

NAYLOR
ENVIRONMENTAL

Naylor**PAVE**
System



Natural stone
finished porous
paving tiles with
integrated geobase
for pedestrian
or vehicular use

- Strong
- Lightweight
- Versatile
- Cost effective
- Easy to install

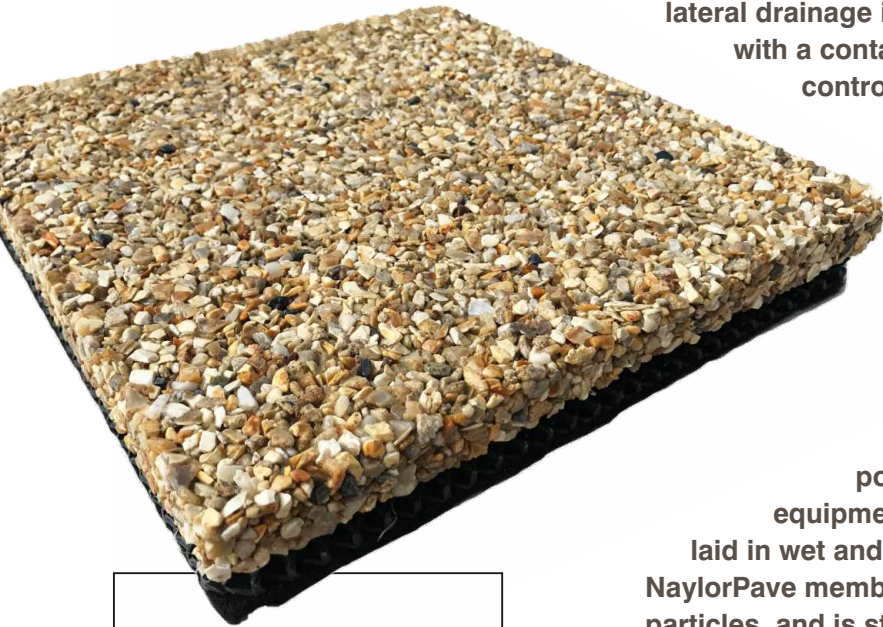
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BRITISH WATER
expertise worldwide

NaylorPave is the first unique full surface porous paver, manufactured in a controlled factory environment.

NaylorPave contains its own integrated patented* permeable geobase®, made from a tri-planer geonet, which provides lateral drainage in addition to the normal vertical drainage, with a contaminant filter which also facilitates weed control.



NaylorPave is hand finished with a surface layer of natural stone; the composite structure produces a tough, durable and flexible paving system. The NaylorPave system can easily be laid with its unique locating component that also aligns and maintains an even surface. It can be laid onto a strong, very durable treated porous NaylorPave membrane, with no special equipment or large machinery required, and can be laid in wet and low temperature conditions. The

NaylorPave membrane prevents upward migration of fine particles, and is strong enough to prevent the penetration of most weed roots.

The NaylorPave membrane and its own integrated base, reduces the need for a rigid base such as asphalt or concrete. As NaylorPave is only 4cm deep, the system can be laid directly onto any existing surface, such as block paving, crazy paving or concrete slabs, with a minimum of disturbance. It can also be laid over any stable surface with the use of the Naylor Enviroflow (45mm depth) and a grit layer providing a structural drainage layer whilst reducing the need for a compacted Type 3 sub-base. In many cases NaylorPave can be installed without the need for edging, and is also ideal for no-dig situations.

The surface of NaylorPave is manufactured using 100% natural stone, which is chosen for its aesthetic properties, as well as wear resistance so the paved surface looks good for longer. In common with most natural surfaces, the colour of natural stone surfaces will slightly change with light exposure and atmospheric conditions and resin bound surfaces are no different in this respect, but the paved surfacing will also "weather" and lighten slightly with time. For this reason, it's always advisable to purchase and install at one time.

Once installed, the NaylorPave surface is continuous and non-slip, this makes it ideally suited for driveways, walkways, patios, etc. and is perfectly suited for wheelchairs, pushchairs, golf buggies, vehicles and occasional small commercial traffic.



NaylorPave Standard Range

30cm x 30cm x 4cm porous tiles with a patented* integrated geobase® and natural aggregates to give a traditional gravel finish to a pedestrian or vehicular area. The units are fully SuDs compliant and allow water to freely drain through to the sub layer. The units have an integral recess to accept an alignment piece to ensure a smooth even finish to any decorative area.

NaylorPave Lite Range

NaylorPave Lite is an addition to the range, with all the features and suitability of NaylorPave, but is specially manufactured using recycled waste material, and has been designed for applications where the overall weight is an important consideration. Expanded recycled waste glass is embedded into the geobase and then NaylorPave Lite is hand finished with a surface layer of natural stone, the composite structure produces a tough, durable, flexible but lightweight paving system.

Available in four natural stone colours

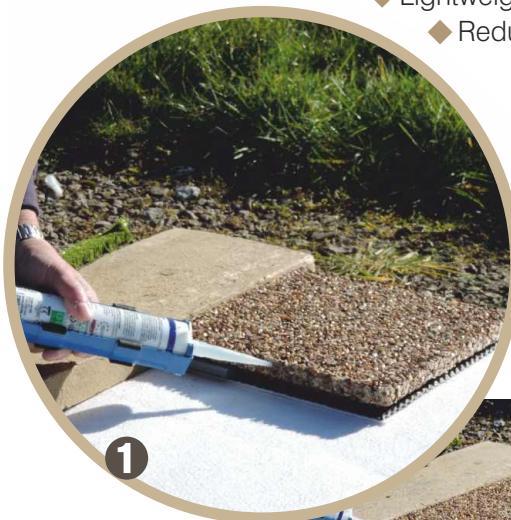


Standard Range features:

- ◆ Completely porous across the whole surface (unlike permeable paving)
- ◆ Fully SuDs compliant (Sustainable Urban Drainage Systems)
- ◆ Not affected by extremes of temperature
- ◆ Easily cleaned by mechanical sweeping or pressure washing
- ◆ Non slip and tough finish
- ◆ Lay in any weather conditions with no special or heavy equipment
- ◆ Cost effective with quality control for resin bound installation

Lite Range features:

- ◆ All the features of NaylorPave
- ◆ Recycled expanded waste glass content (50% by volume)
 - ◆ Lightweight for specific applications
 - ◆ Reduced transport costs



NaylorPave - Simple installation

- ① Units on suitable bed
- ② Naylor Seal applied to edge
- ③ Alignment pieces inserted
- ④ Finished surface
- ⑤ Alignment pieces (supplied)



*Patent Number GB2483690



Naylor PAVE

Standard - Ideal for:

- ◆ Driveways
- ◆ Paths
- ◆ Walkways
- ◆ Pedestrian routes
- ◆ Patios
- ◆ Parks
- ◆ Golf Courses
- ◆ Stately Homes
- ◆ Heritage sites
- ◆ Theme Parks
- ◆ Leisure Paving
- ◆ Hard Landscaping
- ◆ Pool Surrounds

Lite - Ideal for:

- ◆ Roof gardens
- ◆ Temporary porous non slip surfacing for outdoor events and exhibitions
- ◆ Non-slip surface for wooden walkways and decking
- ◆ Where the recycled content is important

NaylorPAVE



**A truly
porous surface
capable of passing
over 55,000 l/s/ha.
(permeable block paving
typically allows
1,800 l/s/ha)**

SuDs compliance and BREEAM credits

The UK Government has established a set of guidelines called the Sustainable Drainage Standards with the aim of ensuring that surfaces are designed and built to reduce flood risk and manage drainage in a way that is safe and responsible.

BREEAM is a detailed method used to assess sustainability of building materials and techniques. There are a potential five BREEAM credits available in connection with Naylor-Pave for its role in reducing pollution.

**Reducing Flood Risk:
1-2 credits**

**Surface Water Run off:
2 credits**

**Minimising water course pollution:
1 credit**

Technical Details:

Dimensions	30cm x 30cm x 4cm
Thickness	4cm
Unit weight	4.4kg (Lite 2.5kg)
Connection	Alignment piece (2/tile)
Quantity per m2	11.11/m2
Weight per m2	49kg (Lite 28kg)
Porosity	55,000 l/s/ha
Material	Resin Bound Aggregate
Colour (Standard)	One Natural Colour
Colour (Lite)	Four Natural Colours
Base Material	Structural Geobase
Pallet Quantity	240 Tiles (Lite 360 Tiles)
Pallet Dimensions	0.9m x 1.2m x 1.0m (Lite 1.5m)
Pallet Weight	1,056kg (Lite 920kg)
SuDs Compliant	Yes
Recycled Glass Content	50% (Lite)

Installation

Please ask for the separate NaylorPave installation guide that accompanies this document.

Distributed by:

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