

kellen



natural stone & concrete, perfected



Concrete without compromise.

Kellen is Hardscape's advanced concrete technology, featuring **100% natural stone aggregates** in a range of surface textures and mixes, fused with a high-performance concrete base.

Kellen delivers the aesthetic richness and durability of natural stone with the concrete engineering specifications demanded by modern public realm and landscape projects. Available in an extensive range of colours, Kellen is utilised across a wide selection of **Paving Blocks & Flags**, varied **SuDS** / permeable solutions, the **Elementale** street furniture range, and our market defining **Active Travel Kerbs**.

Manufactured in ISO 14001-certified facilities, production uses recycled water, minimises dust emissions and transports 90% of raw materials by water, significantly reducing transport-related carbon. Sand and gravel content is supplemented by recycled materials, reducing environmental impact by at least 15%, with the option of CERO geopolymer technology to reduce embodied carbon even further.

Utilising Kellen, designers can specify exceptionally low-carbon concrete paving without compromising on a premium natural stone aesthetic, technical performance, or long-term durability.



Breccia

100% natural stone surface in a premium 4-size coarse mix



Lavarò

75% natural stone aggregate with a slightly coarse surface



Liscio

Highly engineered ground surface on 100% natural stone aggregate



Lucida

A delicate rippled texture on a 100% natural stone aggregate



Perlano

Beautiful seashell and 75% natural stone aggregate



Sferio

100% natural stone aggregate layer, polished then shot-blasted

Each Kellen surface finish brings unique characteristics to any project

Up to 100% natural stone surface

Over 100 colour and texture combinations

Durable long-lasting surface layer is the thickest on the market

Precision-engineered

Sustainably manufactured

Splinter-free spacers

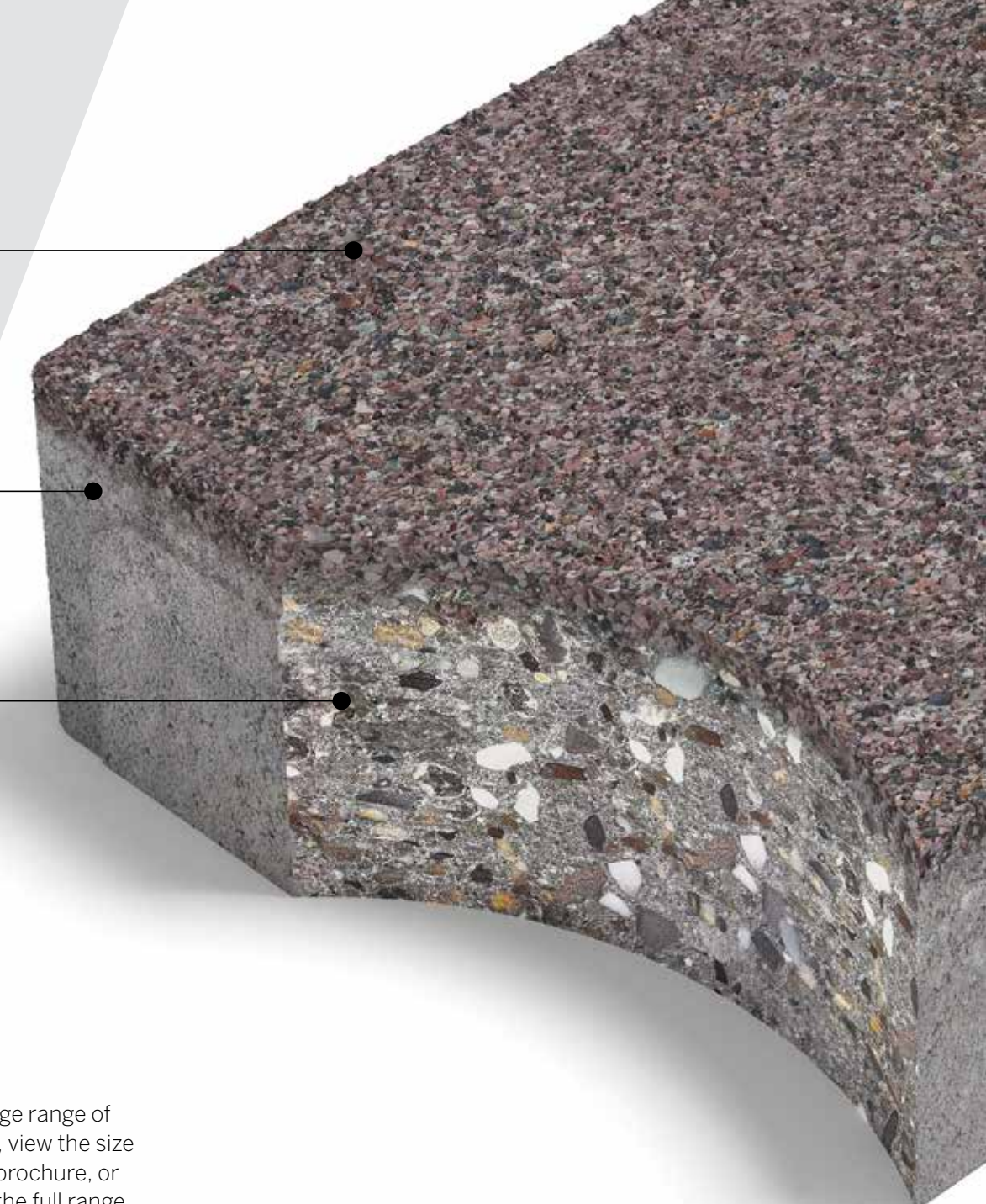
High strength concrete core

Utilises recycled raw materials

Low-carbon geopolymer option



Kellen is available in a huge range of paving block & flag sizes, view the size chart at the back of this brochure, or visit our website to view the full range.





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kellen  **CERO**

We're serious about low carbon

Kellen paving is available utilising CERO, geopolymer technology that delivers CO₂ from 7.3kg* per m², 50% lower than standard Kellen.

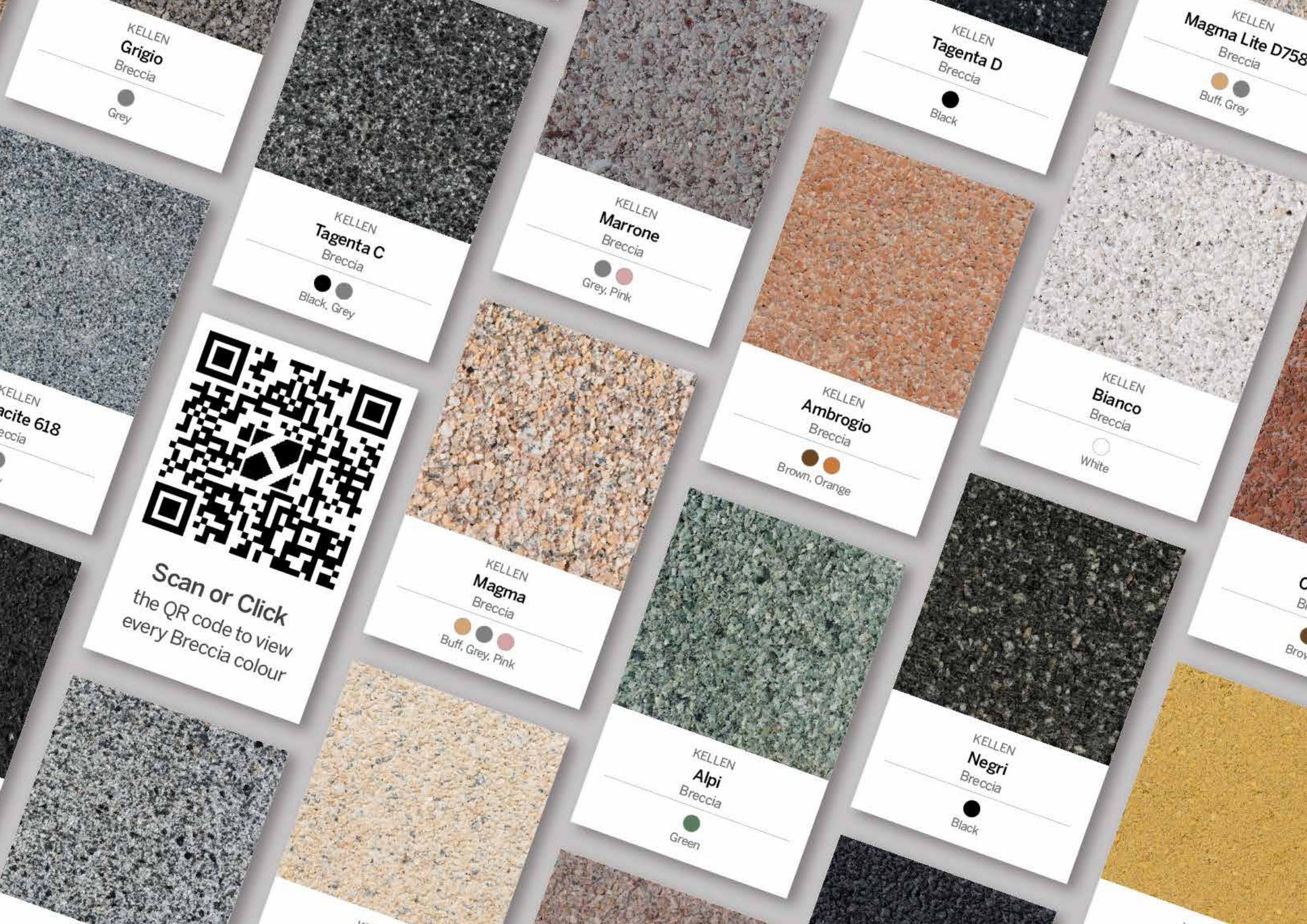
Hardscape are committed to Net Zero principles, and using Geopolymer Technology to replace cement as the binding agent, CERO can reduce CO₂ emissions by 70% over normal cement products, without compromising on strength or durability, while maintaining the aesthetic beauty of the Kellen range of finishes.

With a UK average of 30-34kg CO₂ /m² for 80mm thick concrete paving, compared to Lavarò CERO with a range of 9.4-13kg, the benefits are clear.

Globally, cement accounts for approximately 8% of all CO₂ emissions, and with more pressure than ever before to achieve Net ZERO on new projects, there's never been a better time to go CERO.

*based on Kellen CERO with a Lavarò finish at 62mm thickness.





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Breccia

100% natural stone surface in
a premium 4-size coarse mix

Breccia features a top layer of carefully selected
stone aggregates free from sand and pigments.
The four grain sizes of coarse aggregate make
it extremely durable with 100% natural stone
delivering a durable and fade resistant finish.

Key features

- 100% natural stone surface
- Colourfast, with no added pigments
- Four grain sizes of aggregate create a premium finish

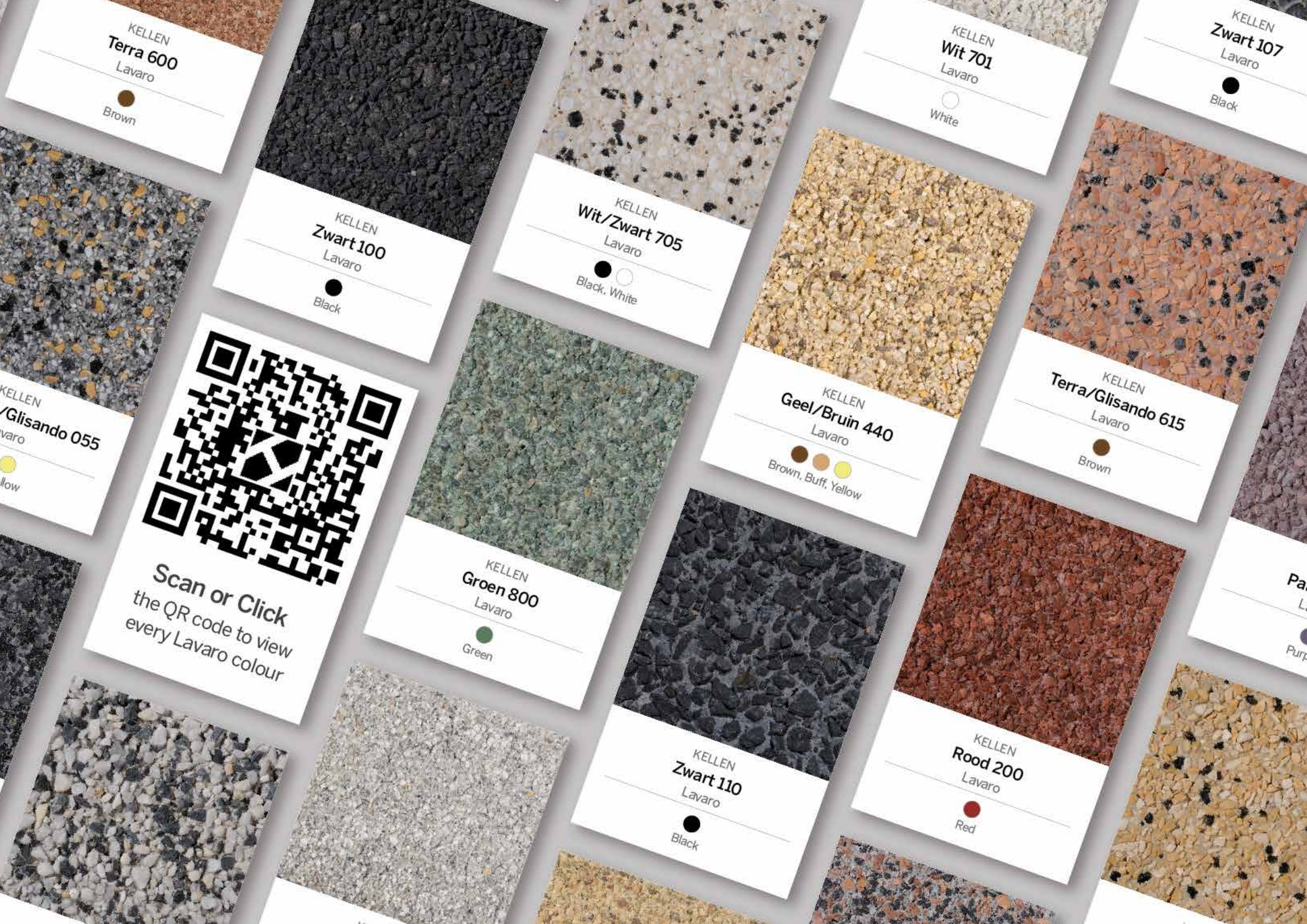
Available in

● Black ● Brown ● Buff ● Green ● Grey ● Orange ● Pink ● Red ● White ● Yellow



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Breccia





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Lavaro

75% natural stone aggregate
with a slightly coarse surface

In Lavaro, single grain size aggregates form 75% of the top layer, with UV pigment enhancing the colour of the remaining 25%, resulting in an economical solution available in a stunning range of colours, while retaining the beauty of natural stone.

Key features

- 75% natural stone surface
- Single aggregate grain size
- Economical

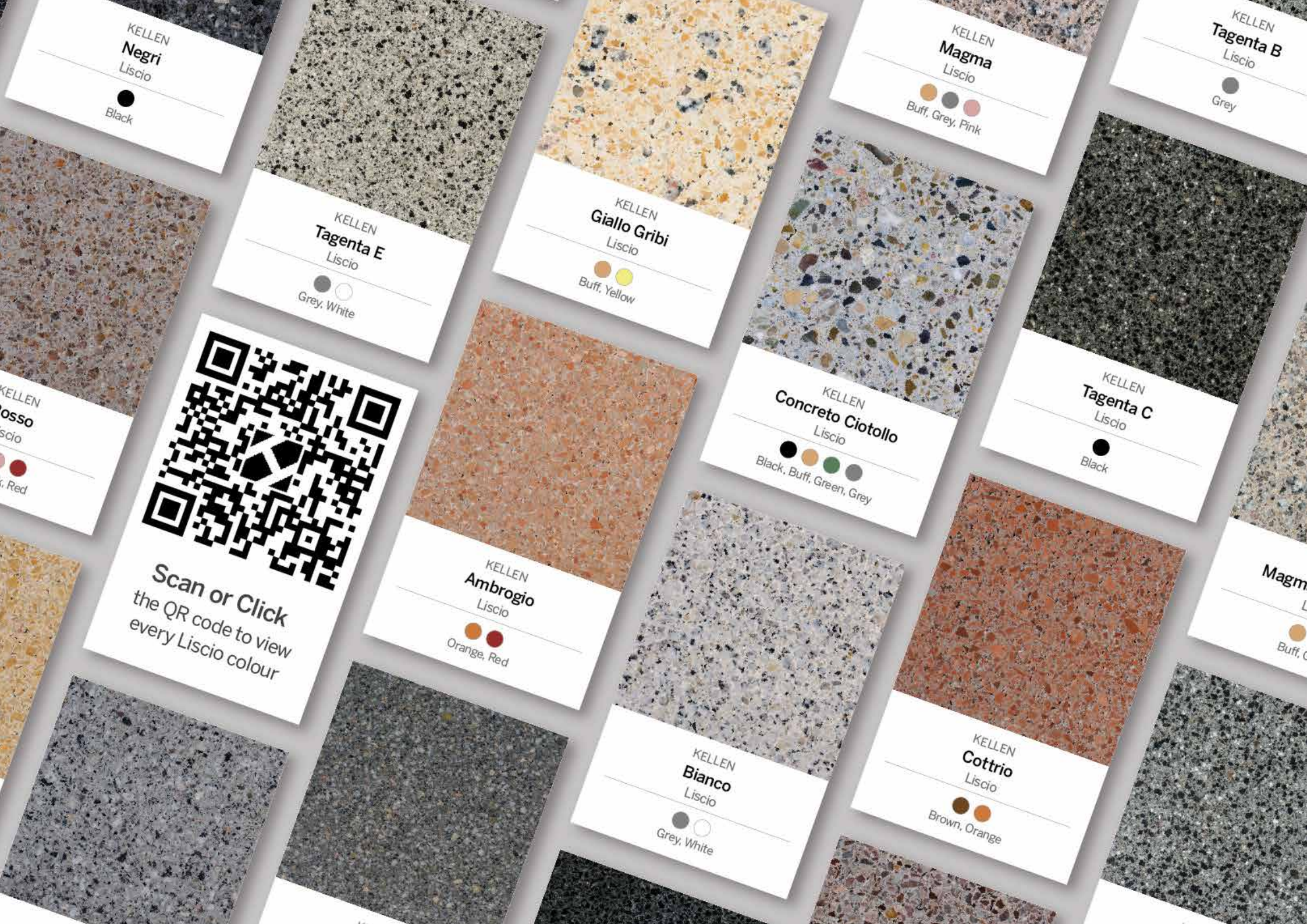
Available in

● Black ● Brown ● Buff ● Green ● Grey ● Purple ● Red ○ White ● Yellow



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Lavaro





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Liscio

Highly engineered ground surface
on 100% natural stone aggregate

Liscio utilises 100% natural stone with a premium ground finish that creates a beautiful sheen, offering both performance and style. Particularly effective when combined and contrasted with other Kellen finishes.

Key features

- 100% natural stone surface
- Colourfast, with no added pigments
- Four grain sizes of aggregate with a ground finish

Available in

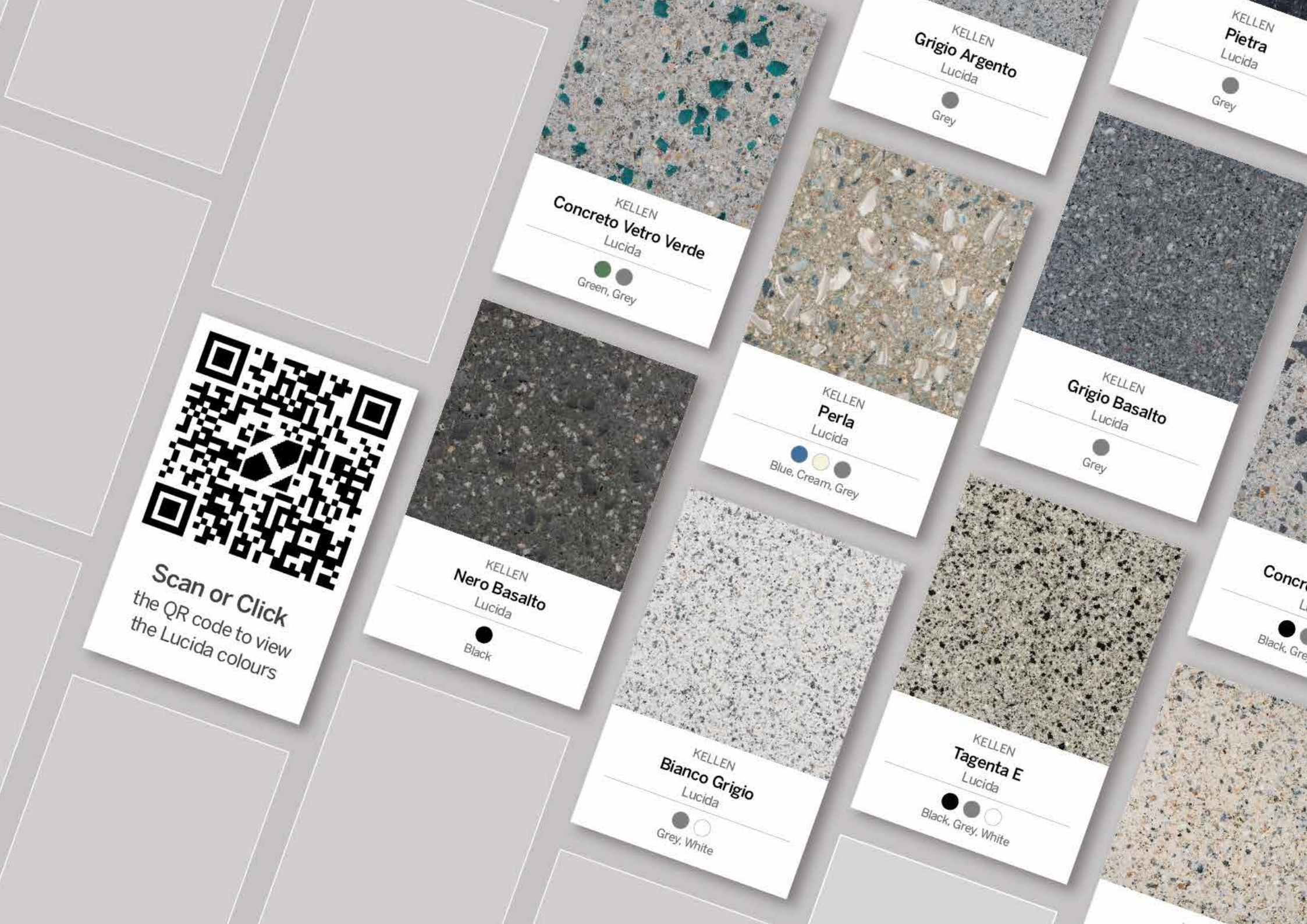
● Black ● Brown ● Buff ● Green ● Grey ● Orange ● Pink ● Red ○ White ● Yellow



längen

Liscio





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Lucida

A delicate rippled texture on a 100% natural stone aggregate

A unique brushing process enhances the natural stone aggregates and creates a refined, lightly textured finish. This subtle relief enhances slip resistance for pedestrians, making Lucida ideally suited for public realm applications.

Key features

- 100% natural stone surface
- Colourfast, with no added pigments
- Brushed finish for enhanced slip resistance

Available in

● Black ● Blue ● Buff ● Cream ● Green ● Grey ● White



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Lucida



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Perlano

Beautiful seashell and 75%
natural stone aggregate

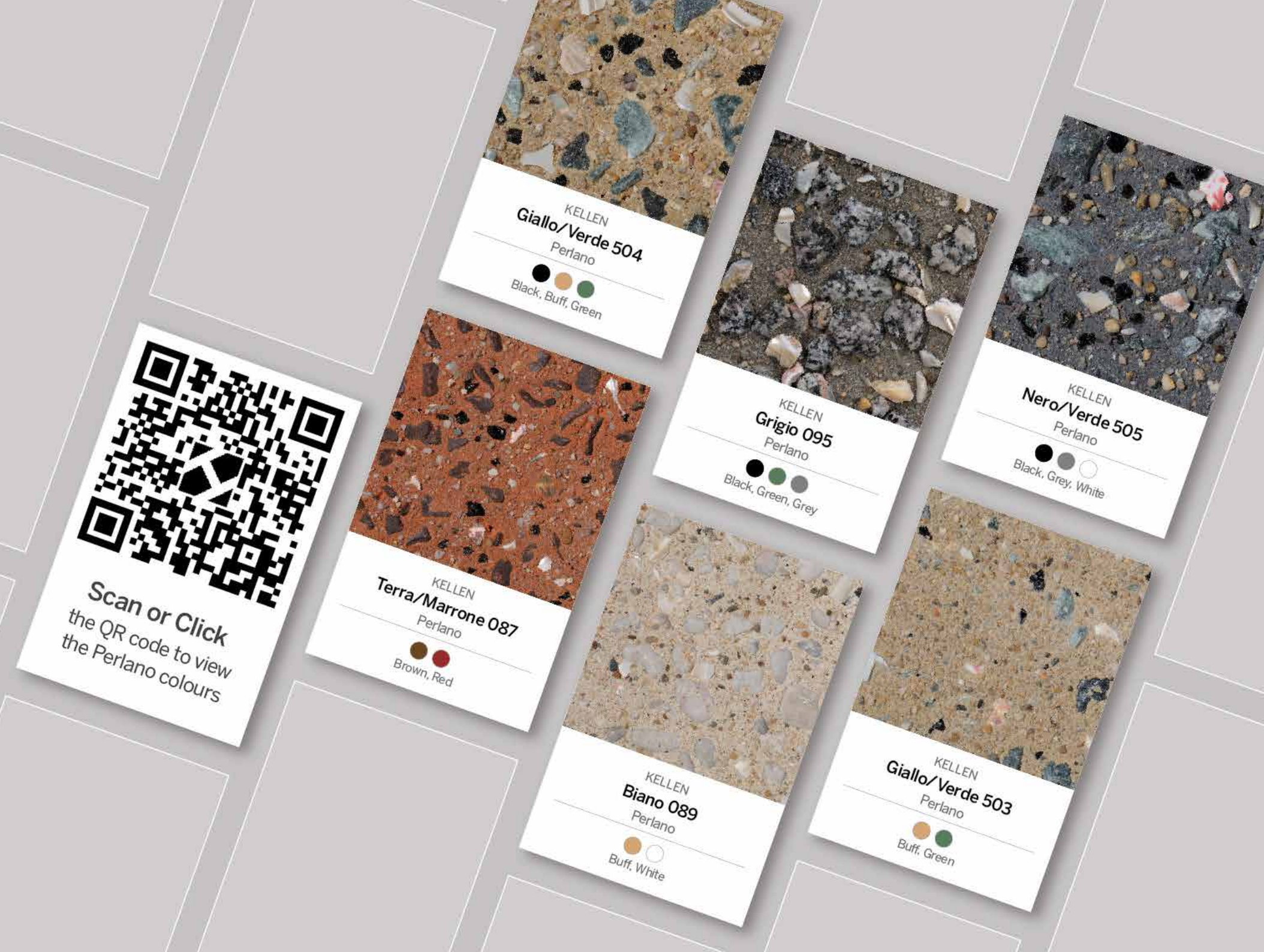
Perlano draws inspiration from the colours and textures of the rugged Dutch landscape, bonding seashells and coarse natural stone into a textured sandy finish. The shimmering mother-of-pearl adds depth and character, with an organic aesthetic ideal for green spaces.

Key features

- 75% natural stone surface
- Rugged, natural appearance
- Wear resistant

Available in

● Black ● Brown ● Buff ● Green ● Grey ● Red ○ White



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Sferio

100% natural stone aggregate layer,
polished then shot-blasted

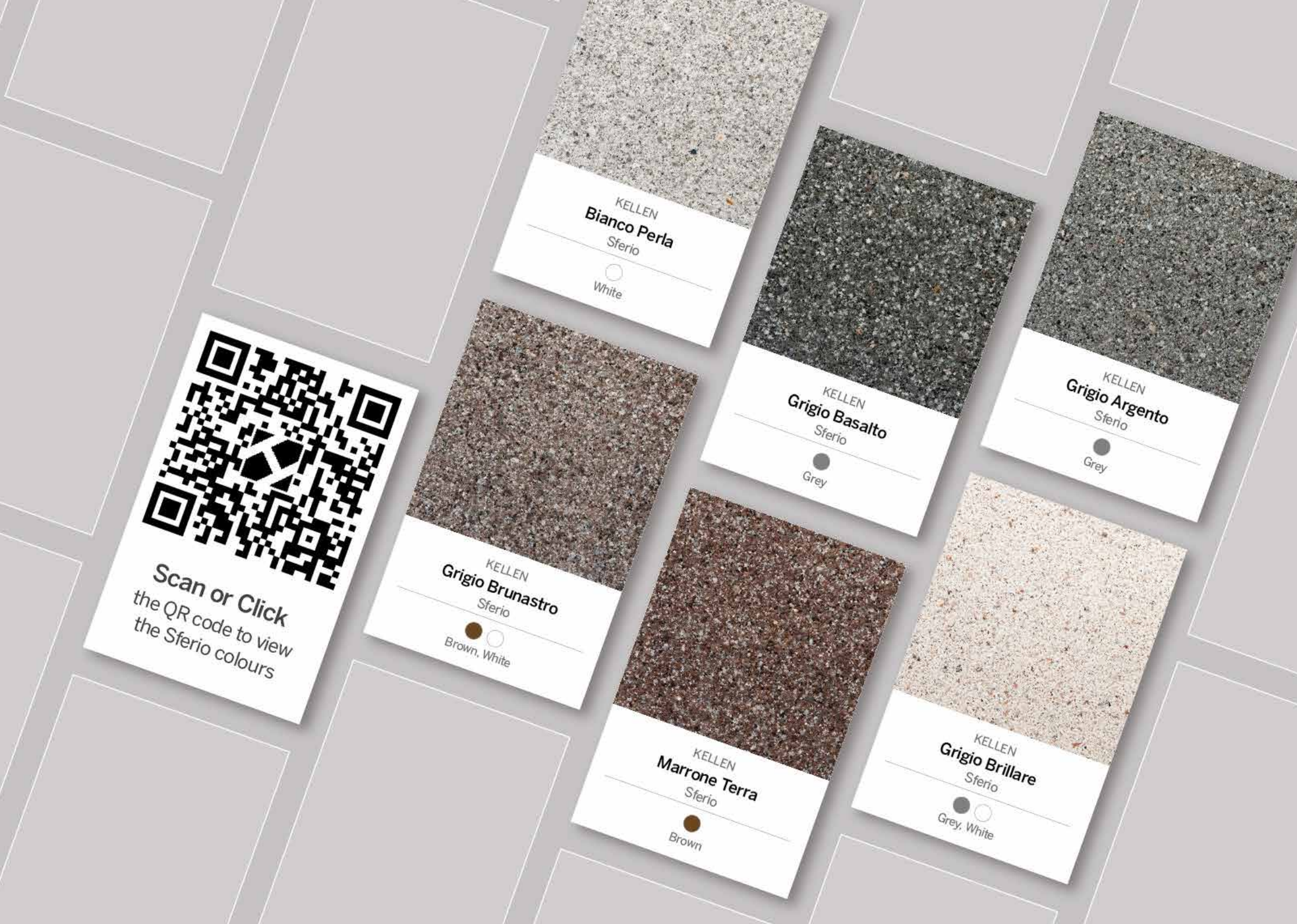
Sferio's 100% natural aggregate top layer features a unique shot-blasted finish created using fine stainless-steel pellets, for added slip resistance. Exceptionally durable, its dense structure resists dirt penetration, helping preserve its appearance over time.

Key features

- 100% natural stone surface
- Colourfast, with no added pigments
- Shot-blasted finish for enhanced slip resistance

Available in

● Brown ● Grey ○ White



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Sferio





Blocks 50/60/80

50x200

50x400

60x240

80x240

Blocks 69

69x105

69x210

Blocks 100

100x100

100x200

100x300

Blocks 105

105x105

105x210

105x315

105x420

210x210

Blocks 110

110x110

110x165

110x220

110x330

220x220

Blocks 150

150x150

150x200

150x300

150x400

150x450

150x600

Blocks 200

200x200

200x300

200x400

200x600

400x400

800x1000

Key

Thickness (mm)

62 80 100 120 148

Blocks 300

300x300

300x600

300x900

600x600

600x900

Blocks 500

500x500

500x700

500x1000

1000x1000

Blocks | Size Chart

Bishops Hat, Twills & L-shapes are available to match the core sizes shown here



Flags 200

200x200

Duo 200x200

200x500

Flags 400

400x400

200x400

400x600

Flags 300

300x300

150x300

Duo 150x300

Flags 500

500x500

Key

Thickness (mm)

45 50 60 70 80 120 140 160 180

Double XL

Sizes shown representing the standard, aesthetic, sport and liquid tight ranges.

1800x1800

1990x1990

1995x1995

1800x1500

1990x1490

1995x1495

1800x900

1990x990

1995x995

1800x1200

Flags & Slabs | Size Chart

Bishops Hat, Choc-Block and more are available alongside the core sizes shown here



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