

09.02.2026

Condition 11 – Driveway surfacing

There will be the following materials used for Driveway Surfacing:

- Eco Drain System
- Stone Paving
- Resin Bound Gravel
- Recycled slabs

The locations are all shown on the site plan drawings named Condition 11 – Driveway Surfacing.

The specifications are shown for each below:

Eco Drain System

The locations are as shown on the drawing and in place as an overflow for the driveway if there is significant run off from the already permeable surface of the driveway and will go into the existing rainwater system preventing water from the property affecting the road/neighbouring properties.

The model used and manufacturers specification (there will be multiple used in combination to reach the length desired:

ACO HexDrain Channel with Black Plastic Grating - 1m

ADHX19310

Channel body has clip together feature for fast on-site installation - Cutting guide to create half metre channels - Lightweight design for ease of handling and installation - Plastic grating - Choice of 8 vertical outlet positions to aid easy installation - Microgrip surface finish, increasing grip for pedestrians - Shallow invert with overall depth of only 80mm - Grating can be removed and replaced with A15 grating options

Product Description

Manufactured from recycled polypropylene, ACO HexDrain is suitable for domestic applications up to Load Class A 15 - Pedestrian, cycleways, minimally trafficked areas (light domestic vehicles only). The high quality ACO HexDrain channels clip together, allowing for quick and easy installation. With an 80mm depth the ACO HexDrain is also a great shallow channel for challenging domestic installations.

Features:

CE Marked and fully certified to load class A15 BS EN 1433:2002

Channel body has clip together feature for fast on-site installation

Cutting guide to create half metre channels

Lightweight design for ease of handling and installation

Plastic grating

Choice of 8 vertical outlet positions to aid easy installation

Microgrip surface finish, increasing grip for pedestrians

Shallow invert with overall depth of only 80mm

Grating can be removed and replaced with A15 grating options



**BONANZA
OFFERS**

Stone Paving

<https://www.pavingstore.co.uk/paving-store-riven-sandstone-primary-range-raj-green-setts>



200 x 100 - 40-60mm

Depth: Variable, 40-60mm

Coverage: 10.4m² Contents ⓘ

*FREE Standard Delivery: Usually
3-5 working days. Price incl. VAT



Paving Superstore Riven Sandstone 'Primary Range' Raj Green

SETTS

Sandstone Raj Green Riven Setts by Paving Superstore

All paving products sold by Paving Superstore are tested and conform to UKCA standards and hold a Declaration of Performance Certificate. This sets us aside from many other websites and guarantees you are buying a quality product designed to last. Let us tell you a bit more:

Leading Brand Paving from Paving Superstore Paving Sold through Many Other Websites

Yes	Tested for water absorption	No	Not tested
Yes	Tested for frost resistance	No	Not tested
Yes	Tested for compression limits	No	Not tested
Yes	Tested for slip resistance	No	Not tested
Yes	Tested for bending breakpoint	No	Not tested

It is a legal requirement

Strict EU regulations were introduced in 2013 to ensure all paving sold in the UK meets the minimum standards set out under European standards EN1341 (flagstones), EN1342 (setts) and EN1343 (kerbs), however MOST companies selling paving online DO NOT adhere to these legal requirements as it is not heavily policed by Trading Standards. ALL paving products sold by Paving Superstore are manufactured by leading brands and DO meet these standards. All products are CE marked / UKCA / UKAS accredited. UKAS is the National Accreditation body for the United Kingdom appointed by the government to ensure products meet the high standards needed to attain certification. All products also hold a valid Declaration of Performance certificate which details the tests and results for each of the necessary criteria which guarantees you that the products we sell are fit for purpose.

Water Absorption (BS EN 13755)

Test Process

The water absorption test measures the amount of water a stone can hold when fully saturated. This is expressed as a percentage of the total weight. So, a result of 1% means that when fully saturated, 1% of a stone's weight will be water. As a guide, paving such as porcelain is usually less than 0.5% porosity, granite is around 0.5%, sandstone and limestone are in the region of 1-3% and concrete, 6%

Why is this important?

This is an indicator to how quickly stains will soak in and how quickly a stone will look dirty. The lower the number, the better it will deal with staining. Obviously other factors such as colour and texture will also play a part in the likelihood of staining. High levels of water absorption are also associated with increased algae growth which is known to be a problem with poor quality stone as this is often more porous as a result of it being an inferior standard.

Frost Resistance (BS EN 12371)

Test Process

Frost resistance testing is called the Freeze/ Thaw test and is conducted by repeatedly freezing the paving to -40 Fahrenheit and then thawing it, before repeating the cycle again. During this process the paving will lose some of its flexibility and the key to good quality paving is that it does not lose a high level of resilience during the test cycle. Losses in Mpa should not exceed 5 Mpa

Why is this important?

with very low temperatures. Paving which is overly porous will crack in frost and it is essential that paving is tested to the above standard to be sure it can cope in all weathers.

Bending Breakpoint (BS EN 12372)

Test Process

The 'flexural strength' test shows how much bending a paving unit can be put under before it breaks. This is an important test measurement for paving, but not really for setts or blocks as they are not large enough to bend. The test data is normally expressed in mega pascals (Mpa) with higher numbers being better. A typical measurement with sandstone is over 13 Mpa, concrete 5 Mpa and porcelain is often over 40 Mpa

Why is this important?

The flexural strength is important as it ensures the paving is not overly brittle which would cause difficulties when handling and laying.

Compression Limits (BS EN 1926)

Test Process

The 'compressive strength' test shows how much a stone can be squashed before it breaks. This is most important for setts and blocks as these are often used on driveways. It's expressed in mega pascals (Mpa) with higher numbers being better.

Why is this important?

The compressive strength rating is important when deciding on stone suitable for a driveway or commercial setting where excessive weight will be applied to the paving. Paving that does not pass the required standard will not support any excessive loading.

Slip Resistance (BS EN 14231)

Test Process

Slip resistance testing is a complex and varied area however the two main tests for domestic paving are either the pendulum test (PTV) or the ramp test (R rating). With the pendulum test, a pendulum is swung over the surface of the stone which will slow it down. The rougher the surface, the more it will slow the pendulum and the higher the value (PTV). It is tested both wet and dry. The lowest permitted value for external use when wet is 36.

The ramp test (R rating) is often used for porcelain paving and this is conducted using a ramp which is gradually raised. Oil is applied to the ramp and a test person walks onto the ramp wearing boots. The measurement is taken from the point at which they slip. R11 is the rating usually applied to porcelain paving and this is equivalent to the value of 34 to 51 in the PTV test data (pendulum test value).

Why is this important?

Ensuring paving has good slip resistant qualities is important for outdoor usage, especially when used by children or elderly people. There is no point installing stone that does not meet the specified criteria for outdoor surfaces as it will be dangerous and not at all suited to purpose.

The following table shows the slip test data ratings for both test types and the recommended usage for paving conforming to each result.

R Rating	Suitable for
R9	Only for use indoors in areas where the floor is never wet
R10	Typically for use indoors including areas that occasionally become wet, such as kitchens
R11	Ideal for outdoor use including around swimming pools, internally in bathrooms, wet rooms
R12	Ideal for outdoor use including around swimming pools, internally in bathrooms, wet rooms

PTV Rating Slip potential

0 to 24 High slip potential

25 to 35 Moderate slip potential

Above 36 Low slip potential

Ethical Trading

Further to stringent test procedures, all paving sold through Paving Superstore is ethically sourced with all manufacturers belonging to the Ethical Trading Initiative or alternative schemes. This promises that:

employment is freely chosen

child labour will not be used

discrimination shall not be practised

living wages are paid

employees are treated respectfully and fairly

safe and hygienic working conditions are provided

working hours are not excessive

Please ensure you only buy ethically sourced natural stone

Product Description

This Paving Superstore natural cobble sett in sandstone enhances paths or driveways with quality and character. Each cobble is hand-cut for an attractive, rustic finish, perfect for traditional garden designs.

Raj Green sandstone boasts shades of beige, brown, and khaki, along with cool neutral tones and occasional pinks, which become more vivid when wet.

Brand Information

Specialising in the supply of natural stone paving and facilitating the use of stone throughout the landscape and construction industries for 30 years, and now also offering many more products for garden and landscaping. Paving Superstore products are sourced directly from the best producers in the UK and overseas. Much of our paving is used in commercial settings such as town centres, public parks and shopping malls, but is now available for use in the domestic market for beautiful gardens. Our buildings and garden features are built by experts offering high quality products that conform to safety regulations and expected standards. All aggregate conforms to BS EN933-1 in regards to sieve test dimensions. All paving is CE marked with relevant declaration of performance supporting documents to guarantee suitability in the UK.

Product Name	Paving Superstore_Sandstone 'Primary Range' Raj Green-SETTS, 100x100-40 to 60mm (10.89sqm)	Paving Superstore_Sandstone 'Primary Range' Raj Green-SETTS, 200x100-40 to 60mm (10.40sqm)
SKU	PRRG10109	PRRG2010
Country of Manufacture	India	India
Pack Coverage	10.89	10.4
Unit Number	900	450
Colour	Raj Green	Raj Green
Brand	Paving Superstore	Paving Superstore
Range	Cobblestone	Cobblestone
Thickness	Variable, 40-60mm	Variable, 40-60mm
Unit Size	100 x 100	200 x 100
Material Type	Sandstone	Sandstone
Surface	Uneven - Riven/Natural	Uneven - Riven/Natural
Edge	Irregular	Irregular
Pack Contains	900 Units	450 Units
Country of Manufacture	India	India
Delivery Type	Usually 5-7 working days. Price incl. VAT	Usually 3-5 working days. Price incl. VAT



Resin Bound Gravel

<https://www.tippers.com/products/black-ice-20mm-decorative-stone-bulk-bag-gsb0bblki.html?name=stones&type=simple&page=2>

Black Ice 20mm Decorative Stone Bulk Bag

GSB0BBLKI

Suitable for decorating garden paving, flower beds or water features. Black Ice is a contemporary decorative aggregate to enhance your outdoor space.

Product Description

Tippers Black Ice Decorative Aggregates consists of a mixture of grey, blue and black chippings. The chippings are a popular choice for garden borders as they offer a contemporary look and a stylish contrast, especially when wet as the water reveals deeper tones. The aggregates serve a practical use as well as aesthetic as they help suppress weed growth and aid in moisture control.

Weight: 850kg approx.



This will be combined with resin to ensure no loose parts can go into the road or move away over time damaging neighbouring properties. This also protects vehicles driving over it as the chippings are fixed in place preventing them from moving.

Resin Specification:

GRAVELHOLD ECO Resin 5 litres Waterbased Binder for Gravel Stones and Mulch on Borders, Patios & Gardens

Product details

Product information

✔ Eco-Friendly & Non-Toxic – Our waterbased Eco Resin technology is safe for children, pets, wildlife, and plants, ensuring a tidy garden without harming your natural surroundings.

✔ Ready to Use – No dilution or special tools required—simply pour or mix for an easy DIY solution.

✔ Fast-Drying & Clear Finish – Dries to the touch in just 1-4 hours and fully cures within 24 hours in warm, dry conditions (10°C–20°C). Leaves a natural, clear finish.

✔ Permeable & Weather-Resistant – Allows rain to drain through, preventing puddles and water build-up.

Keep your garden neat and secure with GRAVELHOLD ECO Resin, formulated to firmly hold gravel, stones, bark, mulch, and more in place all year round. Developed by polymer chemists, our formula delivers superior bonding to loose surfaces.

For the best possible result this product must be applied to gravel/stone/mulch that is sitting on top of a membrane

Features and benefits

- ✔ Ready to Use - 5L will cover 10 Sqm
- ✔ Eco-Friendly & Non-Toxic
- ✔ Fast-Drying & Clear Finish
- ✔ Permeable & Weather-Resistant
- ✔ British Made & Tested

Specifications

Brand	Siramico Coatings
Coverage	12m ²
Drying time	10-12 h
Location	External
Pack quantity	1
Size	Large
Weight (kg)	5kg
Product code	5061088860141





Recycled slabs

These slabs were previously used down both sides of the house for walking on. They are textured so do not become slippery when wet. They match with neighbouring properties well and are only intended to go down the side of the house between the alleyway and North elevation as shown on the drawings

610mm x 610mm x 50mm slabs

