



loqa





loqa | โลก้า
means earth (n.)

'rooted in earth
made for earth'

about us

loqa is a circular material design studio, dedicated to transforming industrial waste into meaningful materials for architecture, interiors, and design. With over 45 years of combined expertise in brickmaking and refractory materials, loqa merges craftsmanship with innovation to redefine how materials are made and valued.

Working at the intersection of design and sustainability, loqa repurposes 80–95% recycled waste; including ceramics, glass, and industrial debris into new forms such as tiles, bricks, and casting objects. Each piece embodies a unique texture and color narrative, celebrating imperfection and authenticity while reducing environmental impact.

We are committed to create aesthetically pleasing circular tiles and bricks that are environmentally impactful, aiming to support architects, designers, developers, and creative individuals.



80-95% recycled content

Among the highest percentages successfully produced and available in the market.

Designed to support the circular economy, our materials can be recycled again and again.

low impact production

Through efficient processes, low-impact firing, and our non-firing series

custom solutions

With deep know-how in refractory and brick manufacturing, our family-owned factory combines craftsmanship and technical precision - allowing us to provide custom services for bespoke designs.

45+ years of expertise

Enabling designers and brands to express unique identities through bespoke surfaces, shapes, and finishes.

unique textures & color palette

Crafted from recycled inputs, each batch carries natural variations in tone, texture, and finish, celebrating imperfection and individuality.

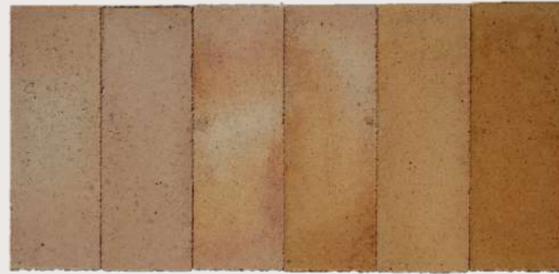
how we contribute



product portfolio

circular tiles

fired



unfired



glazed



circular bricks

standard
shapes



special
shapes



circular cast objects



bespoke services

*Opening up opportunities for designers
and brands to express their unique
identity through the surface of our
circular materials.*

*Design can be joyful and planet-friendly
at the same time.*

fired | unfired
circular tiles

fired circular tiles

fired vs. unfired

fired tiles are made from **at least 80%** industrial waste derived from **ceramics, glass**. they have similar properties to normal tiles, but are **stronger by 111%** which means they last longer and use **very little water intake** in production.

our tiles are manufactured by **low impact firing process**, producing **15% less energy consumption** in the process. at the end of our product's life cycle, it **can then be upcycled again and again**.

process – low impact firing process

4 colour tones



thickness – 2cm

at least 85% of upcycled waste
upcycling waste - **27 – 29.5 kg / sqm**

application - Interior wall, exterior wall, facades, furniture

**they can be applied using the same standard methods for tile installation*

unfired circular tiles

fired vs. unfired

unfired tiles are made from **over 85%** industrial waste derived from **ceramics, glass and fly ash**. Our tiles have similar properties to normal tiles, but are **stronger by 106%** which means they **last longer and use very little water intake** in production.

they are manufactured by **chemical bonding** rather than traditional firing, producing **significantly less carbon dioxide** in the process. At the end of our product's life cycle, it **can then be upcycled again and again**.

process – non-toxic chemical bonding

20+ colour tones



thickness – 1.5cm

88-93.5% of upcycled waste
upcycling waste - **37.18 - 39.5 kg / sqm**

application - Interior wall, facades, furniture

**they can be applied using the same standard methods for tile installation*

**fired
circular
tiles**

fired circular tiles



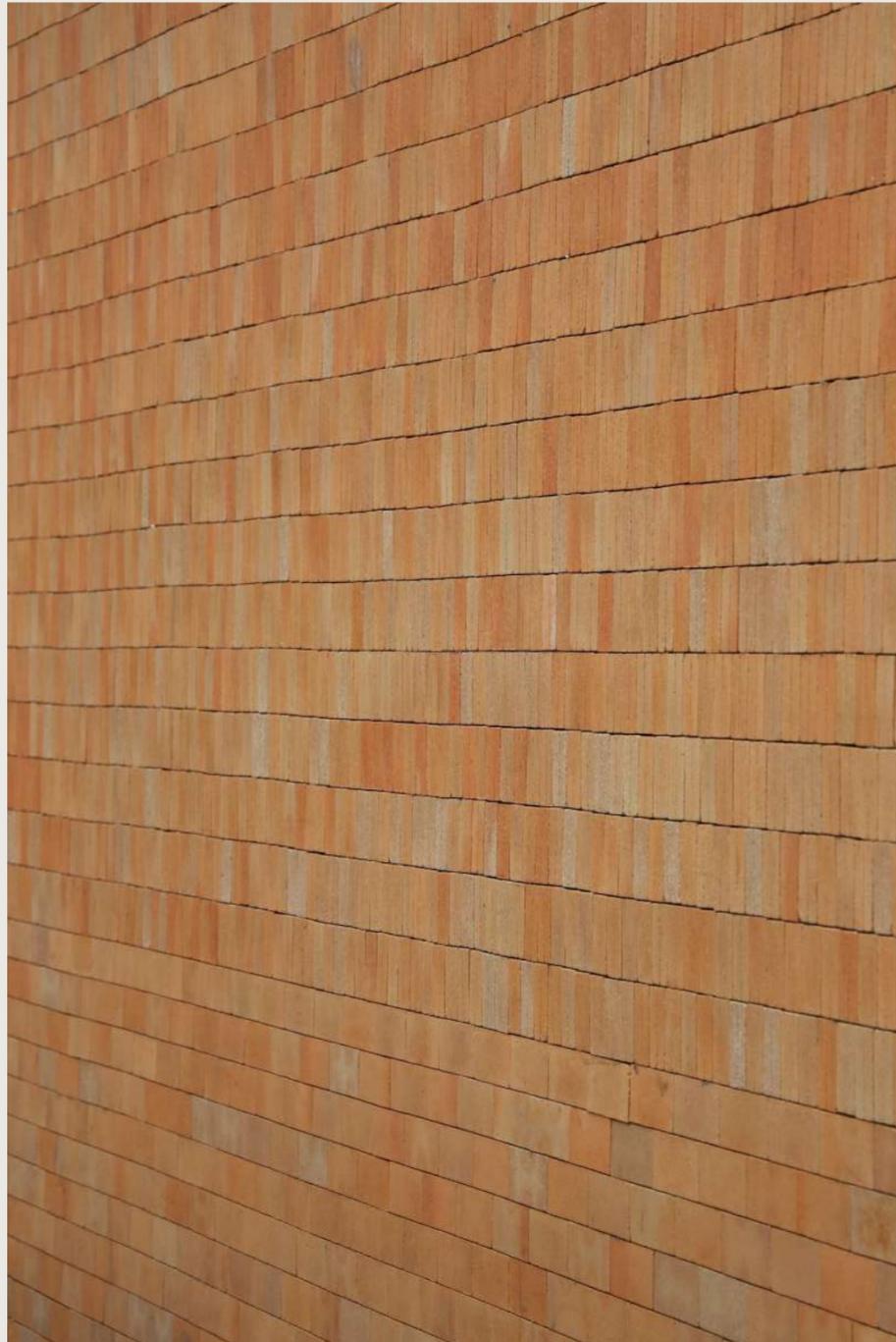
Fired tiles are made from **at least 80%** industrial waste derived from **ceramics, glass**. They have similar properties to normal tiles, but are **stronger by 111%** which means they last longer and use **very little water intake** in production.

Our tiles are manufactured by **low impact firing process**, producing **15% less energy consumption** in the process. At the end of our product's life cycle, it can then be **upcycled again and again**.



80-85% of upcycled waste | Upcycling Waste - 27 – 29.5 kg / sqm

fired circular tiles



inner core



beige

mantle



burnt orange

crust



brownish green

upper mantle



burnt red

earth's crust inspired colours

For tiles fired in a single color, both lighter and darker shades will emerge naturally within each firing cycle due to variations in the process.

fired circular tiles - examples

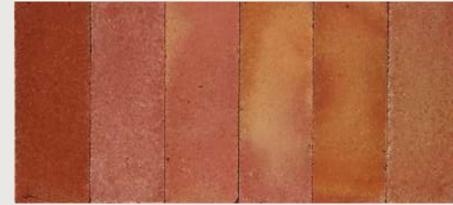
inner core



crust



mantle



upper mantle



For tiles fired in a single color, both lighter and darker shades will emerge naturally within each firing cycle due to variations in the process.

**unfired
circular
tiles**

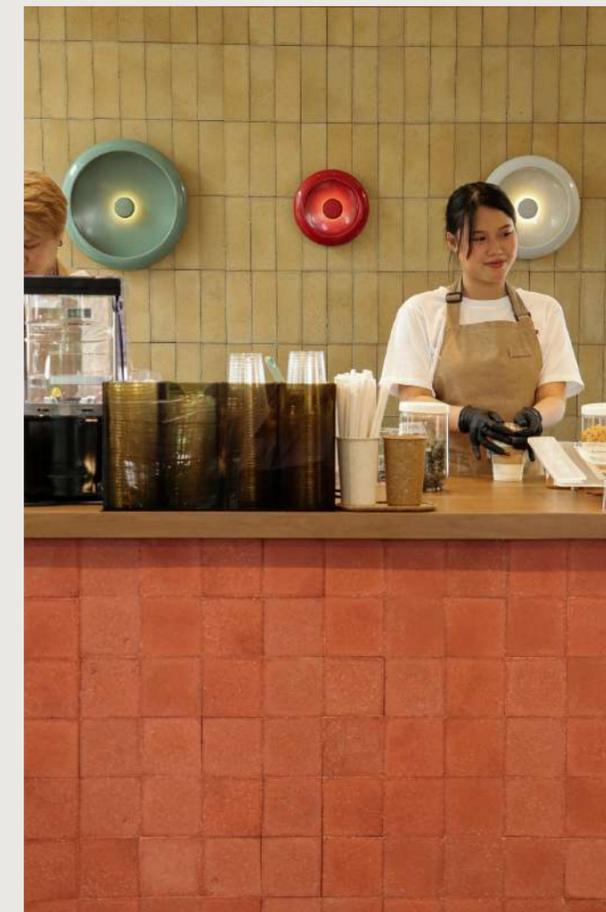
unfired circular tiles

Unburnt tiles are made from **over 85%** industrial waste derived from **ceramics, glass and fly ash**. Our tiles have similar properties to normal tiles, but are **stronger by 82%** which means they **last longer and use very little water intake** in production.

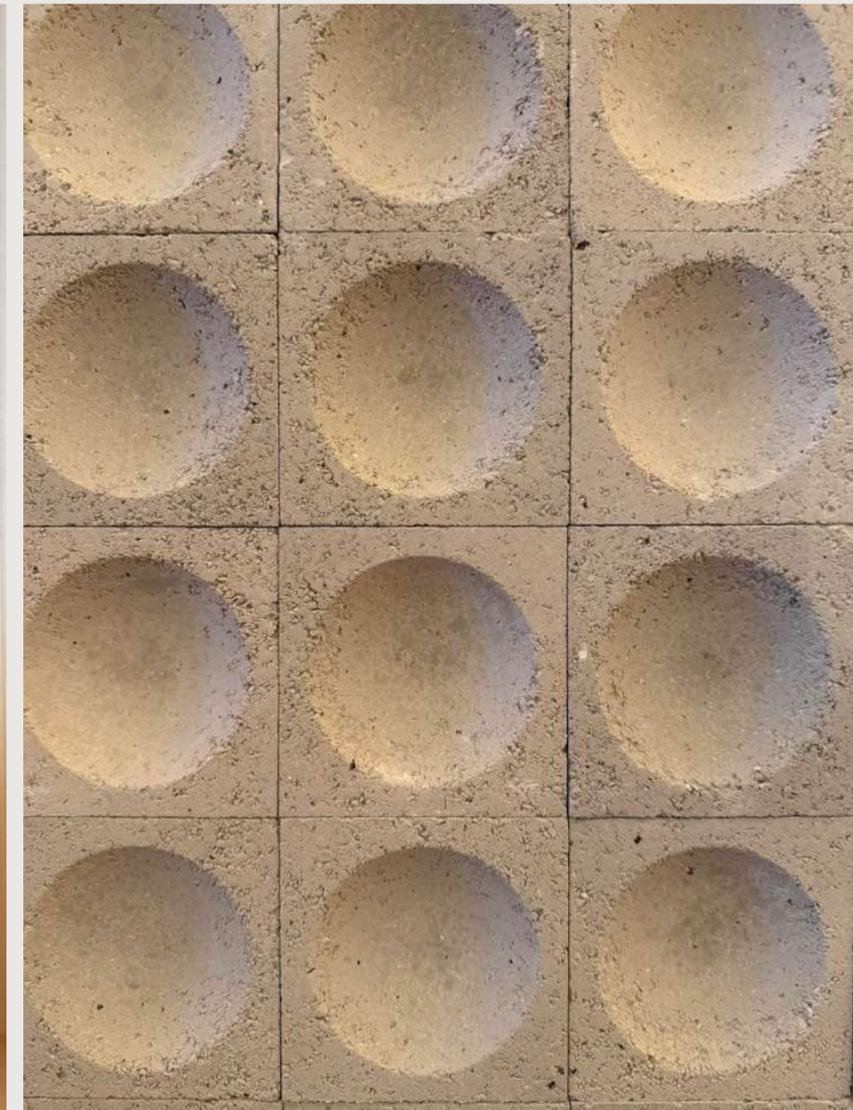
They are manufactured by **chemical bonding** rather than traditional firing, producing **significantly less carbon dioxide** in the process. At the end of our product's life cycle, it **can then be upcycled again and again**.



Upcycling Waste –
37.18 - 39.5 kg / sqm



unfired circular tiles



unfired circular tiles



B1
sky blue



B3
ocean blue



GEO5
arctic blue



FG5
deep sea green



G3
olive green



G7
sage green



Y5
oat yellow



SY2
sand yellow



SY3
darker sand yellow



P1
salmon pink



P5
brownish pink



OR1
light ochre



GEO8
orange ochre



P4
brighter canyon red



RED7
dark brownish red



BN5
bark brown



BN8
reddish brown



J8
greyish purple



W1
cool grey



W2
limestone grey



W3
lava grey



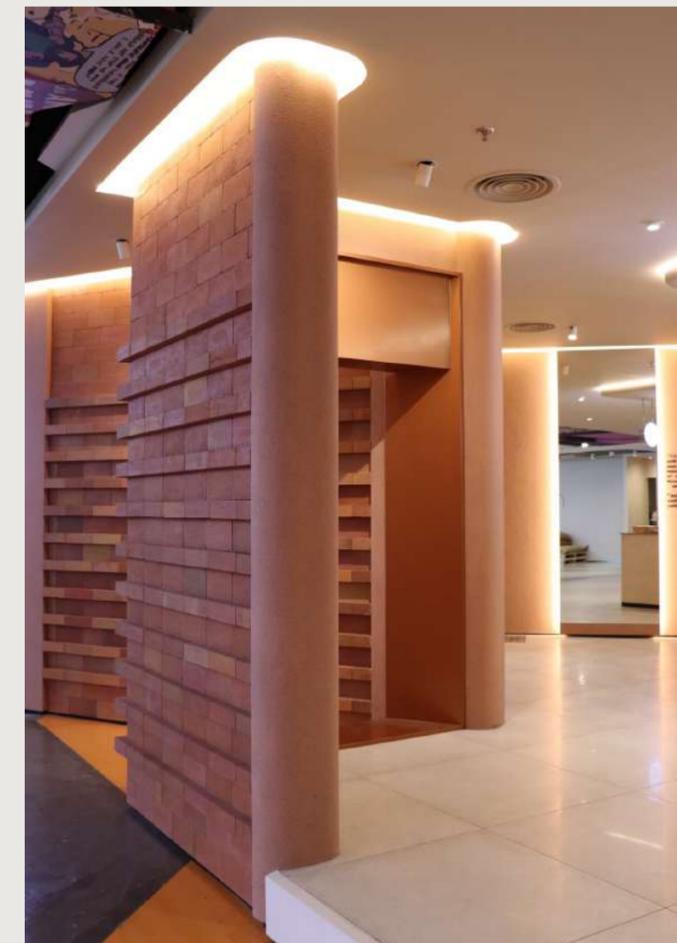
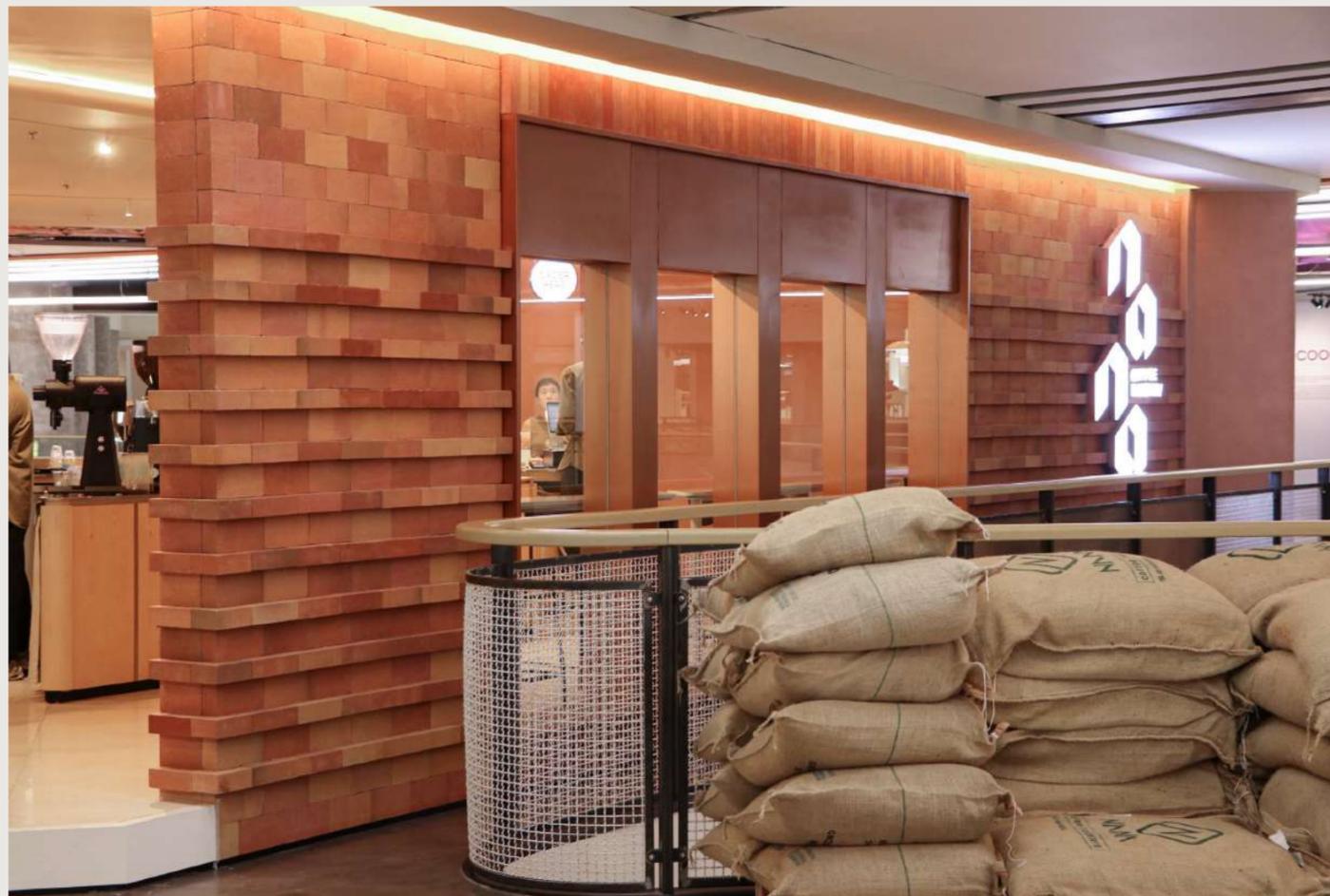
W4
space black

22 colour tones

**colours may vary due to the materials, temperature and other variations.*

**circular
bricks**

fired circular bricks



nana coffee roasters
upcycled waste - 1,762 kg

unfired circular bricks



HOMELAND
colour: B1 Sky Blue



**special
designs**



moonbow

dimension

140mm x 80mm
thickness 2 - 5 cm

process - unfired

upcycling waste

27 – 49 kg / Sqm

application

Interior wall, exterior wall,
facades, furniture



sand timer bricks

dimension

135mm x 140mm x 45mm

process - fired / unfired

upcycling waste

84.86 kg / sqm

application

Interior wall, exterior wall,
facades, furniture

**special
designs**

bespoke designs



moonbow



sand timer



embossed / debossed tiles



special designs

**textured
tiles**



process - fired
percentage of waste - 80-85%

convex terrain tiles 1020



dimension

100mm x 200mm x 60mm

weight – 2.22 kg

concave terrain tiles 1015



dimension

100mm x 150mm x 40mm

weight – 0.87 kg

concave terrain tiles 0620



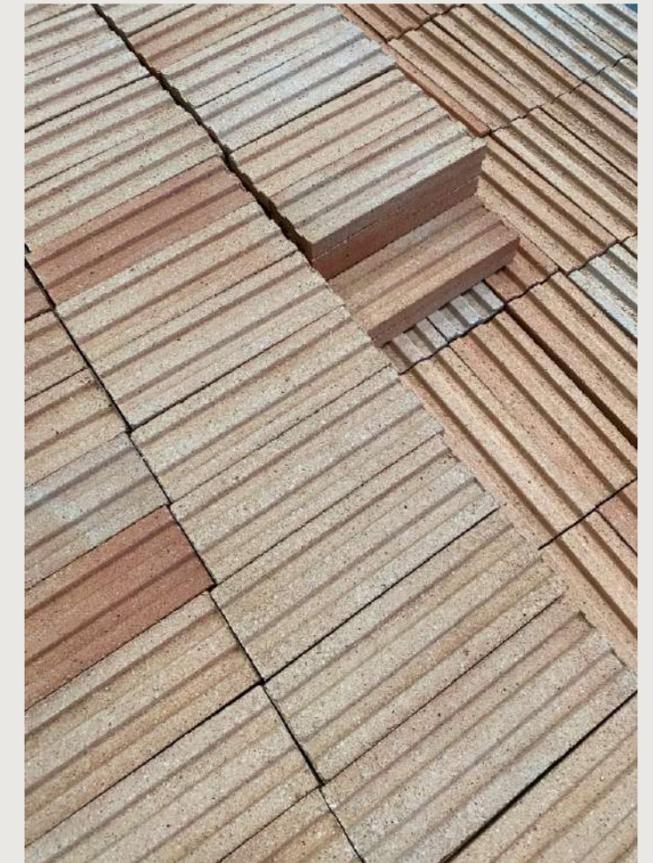
dimension

60mm x 200mm x 25mm

weight – 0.49 kg

textured tiles

linear flow tiles 01

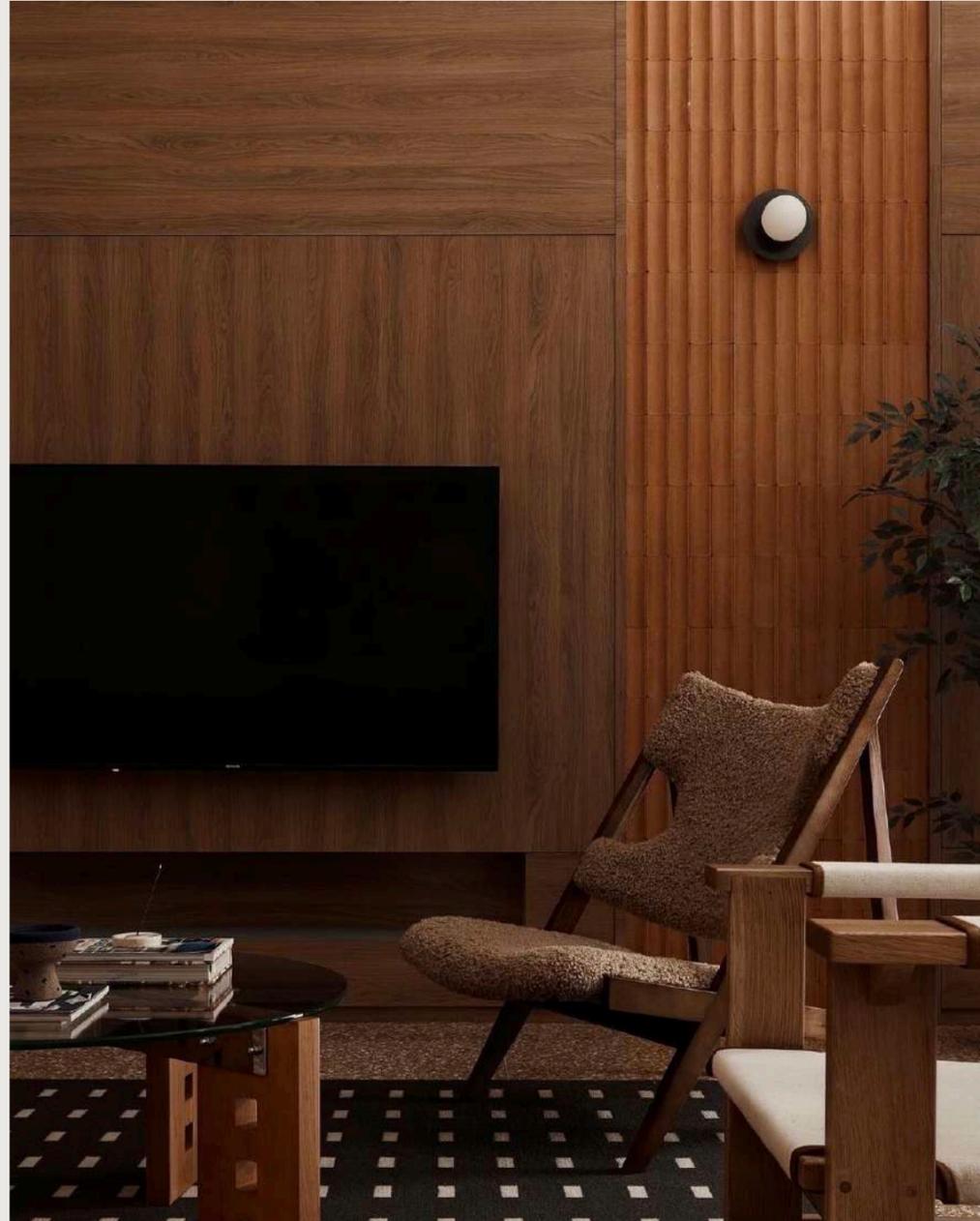


dimension

75mm x 215mm x 20mm

weight – 0.62 kg

concave terrain tiles 0620



linear flow tiles 01



textured tiles



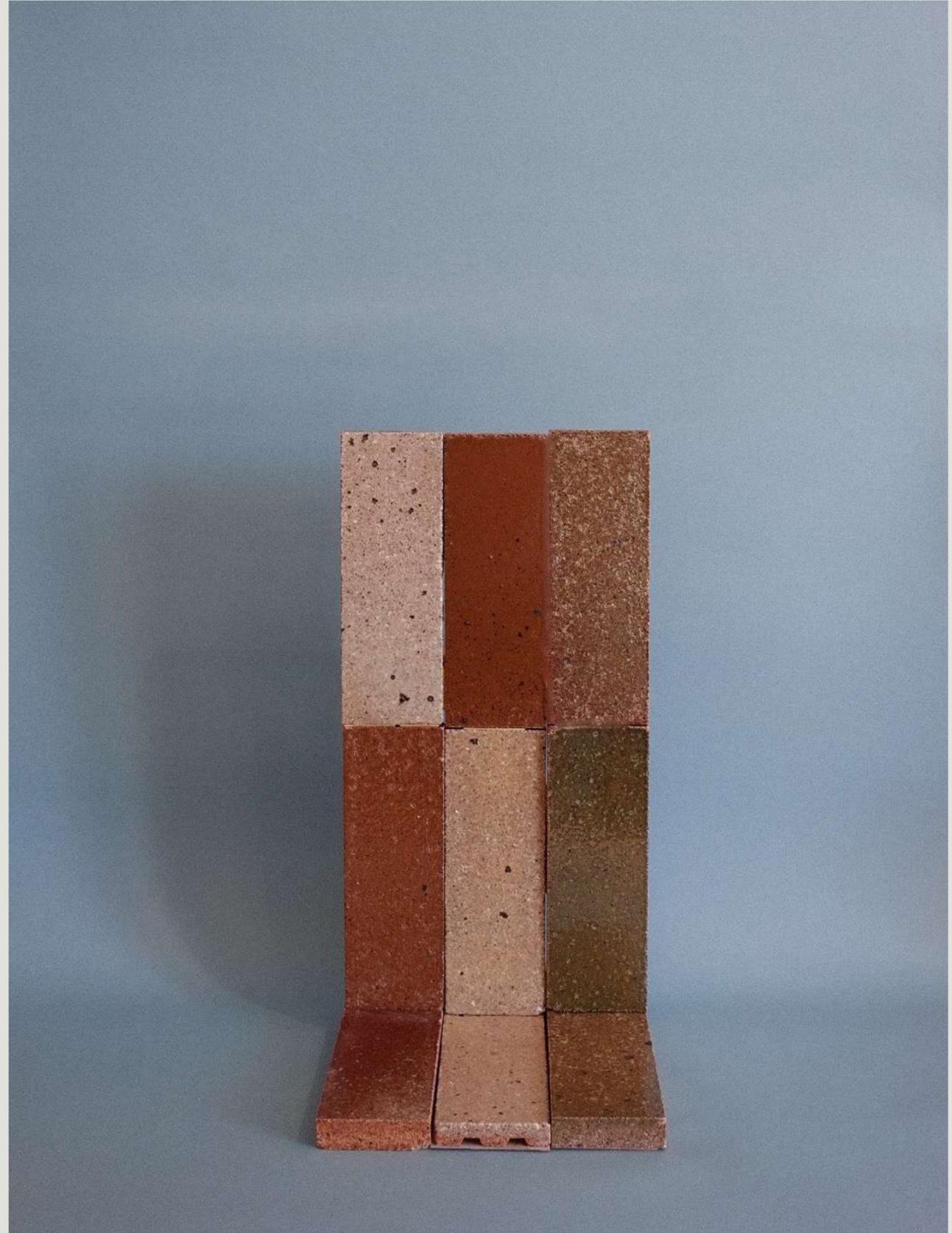
new products

glazed circular tiles



circular glazed tiles

After years in development, the Loqa team is thrilled to introduce the Circular Glazed Tiles Collection—glazed tiles that offer a glossy finish while preserving the raw, textured character reminiscent of stone surfaces, tree bark, and bird eggs. Each tile features tiny specks of waste material scattered across the surface and within the body, creating a natural, organic character unique to every piece.





plover egg



tree gum



red coral



lichen



sandstone



lava rock

glazed tiles



100 x 100 x 20 mm



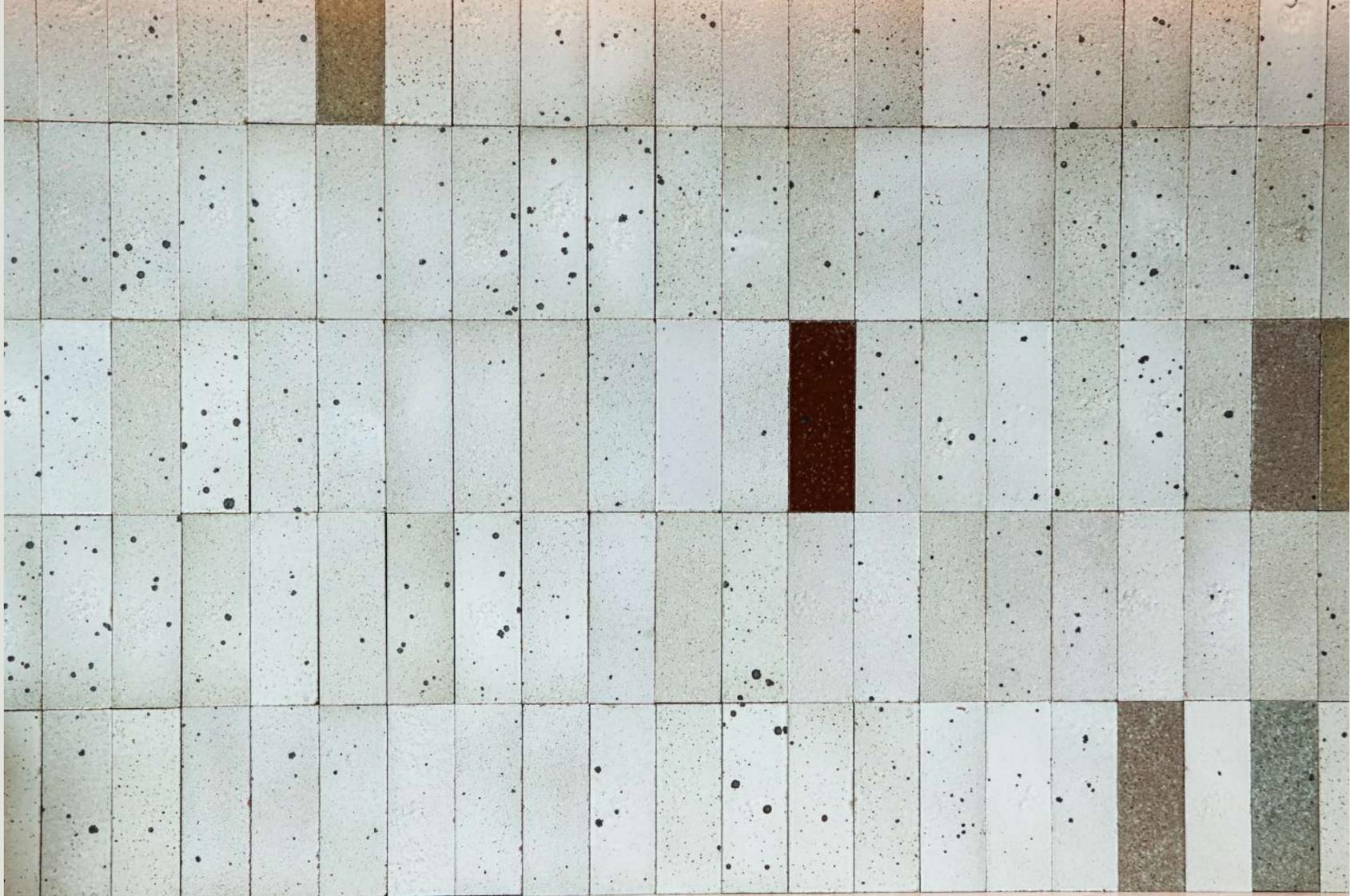
215 x 75 x 20 mm



215 x 37.5 x 20 mm

Kindly note that variations in color and texture are inherent to each tile, reflecting its unique character.

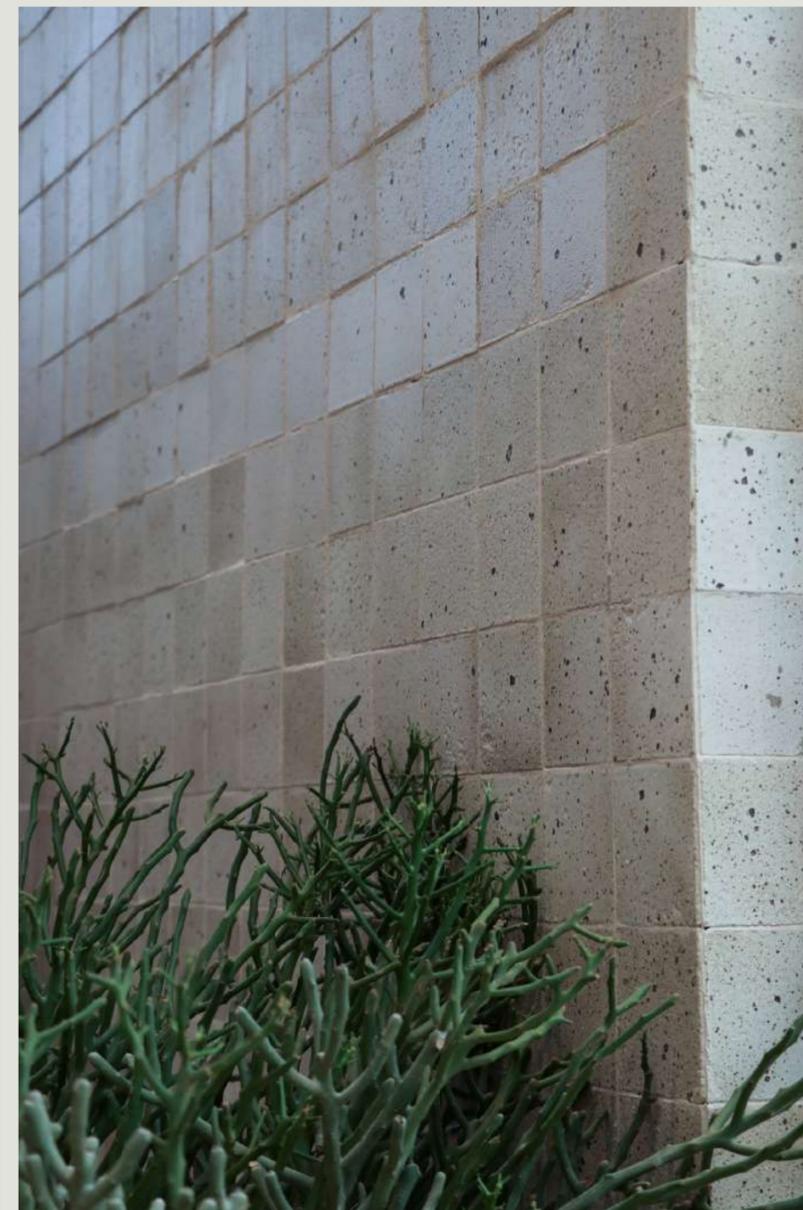
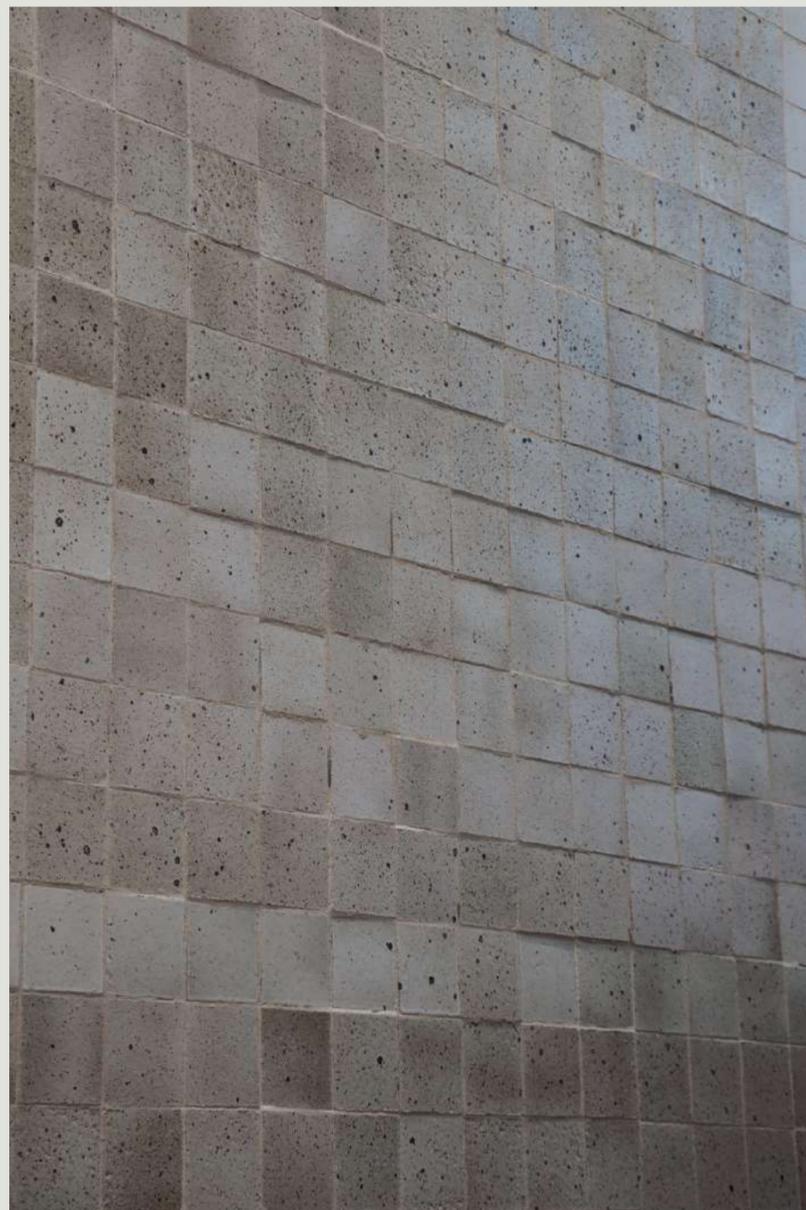
residential project – Tait Sathorn 12



In this project, our glazed tiles make their debut, predominantly in the soft, speckled white shade of **Plover Egg**. These tiles adorn the walls of the living room, behind the sofa and TV, as well as select areas in the kitchen. When viewed as a whole, the **speckled details** come alive, highlighting the craft, natural color variation, and textured charm that make each tile distinctive and full of character.



KAO PIAK SEN – Ekkamai Corner



This wall almost feels like it's glazed with bird eggshells, doesn't it? Glazed Circular Tiles in **Plover Egg**—white with soft grey and light brown undertones, scattered with fine speckles—feature a subtly textured surface. Each tile varies in shade and texture, and together they bring this accent wall to life. The rhythm feels organic yet cohesive, like a nest arranged by instinct. The overall atmosphere is calm, warm, and uniquely captivating.



ARVIE is getting wrapped in our 'Red Coral' glazed circular tiles: rich tones, soft fades, and that one-of-a-kind semi-gloss finish that makes every piece a little different. Bold, unique, full of personality.

A KEEN HOUSE – One Bangkok



A KEEN HOUSE brings a relaxed yet refined vibe, blending contemporary design with a touch of tribal and artisanal charm. **Lava black and sandstone** glazed tiles, arranged in bold vertical stripes around counters and pillars, add a handcrafted, earthy feel. Paired with textured beige walls, minimalist furniture, and soft greenery, the space feels warm, inviting, and effortlessly understated.



tree gum, sandstone, and plover egg



sandstone



Circular Glazed tiles in Tree Gum, Sandstone, and Finch Egg. A grounded palette for gentle compositions and thoughtful pattern play.

the lichen wall



Our **glazed tiles in lichen** tones draw directly from the hues of wild lichens - earthy greens, browns, blacks, and grays, shaped by their unique symbiotic nature and the pigments within their tissues.



2023

2024

2025



Jury Winner in the 'Sustainable Design' category.

(New York, USA)



Winner in the Product Design/Eco Design category.

(Paris, France)



Winner in the Product Design Hardware and Building category.

(Sydney, Australia)

design + sustainability awards

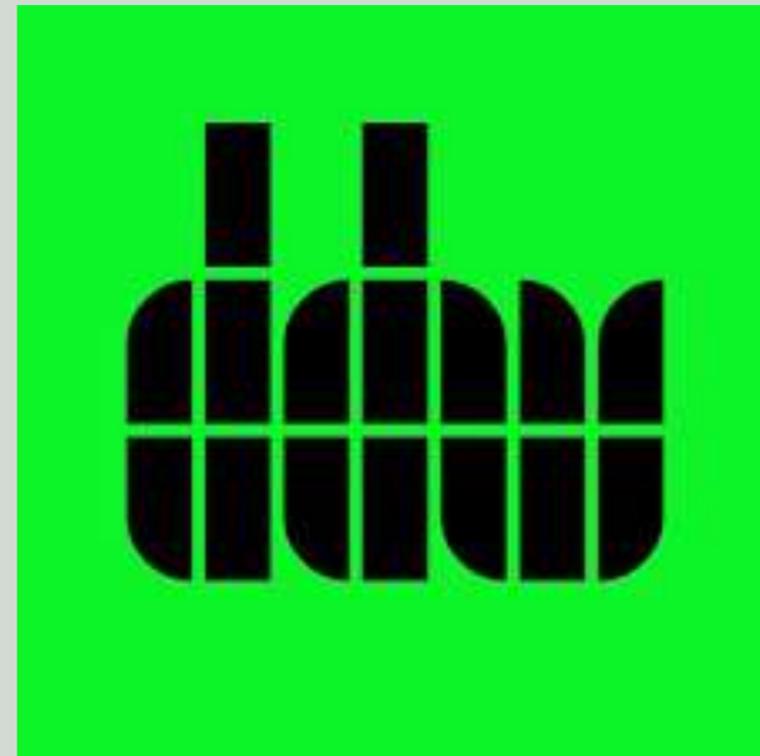
2025

exhibitions



'loqa' will be participating in the upcoming **Space Design Fair 2025**, taking place from May 28 to 31 at **COEX, Seoul**.

As one of **Korea's** key design events, the fair brings together global creatives to explore innovation in interior, architecture, and lifestyle.



loqa will be part of **Dutch Design Week 2025**, held from **October 18 to 26** in **Eindhoven, the Netherlands**.

As Northern Europe's largest design event, DDW brings together innovative voices from across disciplines to explore how design can drive meaningful change.



loqa was showcased at **Bangkok Design Week 2025**, which took place from January 25 to February 2 across Bangkok's creative districts.

As one of Southeast Asia's leading design festivals, the event gathered designers, innovators, and changemakers to explore creative solutions for better urban living.

2024

exhibitions



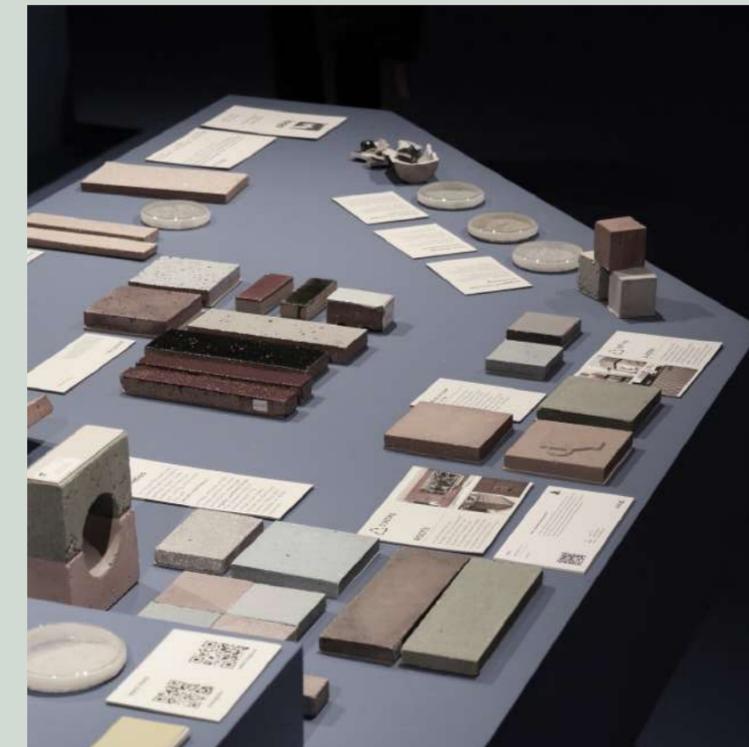
loqa has been invited to present our Unfired Circular Tile at the **ELEMENTE materialForum in Berlin**, from 17-23 April 2024.

This year's exhibition, themed *"ACOUSTIC, VISUALITY, AND HAPTICS: Sustainable Forms, Colors, and Textures,"* highlights innovative and sustainable architectural materials.



We had an inspiring time showcasing our circular materials at Singapore Design Week 2024 (26 Sept – 6 Oct).

Centered around "People of Design," the event celebrated creativity and sustainability — and we were honored to be part of it.



We were delighted to participate in **Milan Design Week 2024**, where we showcased our journey with circular materials under the brand 'loqa' from April 15-21.

It was an opportunity for us to share our commitment to sustainable design with professionals across various design fields.

2023

exhibitions



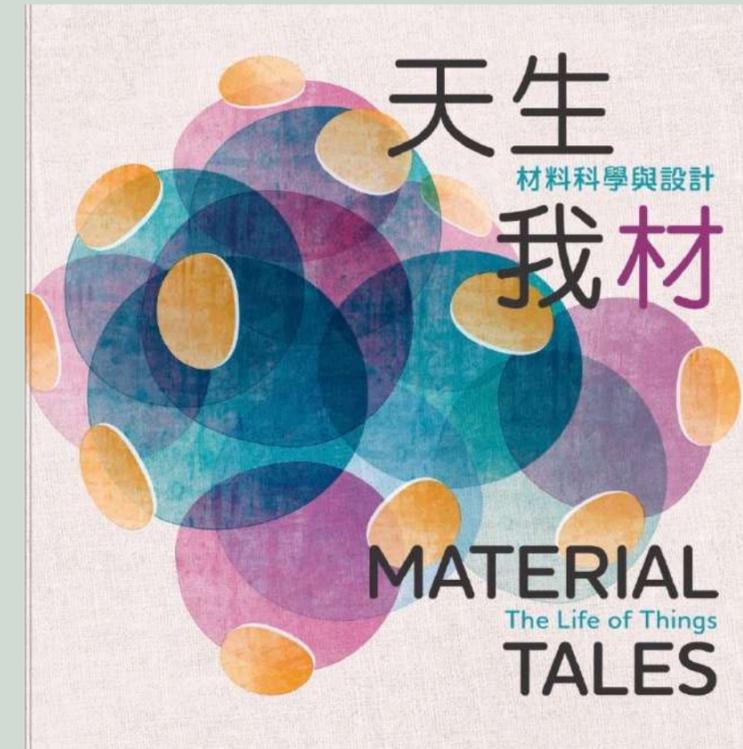
We are invited to showcase our samples in London, they were featured at **Sheppard Robson 'Green Week'** from October 9th to 13th 2023.

Proud to contribute to their 9th year of promoting sustainability through informative and inspiring events.



FIND design fair Asia in Singapore

we are selected to showcase our products in the Asia's leading furniture, interiors & design event, 21-23 Sep 2023.



Our materials were showcased at the Material Tales Exhibition in partnership with the Design Museum London, held in Hong Kong in May 2023.

we are the member of





goals

To further optimize our sustainable practices, we are now working on creating beautiful, unique building materials that are made from 100% waste materials, produced through the use of renewable energy, and decreasing negative carbon impact on our planet.



designing out waste!