



Tetralock

Interlocking strength, lasting style

5-sided interlocking concrete paving engineered for superior performance in streets, plazas, and high-traffic public spaces.

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Introducing Tetralock

Developed to resist shifting under pressure

At Tobermore, we know urban spaces face a tough challenge: heavy footfall, vehicles, and busy public areas all demand paving that can take the pressure - without compromising on style.

Tetralock combines exceptional stability, long-lasting strength, and design flexibility, giving architects, engineers and local authorities a paving solution that stands up to heavy traffic, lasts for decades, and looks great doing it.

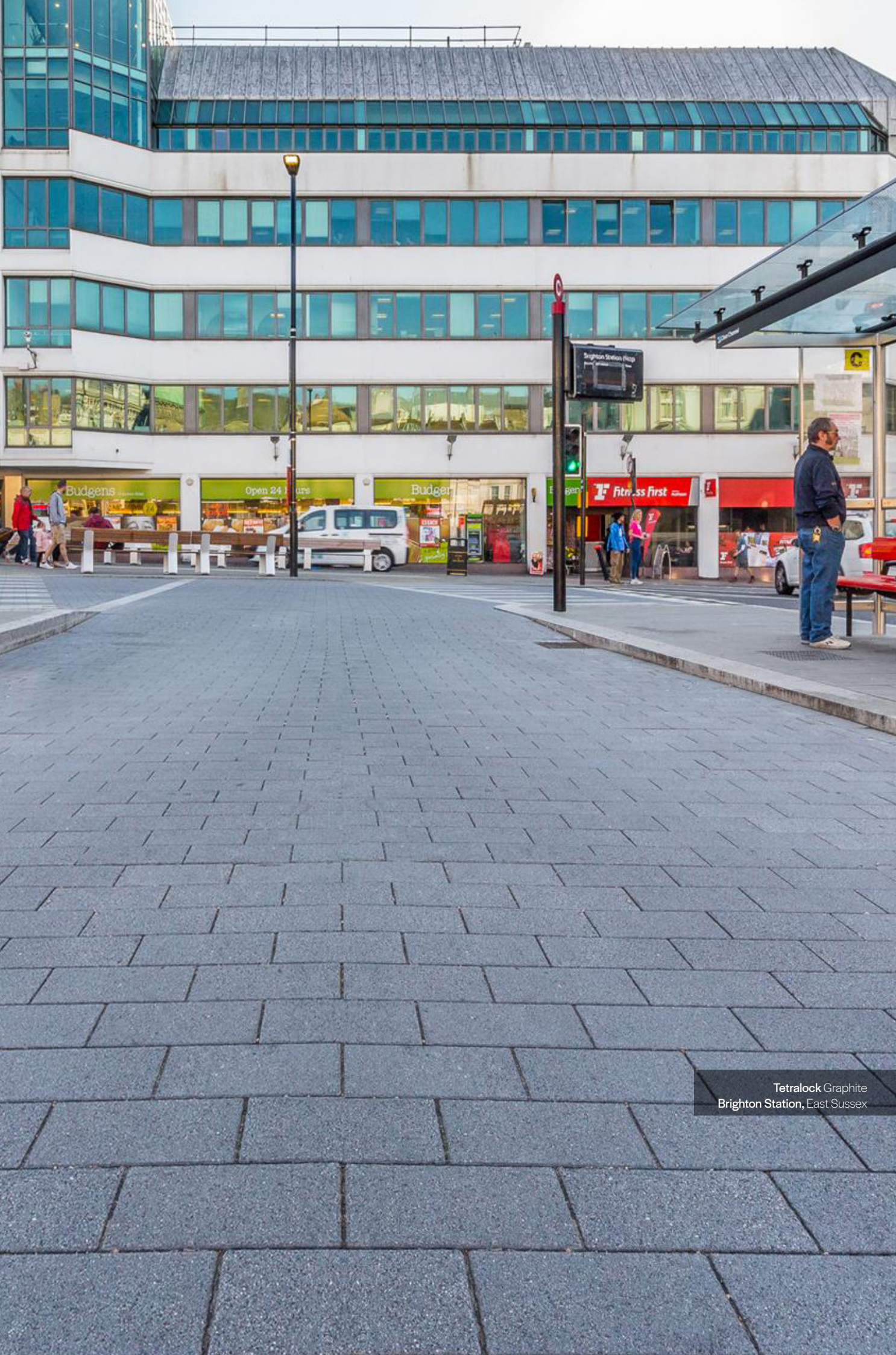
Where Tetralock performs best:

-  Transport hubs, bus stops & interchange areas
-  Commercial & civic schemes with high footfall
-  City centres, plazas & pedestrian precincts
-  Industrial or service yards
-  Accessible routes requiring smooth, narrow-joint paving



Tetralock Silver & Mid Grey
Glanbia HQ, Kilkenny

A food company's headquarters receives a high volume of deliveries and required a solution capable of handling significant traffic demands.



Tetralock Graphite
Brighton Station, East Sussex

The benefits of Tetralock

Exceptional stability

Five-side interlock with clawing base resists horizontal and vertical movement - perfect for heavy traffic and directional loads.

Heavy-duty strength

High compressive strength, low water absorption, freeze-thaw resistant - designed to last decades.

Simplified installation

Tetralock simplifies installation due to its ability to be laid unbound, saving on time and labour costs.

Smooth & accessible

Narrow joints create a wheelchair-friendly, visually clean surface. Suitable for public realm and transit areas.

All-weather performance

Engineered surface layer with high wear and skid resistance keeps pedestrians safe, whatever the weather.

Built to stay flat

Superior transfer of applied loads between blocks reduces rutting. Perfect for creating inclusive spaces.

Design flexibility

Available in smooth and textured granite finishes, the modular format offers flexible laying patterns and colour combinations to create both contemporary and traditional paving schemes.

Heightened performance

Due to the increased block depth and interlocking nibs, Tetralock can perform effectively in one higher traffic category than a regular block when laid in a stretcher bond. This gives great design choice up to traffic category 6.

Supporting sustainability

Unlike granite, Tetralock has the ability to be laid unbound no matter the traffic category. This flexibility means that from cradle to gate, it has an average carbon figure of 1.5-3kg co2 per square metre compared to the 15-35kg co2 per square metre for laying a product bound.



Tetralock Charcoal & Mid Grey
Camberwell, Southwark

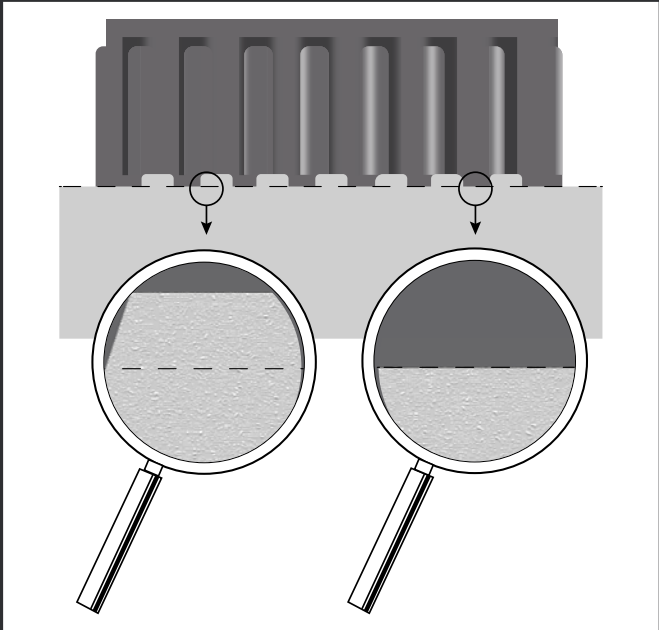
How it works & why it's different

What sets Tetralock apart from traditional concrete block paving is its unique five-sided interlocking design, featuring interlocking nibs on every side alongside profiled grooves on the underside of each block.

The profiled underside creates a clawing effect within the pavement laying course, **increasing frictional resistance by 54% compared to non-profiled blocks.**

Interlocking edge nibs further enhance resistance between units, helping maintain tight joints and structural integrity in high-traffic environments, particularly at junctions and areas subjected to turning vehicles.

The combination of increased paving block depth and enhanced interlock improves load transfer between blocks, reducing the risk of rutting and concrete block deformation over time.



Profiled grooves to the underside of the block

These additional grooves improve load distribution across the paved surface, reducing both horizontal and vertical movement while delivering greater long-term stability.



Tetralock Graphite, Mid Grey & Silver
Borough of Southwark, London



Tetralock Charcoal & Mid Grey
Camberwell, Southwark

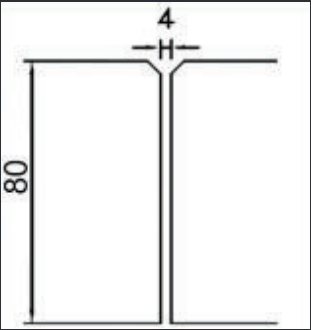
Proven to reduce paving movement

Five-sided shift protection for demanding traffic environments

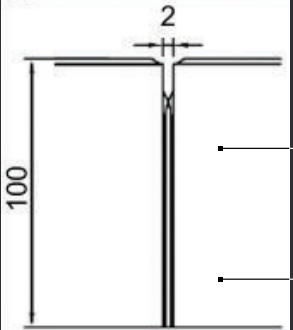
Tetralock has been designed to perform in areas subjected to heavy braking, acceleration, and turning traffic, helping deliver greater long-term pavement stability in high-stress environments.

Tested under the equivalent of 1 million 10-tonne axle loads:

Standard block paving	Tetralock
2.69mm surface movement	0.2mm surface movement



Conventional paver
Joint width: 3-5mm



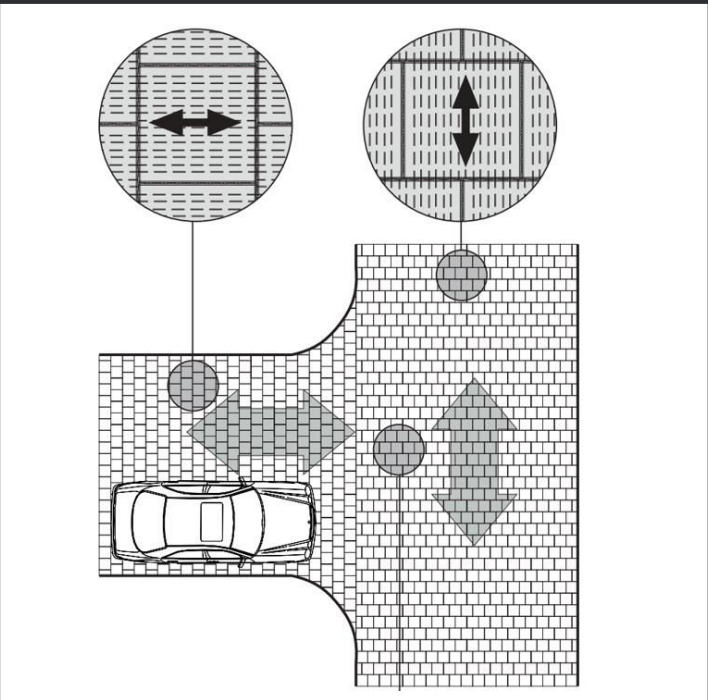
Interlocking system
Joint width: 2mm

Better load distribution by using the whole block height.
Excellent protection of joint material against wash-out and suck-out

Tetralock demonstrated a significant reduction in pavement movement compared to standard rectangular block paving under sustained heavy-load testing.

The best results were achieved when the profiled grooves were laid in the direction of traffic flow, helping maximise frictional resistance and interlock within the pavement structure.

Testing independently verified by Dresden University of Technology (TU Dresden)



Tetralock specification



Block size:
300 × 150 × 100 mm



Interlock:
Five-side system for multi-directional stability



Wear layer:
≥4 mm engineered surface layer



Slip resistance:
>45 PSRV/USRV



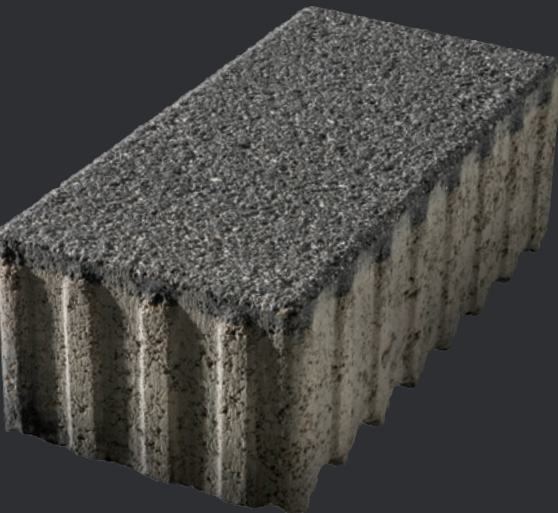
Durability:
Heavy vehicular traffic ready



Standards:
Meets BS EN 1338



Loading categories:
All 9 loading categories when laid in herringbone



Pack information

Colours available	m ² per pack	m ² per slice	no. per m ²	no. per pack	weight kg per pack GB	weight kg per pack NI/ROI
Bracken, Charcoal, Graphite, Natural, Mid Grey, Silver	7.2	1.8	22.2	160	1565	1555

BIM - This product is available to download from our website in BIM Level 2 format.

Swatches

Silver



Mid Grey



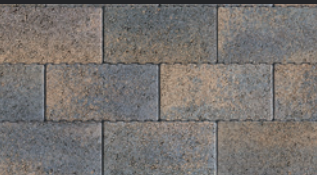
Graphite



Natural



Bracken



Charcoal



Tetralock Silver & Mid Grey
Glanbia HQ, Kilkenny

Solihull Gateway

Solihull

Product

TetraLock
Silver & Bracken

Landscape Architect

Chris Morton
Solihull Council

Contractor

Balfour Beatty

Subcontractor

Kelbec

Where contemporary design meets lasting performance

The redevelopment of Solihull Gateway transformed a key route between the railway station and the town centre into a welcoming, contemporary public space. The scheme required a paving solution that could enhance the overall design while providing the durability expected of a busy civic environment.

Tetralock was selected for its ability to combine architectural appeal with dependable long-term performance. Its clean lines and granite-textured finish complemented the contemporary streetscape, while its interlocking technology helps maintain pavement stability and appearance over time.

Solihull Gateway remains an attractive gateway to the town centre, demonstrating how Tetralock can support ambitious public realm design without compromising on the performance required for everyday use.

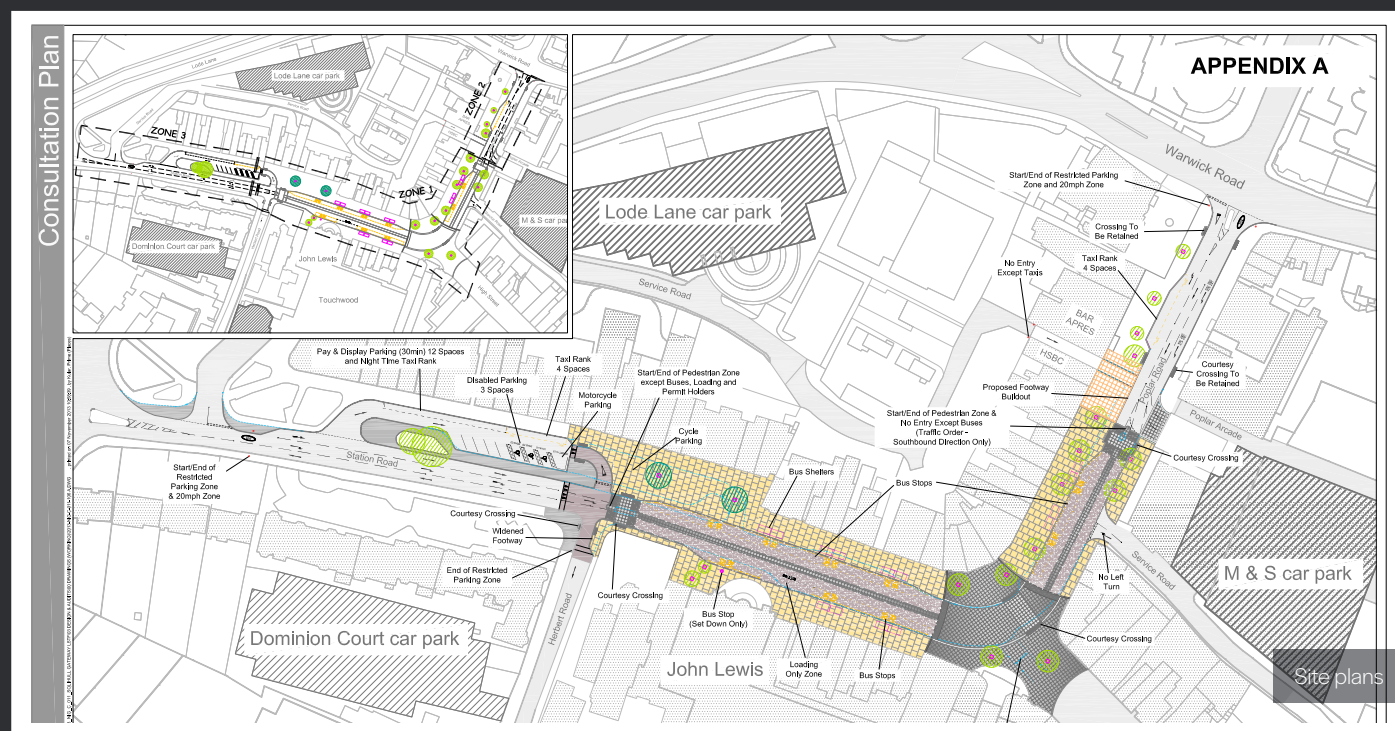
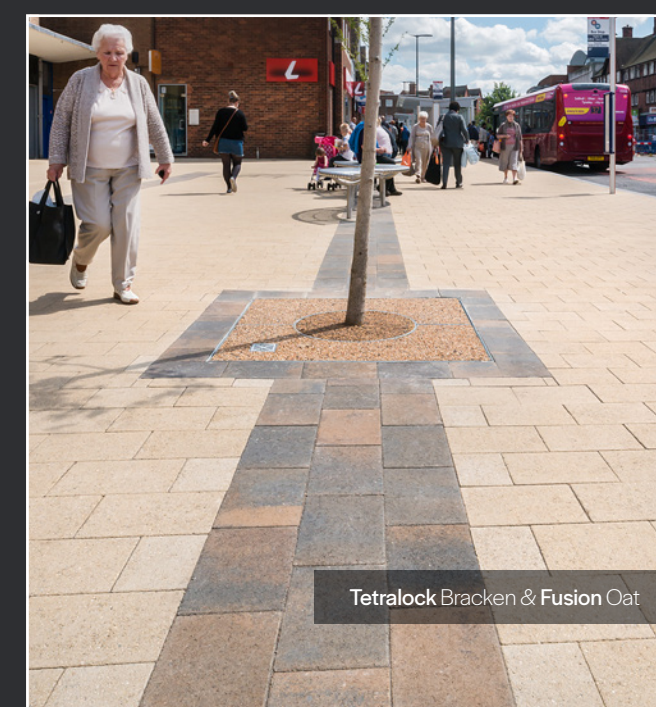
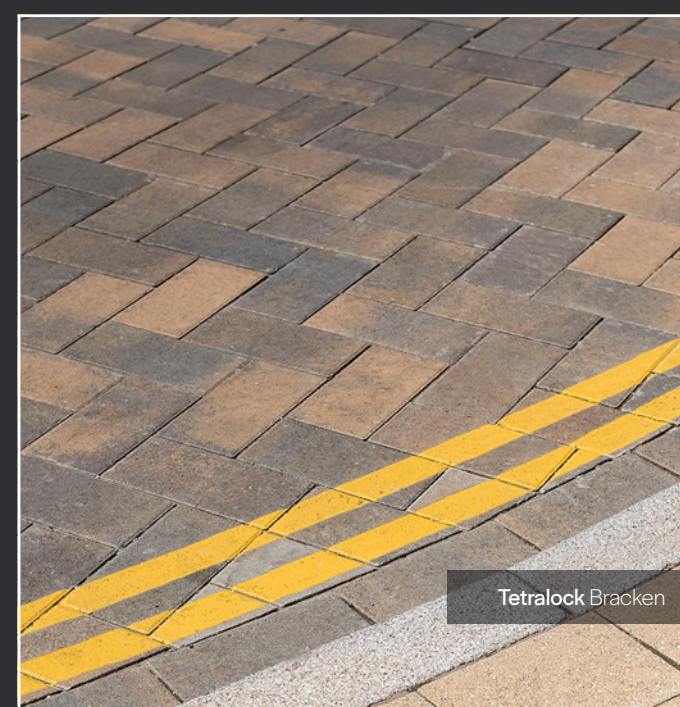


Image: Solihull Metropolitan Borough Council



Brighton Station East Sussex

Product
Tetralock
Silver & Graphite

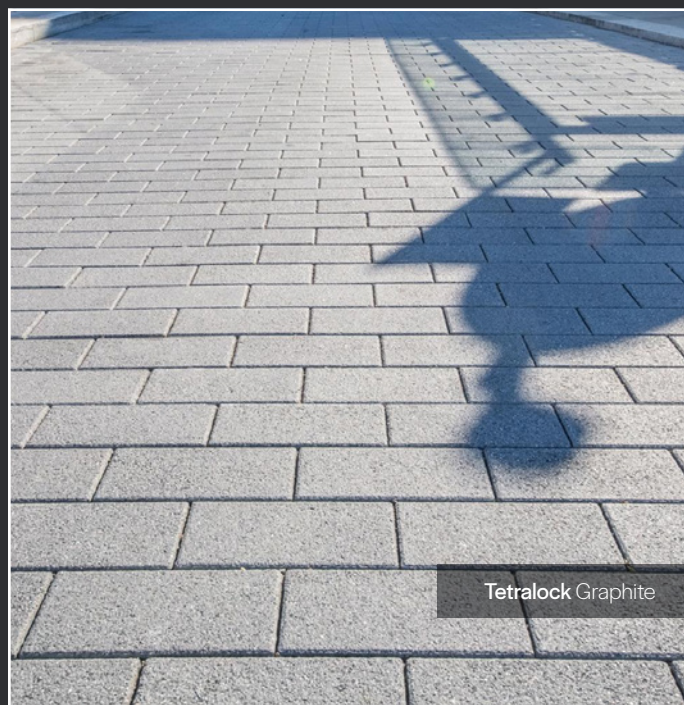
Client
**Brighton & Hove
City Council**

Architect
Urban Movement

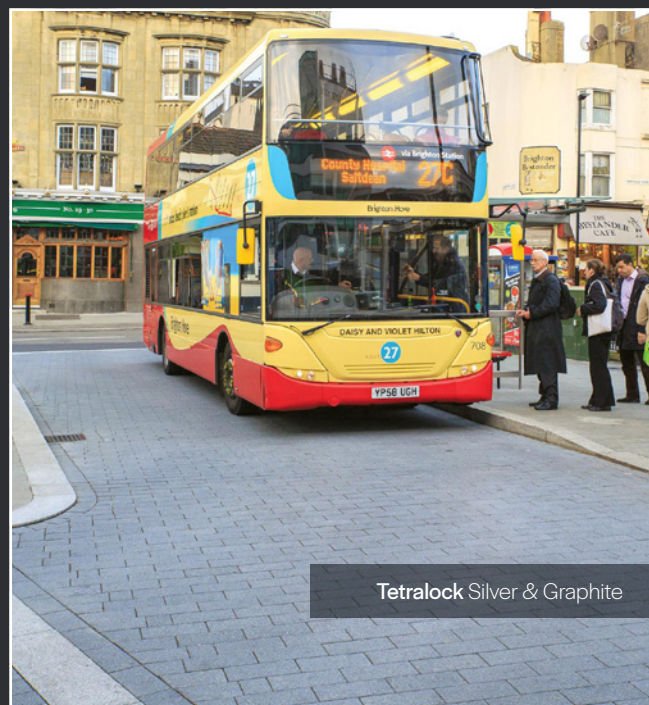
Groundworker
RJ Dance



Tetralock Silver & Graphite



Tetralock Graphite



Tetralock Silver & Graphite

Meeting the demands of a busy transport hub

Brighton Station is one of the South Coast's busiest transport hubs, with thousands of commuters, buses, taxis and service vehicles passing through the station forecourt every day. As part of a major public realm redevelopment, Brighton & Hove City Council required a paving solution that could deliver an attractive, welcoming environment while withstanding the demands of constant heavy traffic.

Tetralock was selected for its five sided interlocking design, which helps minimise horizontal and vertical pavement movement under load. This enhanced structural stability makes it particularly well suited to transport interchanges and other heavily trafficked public spaces, helping to maintain pavement integrity and appearance over the long term. A combination of colours graphite and silver contributed to a contemporary streetscape that complements the station's role as a gateway to the city.

Today, the station forecourt continues to accommodate thousands of daily journeys in a durable, attractive public space. The project demonstrates how Tetralock's interlocking technology provides the long-term performance, stability and visual appeal needed for high-demand urban environments.



Tetralock Silver & Graphite

Camberwell Regeneration Southwark

Product
Tetralock
Charcoal, Silver & Graphite

Client
**Southwark
Council**

Architect
**John McAslan
& Partners**

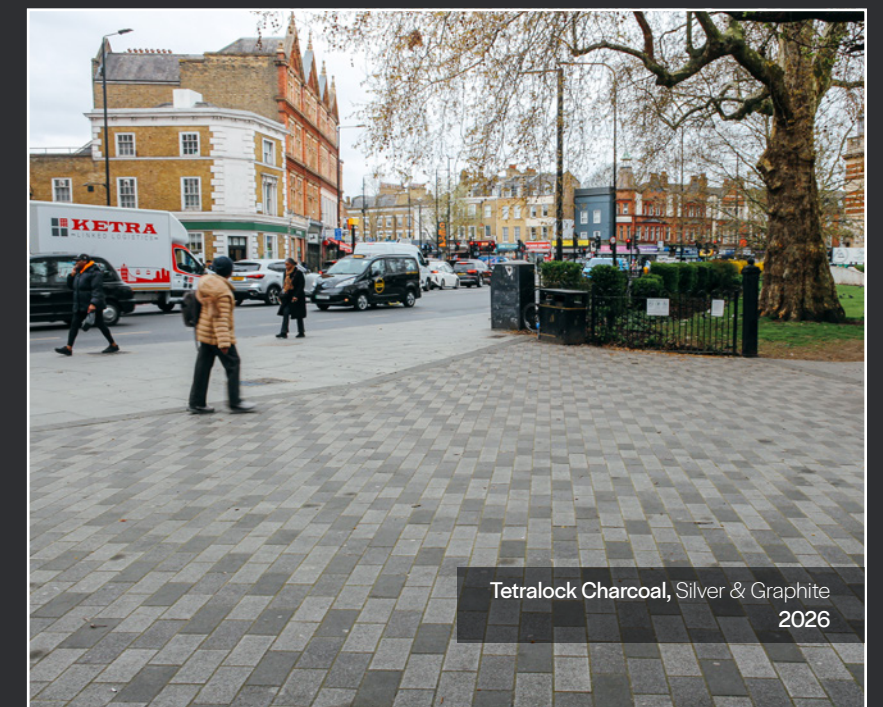
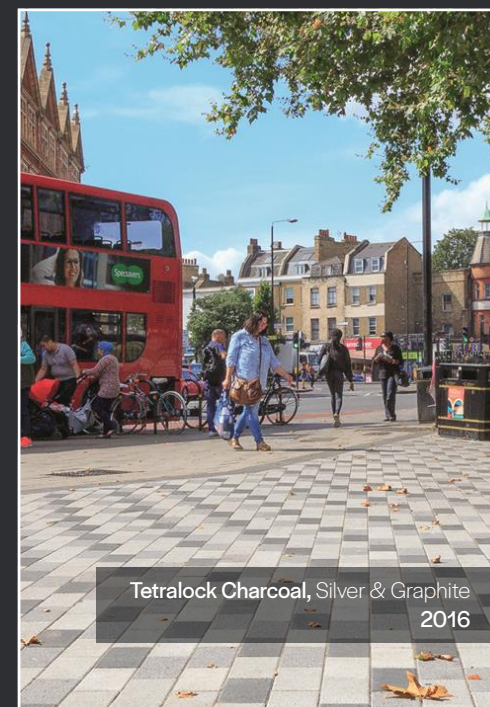
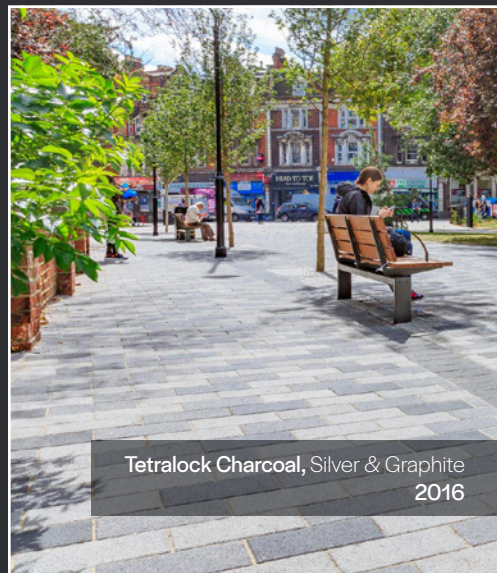
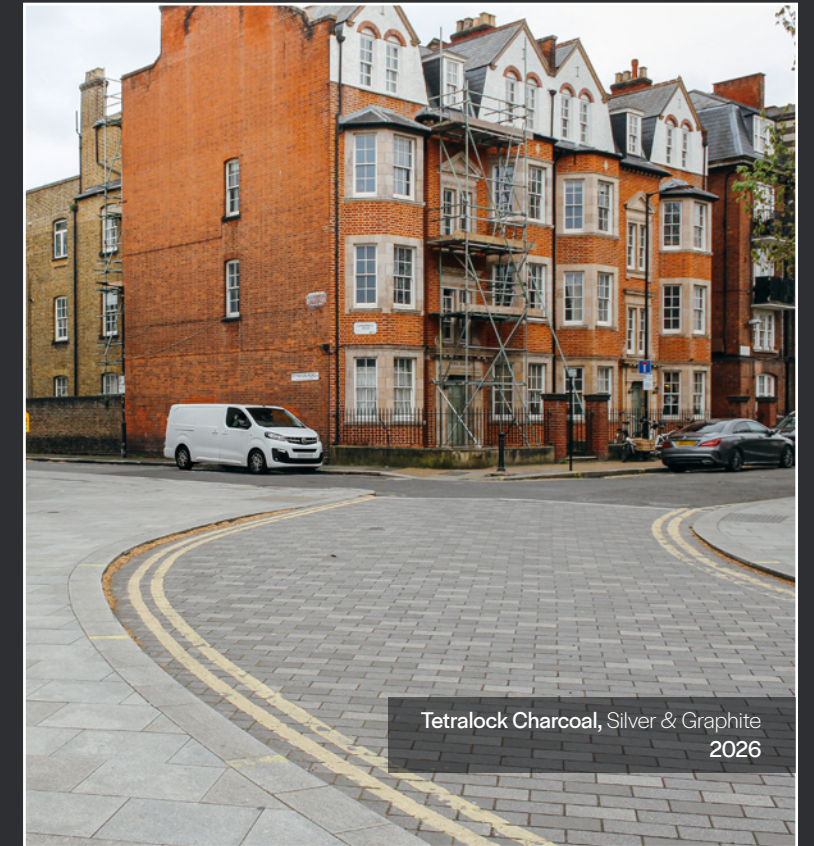
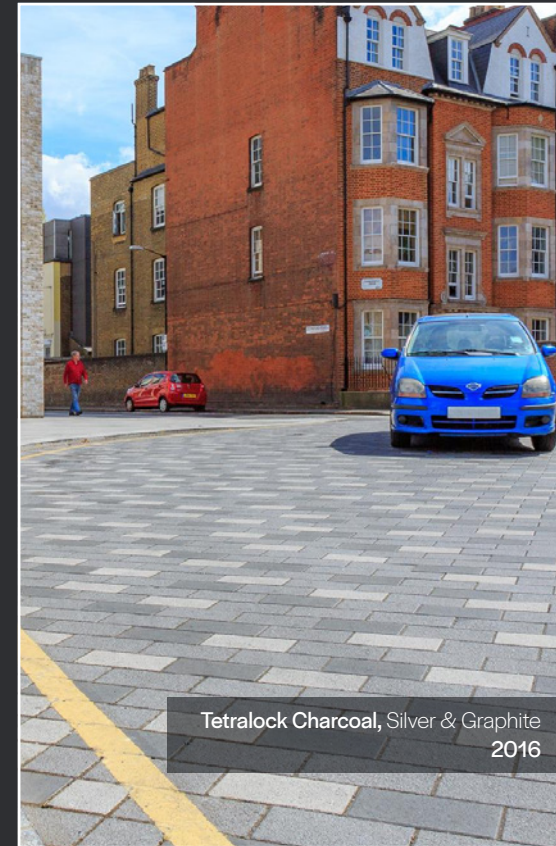
Groundworker
**Blakedown
Landscapes**

Revitalising the Heart of the Community

Great public spaces bring people together, creating places where communities can meet, move and connect. The Camberwell Regeneration project was designed to do exactly that, transforming a key urban space into a welcoming destination at the heart of the neighbourhood.

To support this vision, Tetralock was selected for its ability to combine contemporary aesthetics with long-term durability. A blend of Charcoal, Mid Grey and Silver introduced rhythm and contrast across the space, helping to create a distinctive identity while complementing the surrounding architecture. Beneath the surface, Tetralock's interlocking design provides the stability needed to withstand the demands of everyday pedestrian and vehicular use.

A decade after completion, the scheme continues to retain its visual appeal while performing as intended. Today, Camberwell is more than a regenerated public space—it's a place people use, experience and enjoy every day. The project highlights how Tetralock helps create urban environments that not only look exceptional on completion but continue to support thriving communities for years to come.



Installation made easy

Follow **BS 7533** (flexible pavement guidelines) together with our manufacturer’s installation procedures - the sub-base, bedding, and compaction are key to reaching Tetralock’s superior interlock performance. Scan the QR code for your installation instructions.



Talk to our team

Have a question about your project?
Our experts are here to guide you - from design ideas to technical specifications.

Tailored design advice
Choose the right laying patterns, colours, and finishes to bring your vision to life.

Specification guidance
Ensure your project meets all technical and regulatory standards.

Technical support
Get help with sub-base, bedding, and interlock performance for long-lasting results.

Project inspiration
See real-life case studies and creative layouts to spark ideas for your scheme.

Get in touch
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