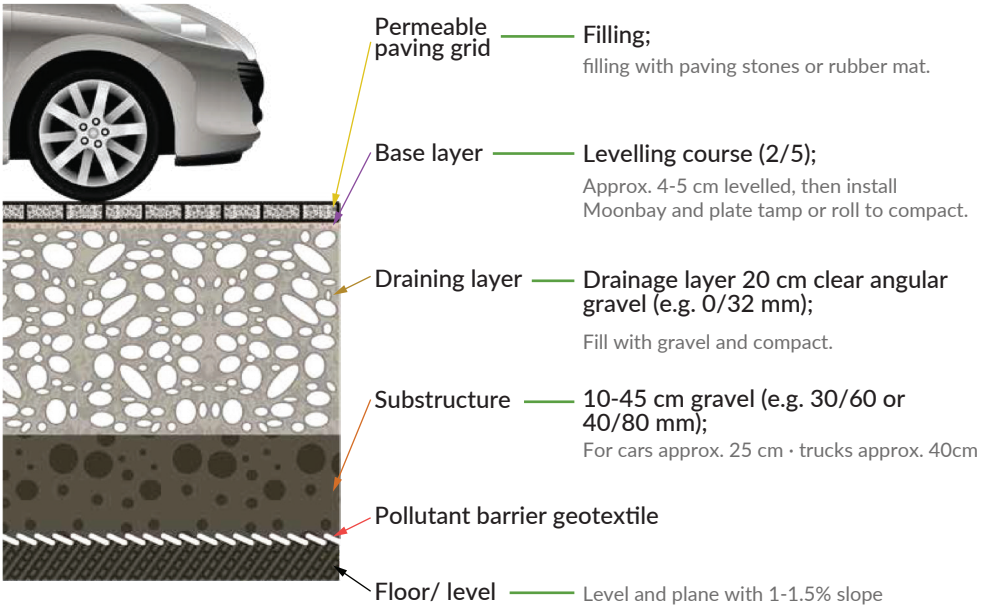


Moonbay permeable paving grid system can be installed quickly and easily without heavy construction equipment. One pack is equal to 1.33 m<sup>2</sup> and consists of 12 single pieces (4x3).

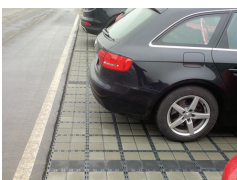
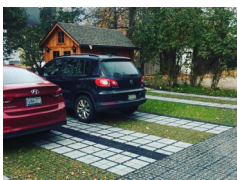
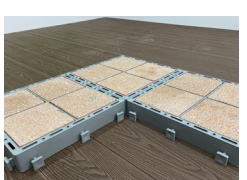
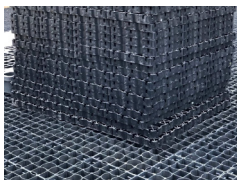
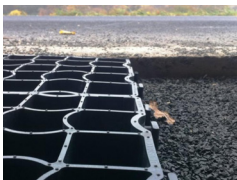
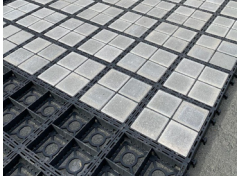
The weight of each pack is low and the click interlocking works quickly and easily.



# Click interlocking connection



# Project case





# Company strength



Hangzhou Moonbay Industrial Co., Ltd.  
Professional green eco-friendly construction material manufacturer  
Excellent and experienced teams of  
develop, design, manufacture, sales and service  
Pursue the management tenet of "offering the top quality  
product to bring the most value for our clients "  
Hot selling in Europe, Australia, America, Asia etc  
ISO9001: 2008 Certificate  
ISO14001: 2004 Certificate  
OHSAS18001: 2007 Certificate  
ASTM Anti-Fire Test  
ASTM Anti-UV Aging Test  
ASTM Loading Test  
ASTM Material Test  
CE Certificate  
RoHS REPORT-SGS



Profession



Honesty



Innovation

Hangzhou Moonbay Industrial Co., Ltd

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Web: [www.moonbayjack.com](http://www.moonbayjack.com)

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