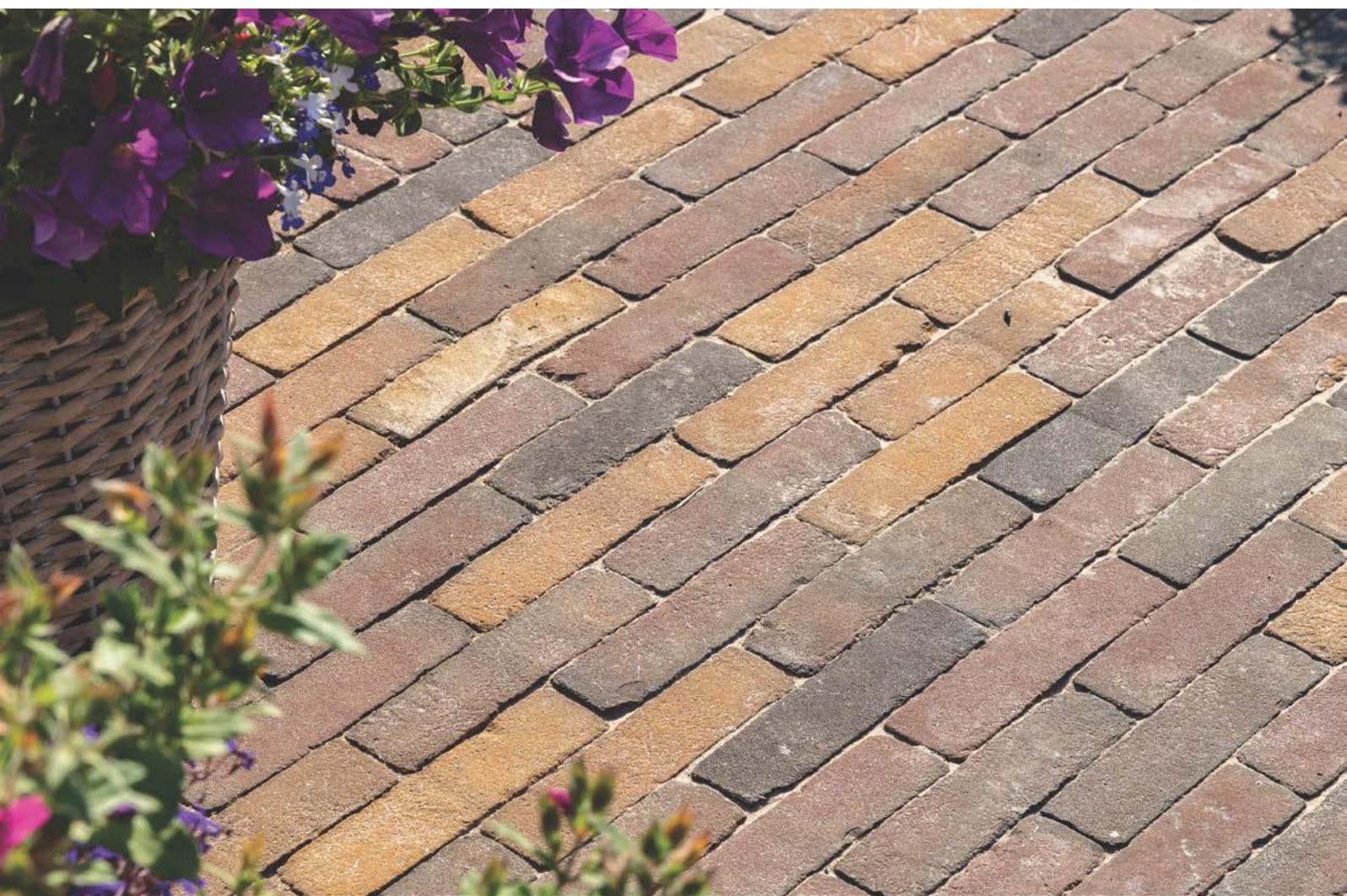




# BAKSTEEN®

CLAY BRICKS AND PAVERS



## Guide to Understanding **Baksteen**

# Welcome

This booklet has been produced as a guide to the properties and characteristics of our Baksteen Clay Pavers. We hope this will help our retailers, customers and end users to better understand, use and enjoy our clay paving landscaping products.

**Tel: 0330 333 8030 Fax: 0330 333 8040**

**Email: [customerexperience@talasey.co.uk](mailto:customerexperience@talasey.co.uk)**

**Talasey Group, St Vincent House, Normanby Road, Scunthorpe, DN15 8QT**





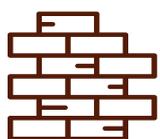
## LONGEVITY OF COLOUR

Due to clay pavers being fired in a kiln, their lack of pigments and additives and their resistance to UV light - their beautiful full bodied colour will last their lifespan.



## SUITABLE FOR MANY SPECIFICATIONS

Patios, pathways, driveways, edgings and commercial projects.



## VERSATILE DESIGN

Use Baksteen to create a brick effect, herringbone and many more styles.



## EASY TO CLEAN & MAINTAIN

Extremely resistant to ingress of dirt.



## SLIP RESISTANCE

Excellent slip resistant properties.



## FROST RESISTANT

The superior technical properties of clay pavers give an all-weather paving option.



## HIGHLY DURABLE

Excellent technical properties giving long term durability performance.

# Choosing Baksteen Clay Pavers

Baksteen offers a range of hand crafted artisan clay pavers which are tumbled to reveal a traditional weathered look. The Dutch style offers a versatile rectangular format, which can be laid in a variety of patterns such as herringbone, running bond, staggered bond, plus many more.

When laid on edge, on a suitably designed bedding and sub-base, these pavers will withstand heavy vehicular traffic, making them perfect for driveways. Alternatively, if laid on bed, they are suitable for pathways, patios and light vehicular traffic.

## When Baksteen is laid on edge

- Advised for driveways

### PER PACK:

**Size** - 200 x 50mm

**Thickness** - 65mm

**Weight** - 1250 - 1466kg

**Coverage** - 9.60m<sup>2</sup>

**Pieces** - 960



## When Baksteen is laid on bed

- Suitable for pedestrian use

### PER PACK:

**Size** - 200 x 65mm

**Thickness** - 50mm

**Weight** - 1250 - 1466kg

**Coverage** - 12.63m<sup>2</sup>

**Pieces** - 960



# Clay Pavers vs Concrete Block Paving

## Clay Pavers

Clay is a naturally occurring material meaning depending on where it comes from will give it its own unique colour. It is also used in many other materials like bricks and household items such as plates, cups and plant-pots.

Clay pavers are fired in a kiln at very high temperatures making it extremely durable and very hardwearing. The surface finish after firing gives an excellent, naturally good slip resistance. The firing in the kiln, together with their lack of pigments, additives and their resistance to UV light, ensures their beautiful full-bodied colour will last their lifespan.

They can be laid on a sub-base of aggregates finished with a compacted sand screed or as a rigid construction, if the application requires.

Sourcing clay pavers can be difficult in some areas of the UK as not many builders' merchants or DIY stores will have stock of a clay version of block paving. Unlike concrete block paving, which tend to be a core paving product they keep in stock, Baksteen Clay Pavers can be ordered through one of our network of builders merchants.

For more information on how to find your nearest stockist, contact our Customer Experience Team on [customerexperience@talasey.co.uk](mailto:customerexperience@talasey.co.uk) or visit [www.baksteen.co.uk](http://www.baksteen.co.uk) to use our friendly live chat service.

## Concrete Block Paving

This is a commonly used method of paving, particularly for driveways. Concrete Block Paving (CBP) can achieve an initial beautiful result when skilfully laid, on a sub-base of aggregates finished with a compacted sand screed.

Concrete is manufactured using a mix of aggregates, pigments and cement that are pressed into a steel mould, providing the overall size and finish. Due to the composition and nature of the manufacturing process of concrete, the surface will erode, and UV fading may occur, ageing the concrete relatively quickly. This can cause the original surface texture to deteriorate and display the aggregates within the mix, losing the original purchased aesthetic. Concrete block paving can be a cheaper option than clay initially but after one, five or ten years the difference in surface performance compared to Baksteen Clay Pavers may be very noticeable.



# Helping you make the most of your Baksteen Clay Pavers

Should you decide to use Baksteen on your project, this next section highlights considerations to make when placing your order through to enjoying your new paved area and all the elements to consider in-between.



# Things to consider when ordering

- We have a large network of stockists from whom you can purchase our Baksteen. To find your nearest stockist contact our Customer Experience Team or visit our website and use our friendly live chat service.
- If you have received a sample piece, please be aware that this is only a small representation of the colour blends that can be present in the clay. Remember each of our clay colour ranges are unique and are not designed to be a single shade or hue.
- It is recommended that you visit a local stockist of Baksteen products to see the pavers laid out, where possible. Only selecting from photos, catalogues, websites or one sample is not advised.
- We recommend mixing from as many different packs as possible during installation to create a natural blend. Although each product will contain a mix of colours, where a blended colour is selected, it is also recommended to mix from as many packs as possible to create the overall blend.
- Order enough of the product to cover the entire area you wish to pave, as above, batches can vary through different manufacturing batches.
- When placing your order, we recommend you order an extra 10% to allow for any cutting, personal selection or breakages that is required.
- Products being delivered direct to site/homeowners will be delivered kerbside from our merchants. It is important that the driver has easy access and maneuverability at the delivery site. Please note that the drivers cannot unload very far from the vehicle, so you will need to consider how the products will be moved to the project area.

Speak to our Customer Experience Team for further advice. We are here to help.

Call: **0330 333 8030** | Email: **[customerexperience@talasey.co.uk](mailto:customerexperience@talasey.co.uk)**

Or visit the knowledge hub on **[www.baksteen.co.uk](http://www.baksteen.co.uk)**



# Receiving Your Baksteen Clay Pavers

## Remember:

- Take care and stand to one side when removing the packaging, banding and the product out of the pack. Ensure you open the packaging on level ground.
- Think about how you are going to move the product on site, if the project is around the back of your property. The use of a wheelbarrow or a sack barrow will make this process easier.
- Unpack the pavers vertically down the pack and not horizontally, as this will help to maintain the correct bond pattern. In the unlikely event of any broken pavers being received, these should not be used in the main area, however these can be used as cut pieces to infill.
- If you are going away whilst the product is installed, we would recommend that you check the product is to your satisfaction before you go, or ensure your installer clearly understands your expectations.
- Once you receive your shipment of Baksteen, inspect all the product. If you have any issues with the delivery, report them straight away to your merchant and do not lay the pavers. Talasey Ltd will not accept any liability for product, deemed unsatisfactory, that is laid.
- After you have unpacked the product, consider the environment and recycle the packaging, which could include wooden pallets, plastic ties and plastic wrapping.
- Baksteen is a tumbled product giving an antiqued and rustic feel. The tumbling process creates imperfections, irregularities and chips on the edges, surface and corners of the paving.

## Health & Safety

We would recommend that gloves, safety boots with steel toe caps and oil resistant sole, ear defenders and protective clothing should be worn. When cutting our products either with a multi-bladed mechanical paver splitter, or preferably a bench mounted water-cooled diamond tipped power saw, it is essential that suitable eye protection is also worn. Always ensure that suitable respiratory protection is worn to avoid the inhalation of dust particles produced by high-speed cutting devices. Training may be needed to operate certain equipment; it is your responsibility to ensure this takes place where necessary.

For further information on Health & Safety, please visit the knowledge hub on [www.baksteen.co.uk](http://www.baksteen.co.uk)

It is your responsibility to ensure that you comply with all applicable health and safety legislation and guidelines.



Face Protection



Protective Gloves



Eye Protection



Hearing Protection

# Ready to Go

When installed correctly, any of our clay pavers will assure you of many years of service and will create beautifully paved areas. Part of the beauty and attraction of clay pavers is that each colour range is unique and is not designed to be a single shade or hue. Our next few pages guide you through some basic installation tips and where to find more detailed advice. Don't forget you can always call our Customer Experience Team if you require more help.

## Once Delivered

**Inspect your products** – Report any issues to your merchant before you begin installation so we can work with them to resolve the situation as quickly as possible. Do not lay product you are not satisfied with; we will not accept any liability or costs once laid.

**Going away?** - If you are not going to be around during installation, we strongly recommend you inspect the product before you go, or ensure your installer is clear on your expectations.

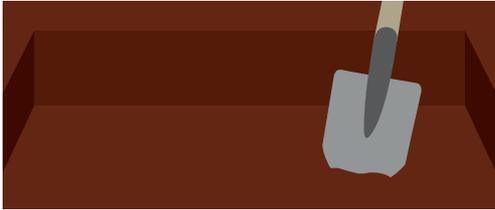
## Ready to Start

**Mix from packs** – To avoid colour banding and to create a good blend of colour, remember to mix from as many packs as possible as you go, taking pavers vertically down the pack.

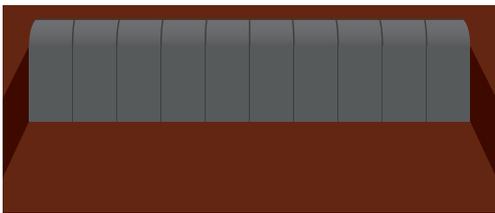


# Installation

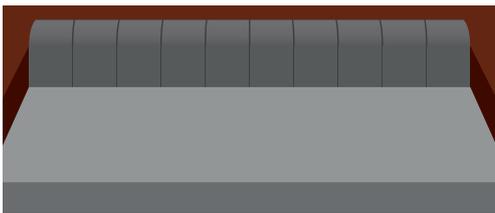
## On a Flexible Construction



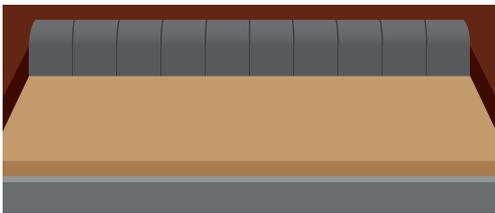
Dig out the ground to required depth.



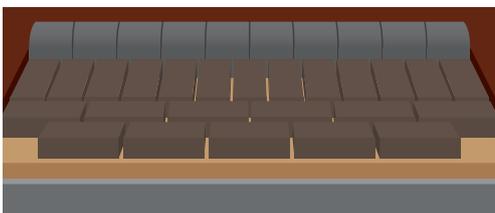
Install your edge restraints.



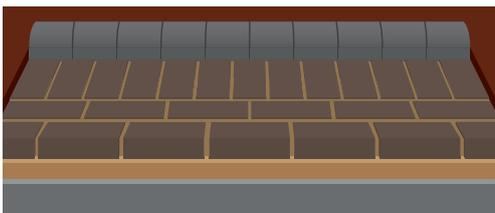
Compact your sub-base.



Lay and compact your sand screed.



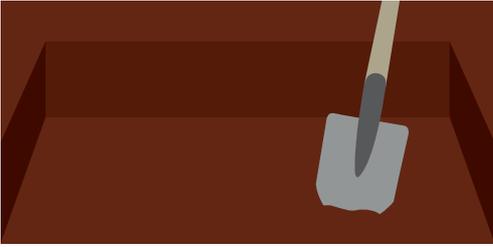
Lay correct way up.



Sand your joints and compact.

# Installation

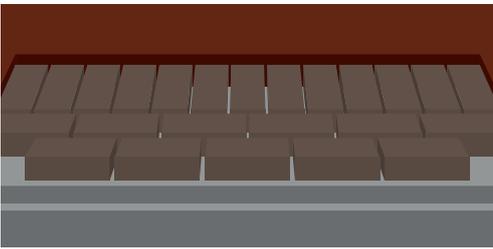
## On a Rigid Construction with 5-15mm Joints



Dig out the ground to required depth.



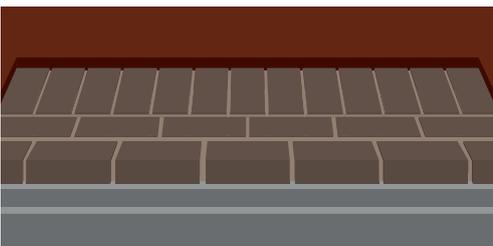
Compact your sub-base.



Always lay on a full mortar bed.



Lay the correct way up.

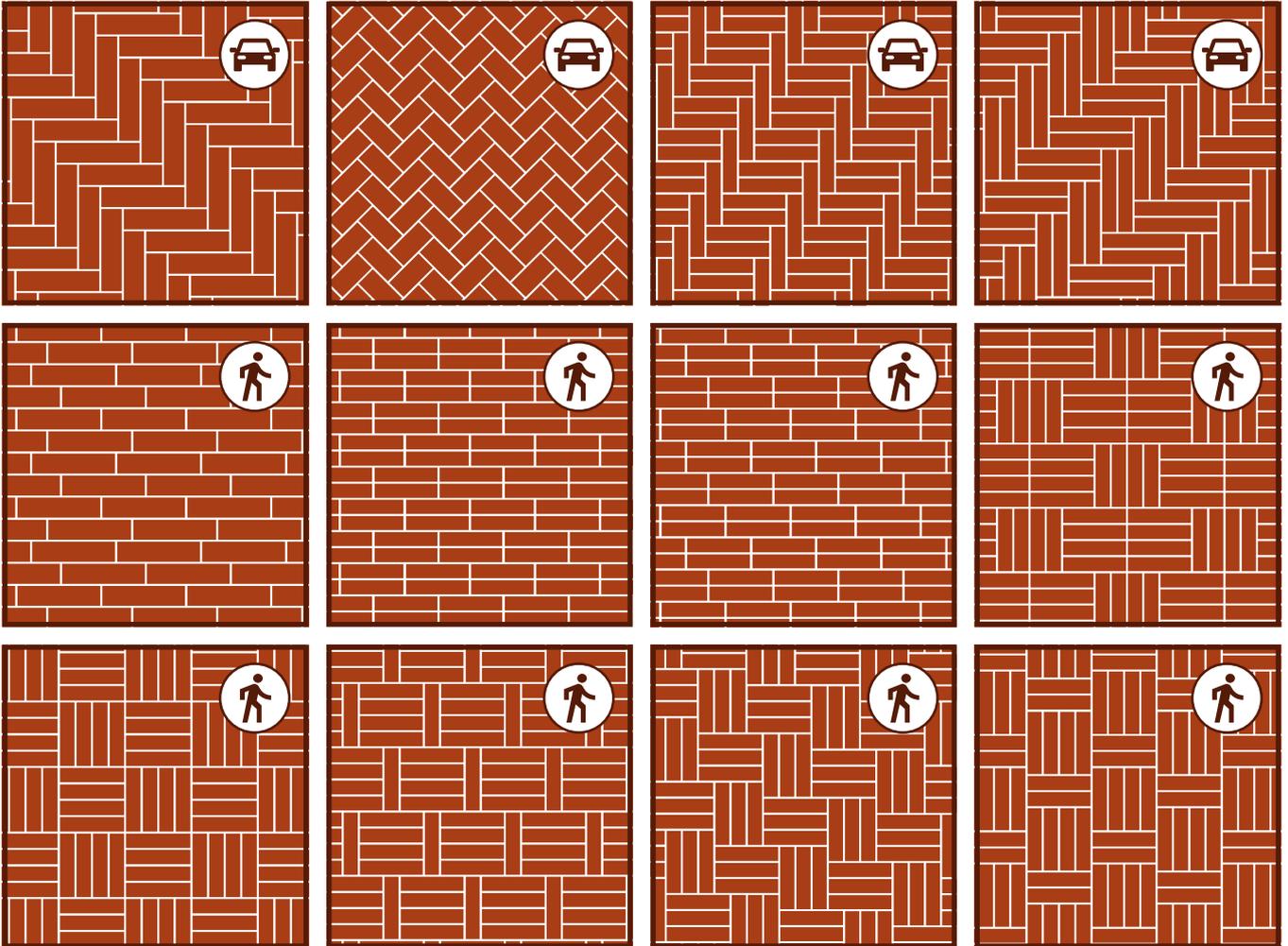


Fill joints using our great Pavetuf Jointing Mortar.

For our full detailed Baksteen Planning & Installation Guide, please visit the Knowledge Hub on [www.baksteen.co.uk](http://www.baksteen.co.uk)

# Laying Patterns

There are many ways that Baksteen can be laid, and although most laying patterns are designed with appearance in mind, some are designed specifically for vehicular traffic, others pedestrian.



# Frequently Asked Questions

## **Can I park a 4 x 4 vehicle/van on my Baksteen driveway?**

Yes, providing the construction is robust enough for the intended traffic loadings. Baksteen Clay Pavers laid on edge on a flexible or rigid construction will be more than adequate for use by these types of vehicles. Baksteen Clay Pavers attain the highest category T4 Transverse Strength as required by the current European and British Standard BS EN 1344.

## **Upon completion, how soon can I use my paved area?**

When laid on a flexible construction, (sand bed and jointing) the paved area may be used immediately. If Baksteen is laid on a rigid construction, i.e. on a mortar bed with mortar joints, then sufficient curing time (as per mortar instructions) should be allowed before the area is open to use.

## **Does my Baksteen surface need to be sealed?**

Sealants or joint stabilisers may be beneficial to facilitate high incidences of jet washing such as 'car wash down' areas or steep drives where water scour may remove sand between joints. Sealants and joint stabilisers may also minimise weed growth through the joints.

One of the main advantages of clay is it does not need to be sealed and its ability to remain colour fast, the natural hues remaining throughout the life of the product, therefore the surface does not need sealing for colour retention purposes.

## **How should I care for my Baksteen surface?**

Apart from ensuring sanded joints remain full in the early life of the installation if laid on a flexible construction, or after jet washing, there is minimal maintenance required due to the low water absorbency. Should any stubborn stains appear, for example an oil spillage, simply use an emulsifier then rinse off with clean water. This will disperse the stain without harming the surface.

## **If I choose a clay paver because of the colour will it fade over time?**

Natural clay is the perfect choice of paving material for colour retention as colour runs throughout the product and does not fade over time. Other man-made products such as concrete pavers have pigment added to them to create the desired colour, which will fade over the years due to surface erosion, choosing clay will ensure that beautiful colour will last its lifetime.

## **Do I need to consider drainage in my garden or driveway as I am concerned about heavy rain fall and potential flooding?**

Drainage should always be considered when a new driveway is installed, as water must not run off into a highway or public road. There are many drainage solutions available so ensure you discuss this with your installer. If a channel drain is required then consider our Pavetuf Decorative Channel Drain with beautiful grate designs.

For more details visit [www.pavetuf.com](http://www.pavetuf.com).

# Cleaning

Power washers are not recommended as they high power washers can destabilise the jointing and bedding affecting the performance of your area. If you do choose to use a power washer they should be used with the upmost care, holding 30-45cm away from the surface, with a wide fan on a low pressure. Power washers fitted with a rotary patio cleaner are generally appropriate. Once the area has been cleaned and is completely dry you will need to re-sand the surface, to replace sand lost from the joints during the cleaning process. This is imperative for the longevity of the entire construction, especially if they are on a driveway.

Try and keep the area clear of leaves and debris. Be aware, certain leaves and other plant life can stain any paving type. Some leaves and plant life will leach tannins when they lay on the ground that can discolour paving and standing water. Algae growth is possible on almost any surface, given the right environmental conditions. Pavetuf Green Off Cleaner can be simply sprayed on the surface and left to work. This also works on other hard landscaping areas.

Before using any cleaning products on your Baksteen test a small, discreet area of pavers first to make sure you are happy with the result.

We recommend that you do not clean our pavers for the first three months after installation to allow the joints to settle and consolidate.





	Stains that each cleaner removes												Size options			
	Algae, moss, mildew, fungi	Black & white spot lichens	Heavy soiling	Light soiling	Grease & oil**	Leaf & plant staining	Bird droppings	Efflorescence/salts	Rust/iron ore	Solvent sealers paints/varnish	Mud	Atmospheric pollution	BBQ grease, oily food stains**	1 litre	5 litre	25 litre***
<b>Deep Cleaner*:</b> A deep penetrating cleaner for the easy removal of heavy soiling from all hard landscaping areas.			✓	✓	✓		✓				✓	✓	✓	✓	✓	✓
<b>Resin Bound Cleaner:</b> A powerful heavy duty cleaner for resin bound aggregate surfaces.			✓	✓	✓		✓				✓	✓	✓	✓	✓	✓
<b>Green Off Cleaner:</b> For the removal of algae, moss, leaf staining and organic growths from all hard landscaping areas.	✓		✓	✓		✓	✓				✓	✓		✓	✓	✓
<b>Wood Deck Cleaner:</b> Effective for the removal of organic growths and staining from wooden decking.	✓		✓	✓		✓	✓				✓	✓		✓	✓	✓
<b>UPVC &amp; Fascia Cleaner:</b> An effective UPVC cleaner for the removal of organic growths and staining.	✓		✓	✓		✓	✓				✓	✓		✓	✓	✓
<b>Wall &amp; Render Cleaner:</b> A non-corrosive cleaner for the removal of organic growths and staining for brick and rendered walls.	✓		✓	✓		✓	✓				✓	✓		✓	✓	✓
<b>Composite Cleaner:</b> A concentrated acid free cleaner for use on composite decking, fencing and doors.			✓	✓			✓				✓	✓		✓	✓	
<b>General Cleaner*:</b> A general cleaner for regular maintenance on all hard landscaping areas.				✓			✓				✓	✓		✓	✓	✓
<b>Rust Remover:</b> An effective, non-corrosive rust stain remover for hard landscaping products.								✓						✓		
<b>Salt Eraser:</b> For the removal of efflorescence/salt from the surfaces of paths, drives and patios.							✓							✓	✓	
<b>Porcelain Cleaner*:</b> A concentrated porcelain and ceramic cleaner for internal and external use.				✓			✓				✓	✓		✓	✓	
<b>Sealer Remover:</b> Easy to use sealer remover for use on solvent and polymer based sealers, paints and varnishes.									✓					✓	✓	

\*Can be used internally as well as externally

# Sealing

There are many sealers available on the market that offer different finishes. Clay pavers do not have to be sealed so sealing is a personal choice. Some sealers are designed to affect the appearance, such as leaving a satin finish.

An important factor to consider if deciding to seal your clay pavers is whether or not the sealer is breathable. Breathable sealers allow efflorescence to come to the surface of the pavers and disperse, whereas unbreathable sealers can trap this efflorescence beneath the surface. An example of a potential problem caused by the use of the wrong sealer, is where efflorescence develops but the sealer prevents salts from exiting through the sealed surface. The build-up of the salts not only can result in a difficult to remove stain but can often cause disruption and breakdown of the surface itself.

With unbreathable sealants, manufacturers will normally recommend that you wait three months before sealing your recently paved area, to allow efflorescence to appear. This can then be washed off before sealing. If using a breathable sealant, the paved area can usually be sealed straight after installation, but always check with the product manufacturer. If you make the decision to use a sealer on your Baksteen, test the product on a small, discreet area first, to make sure you are happy with the result.





Features								Use on these materials								Look	
Environmentally friendly	Colour Enhancing	Waterproofing	Breathable	Superior stain resistance	Stain resistance	Superior scrub rate	UV stable	Use straight after installation	Black slates, granites & limestones	Slate & limestone	All other natural porous products & stone	Masonry	Brickwork	Concrete paving	Tarmac	Invisible finish	Satin finish
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
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✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						✓		

**Invisible:** Easy to apply, invisible sealer for long lasting protection. Available in a 1ltr, 5ltr and 25ltr tub.

**Satin:** Easy to apply sealer, for long lasting protection with a satin finish. Available in a 1ltr, 5ltr and 25ltr tub.

**Invisible Ultra:** Professional deep penetrating invisible sealer giving the highest level of protection and superior stain resistance. Available in a 1ltr and 2.5ltr tub.

**Satin Ultra:** Professional deep penetrating satin sealer giving the highest level of protection and long lasting stain resistance. Available in a 1ltr and 2.5ltr tub.

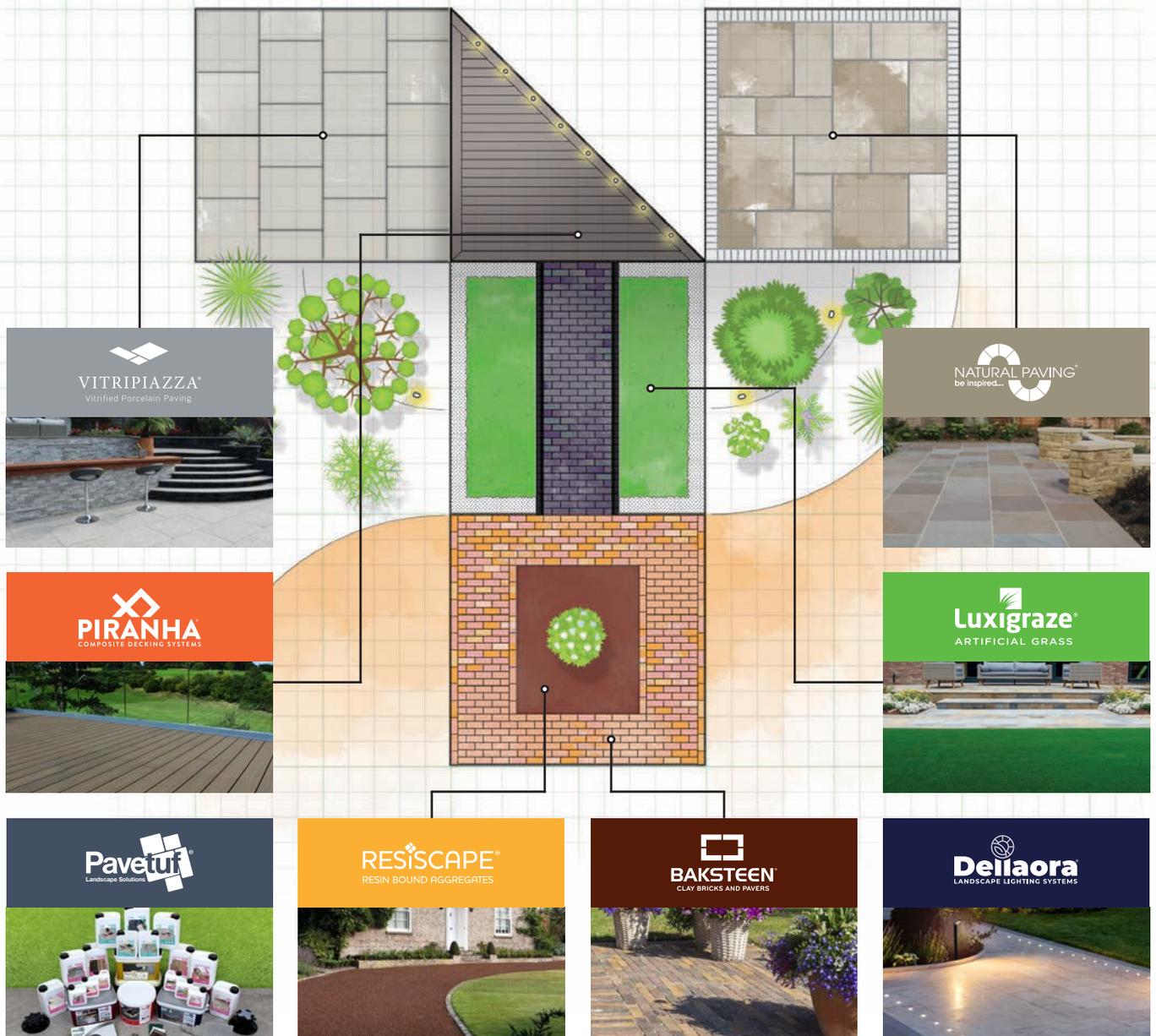
**Back to Black:** A colour reviving sealer to restore black stones and granites. Available in a 1ltr, 5ltr and 25ltr tub.



The Ultra product options provide our highest level of sealant protection, with superior stain repellent properties that allow for a longer period of time before any spillages will soak into and stain the paving. This gives Homeowners more time before they need to clean any spillages.

# TOTALLY TALASEY

TALASEY ARE PROUD TO BRING YOU THEIR EXTENSIVE PORTFOLIO OF THE FINEST LANDSCAPING PRODUCTS AND SOLUTIONS



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 0330 333 8030  
[www.talasey.co.uk](http://www.talasey.co.uk)



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