

A New Standard in Sustainable Surfaces



Introducing **Low Carbon Industrial (LCI)**, an innovative materials company which builds on the pioneering work of timber terrazzo surface brand Foresso. LCI is a new initiative from Co-Founders Jake Solomon and Conor Taylor, who are on a mission to radically reduce the carbon footprint of architectural materials without compromising on performance, aesthetics, or practicality. Their next chapter begins with the evolution of Foresso and a bold step forward to reshape the future of interior architecture. Based on design-led solution thinking, LCI aims to create beautiful, thoughtful, and honest low-carbon alternatives to the materials widely used by the industry. This September, LCI launches its debut product, Elenite, a forward-thinking solid surface that is inspired by nature, led by design and driven by technology.

Developed by LCI, Elenite is a premium surface that delivers performance on par with leading competitors, while significantly lowering embedded carbon and is made with post-industrial waste. Elenite cuts embedded carbon by 29%, and future batches are already in development to increase that reduction to 50%. Created in partnership with Taiwan-based manufacturing specialists, Meganite, who share a like-minded approach to sustainability, processes and quality. Together, the brands combine their unique strengths to produce a surface with character and conscience.

Key components:

- Natural waste materials, including walnut shell, walnut dust, and bamboo fibre
- Natural pigments, milled in-house for deep, non-translucent colour and tactile warmth
- No silica, no formaldehyde, and no water are used during manufacturing
- Circular production process: any waste is recycled back into a new product
- End-of-life returns are encouraged for complete recycling into future Elenite batches
- Powered by on-site solar energy and made in a facility that prioritises low-impact operations

Elenite brings visual richness and material character into solid surfaces, engineered with the needs of architects, designers, and fabricators in mind. Its high-pigment palette and matte finish create a depth of tone made to be seen and touched. The result is a solid, warm finish, distinct from the typical translucent look of legacy surfaces, suited to worktops and splashbacks.



Elenite Buckland Brown and Dawson Black.

Available in a carefully honed palette of four gentle colour ways, Dawson Black, Ashbee Beige, Buckland Brown, and Ruskin White, which take reference from stone, clay, and cool earth. A highly practical choice for kitchen work surfaces and splash backs, tabletops or furniture, Elenite offers stain-resistance, durability, and ease of fabrication. It is built to meet the needs of high specification environments while reducing lifecycle impact, and is designed to support restorative environments.

Certified to meet Greenguard Gold, REACH, and verified recycled content standards, Elenite meets the most stringent health and sustainability requirements across global building sectors. LCI engages with global supply chains, their waste streams, and industrial-scale manufacturing. With a growing portfolio of innovative products, LCI stands for beautiful and inspirational materials that are defined by their manufacturing processes and the materials use.



Low Carbon Industrial / Meganite Factory, Taiwan

A New Chapter in Material Innovation

Co-founder Conor Taylor notes: “With Foresso, we learned just how much the design community values tactility, storytelling, and sustainability when it’s done right - it’s all woven into the fabric of the brand, rather than trying to shoehorn environmental credentials into an existing manufacturing setup. LCI is our next step: building the materials we wish existed, with a clear carbon agenda and a belief that the future of interiors is circular. Together, we’ve built something different. Not only are we doing things differently, but our customers are doing so too. They’re helping to shape a future where lower CO2 is the norm. We’re proving that beauty, performance and environmental intelligence can come as standard.”

Jake Solomon adds, “Elenite doesn’t ask specifiers to compromise. It’s lower carbon than alternatives by default, but it’s also durable, fabricator-friendly, and aesthetically expressive. And this is just the first step for LCI - we have other materials already in development to build a full portfolio of environmentally-friendly options. As we know, nearly 40% of global carbon emissions come from the construction industry, so if we can mitigate even some of this environmental destruction, we’re pleased to be doing so.”

Material Matters Fair, 17th-20th September 2025

Innovative materials company, LCI, will debut Elenite as a material sponsor of Material Matters (17th-20th September, Space House, Covent Garden), during London Design Festival 2025. Visitors can explore and interact with Elenite across key touch points throughout the show, including the welcome desk, bar surfaces, tabletops, and totems throughout Space House.

Attendees can engage directly with the LCI team Stand T9, where they can explore the stories behind Elenite, Foresso and No-Chip and engage with the raw materials firsthand, gaining insight into the journey from origin to the finished products.

About Low Carbon Industrial (LCI)

Founded in 2025 in the UK, materials company LCI is the brainchild of Jake Solomon and Conor Taylor, who together noticed a gap in the market for sustainable surface and material solutions. Their ethos is a simple one: to radically reduce the carbon footprint of architectural materials without compromising on performance, aesthetics, or practicality. LCI is on a mission to create beautiful, thoughtful, and honest low-carbon alternatives to the materials widely used by the industry - home to Elenite, Foresso and No-Chip, with several new products in the works.

About Foresso

Based in Birmingham, Foresso was founded by Conor Taylor in 2016, on the belief that stylish surfaces can be created using otherwise unavoidable waste, with as low an impact as possible on the environment, offering sustainable materials at reasonable prices. Recognised for their signature "timber terrazzo", which uses reclaimed wood and low-carbon binders, Foresso reflects the traditional look of terrazzo. Committed to reducing waste and promoting circular design, the company is powered by renewable energy. Foresso now forms part of the new LCI business, striving towards a collective goal of circular processes and reduced carbon emissions.

About Elenite

New to the market, Elenite is the debut launch from LCI, founded in 2025 by Conor Taylor and Jake Solomon. The premium, design-led, solid surface is made with post-industrial waste and was developed in partnership with Taiwan-based manufacturing specialists Meganite. Elenite helps meet carbon reduction goals without compromising on technical performance, functionality or design freedom.

For media requests, please contact:

lilybell@sandfordpr.com

sandfordpr.com

For more information on the brand:

Please visit lowcarbonindustrial.com or follow

@LCI and @_foresso on Instagram