



**“Brick from a Stone” Installation
at Clerkenwell Design Week (21-23 May 2024)
Championing an age-old, low-carbon material in a new form**



Left to right: Michael Poultney, MD, Albion Stone; Benedetta Rogers, Artefact; Daniel Marmot, Artefact; Marcus Paine, MD, Hutton Stone
PHOTO CREDIT: IVAN JONES

British stone suppliers Albion Stone and Hutton Stone have commissioned architecture practice Artefact to design a 3 metre high stone brick installation *Brick from a Stone* which will appear at this year’s Clerkenwell Design Week, 21-23 May. The installation will showcase stone bricks which both companies are launching this year. These bricks have remarkable environmental credentials, with carbon intensity reductions of about 75% when compared to clay-fired bricks – they only have about a quarter of the carbon footprint of traditional bricks.

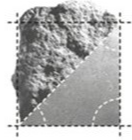


Heritage Portland Stone Brick from Albion Stone



Darney Heritage Natural Brick from Hutton Stone

PHOTO CREDIT: IVAN JONES



ALBION STONE



Left: Hutton Stone's sandstone bricks. Far right: Albion Stone's Portland stone bricks. PHOTO CREDIT IVAN JONES

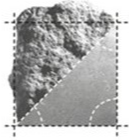
Both companies have invested in state-of-the-art machinery and technology to turn 'unloved stone' (blocks and slabs that do not readily conform to sanitized ranges that have become the norm for stone today) into a sustainable building material. These bricks meet the growing appetite for more environmentally friendly buildings and the aesthetic specifications of planners across the UK who often prefer new buildings to be constructed or clad with bricks to suit the local vernacular.

Stone is increasingly recognised as a stronger, more durable, more recyclable, and lower-carbon alternative to the steel and concrete that has become synonymous with the built environment in the 20th and 21st centuries. The manufacture and transportation of steel and concrete involve enormous amounts of energy which largely comes from fossil fuels. Stone starts as zero carbon as it doesn't need to be manufactured, although energy is needed to extract it from the ground, cut it into blocks and carve it if needed. The final product has a low factor of embodied carbon. When local stone is used for local construction projects, the carbon footprint associated with transportation is negligible. As we move towards electric machinery and transportation powered by renewable energy, the embodied carbon of natural stone will continue to reduce.

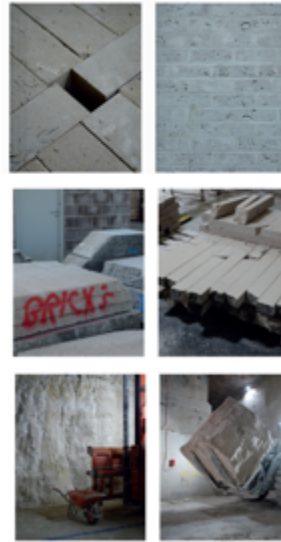
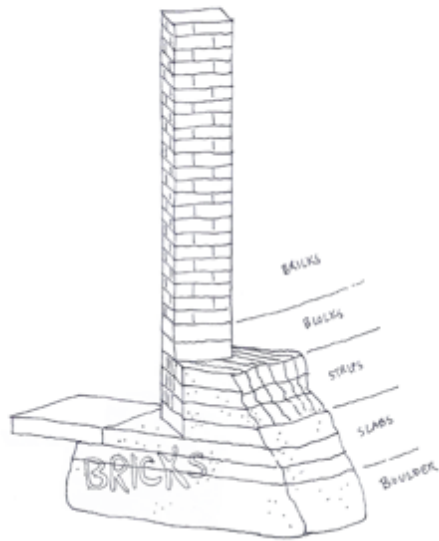
Brick from a Stone

Brick from a Stone will be installed between two iconic red London telephone boxes on Clerkenwell Green from 21-23 May. The installation will consist of a colonnade of six columns constructed from stone bricks in two rows with a roof to provide shelter.

The plinths that support the three slender columns to the rear will reflect the production process from stone boulders at the base, to slabs, strips, blocks and finally bricks.



ALBION STONE



Designs are being developed for a brick table or bench beside the colonnade to encourage dwell time and there are plans to incorporate a dog water bowl into one of the plinths to reference the historic water trough for horses next to the installation on Clerkenwell Green.

“Our installation *Brick from a Stone* celebrates the variety of natural stone that lies in abundance beneath our feet, showcasing stone brick, a beautiful ‘new’ product that will help to decarbonise our buildings and provide an alternative to clay-fired brickwork. Our piece hints at the potential to create a new low-carbon vernacular for masonry buildings in the UK that marries the enduring qualities of natural stone with the hand-made qualities of brick,” said Daniel Marmot, Director of Artefact.

“Situated in Clerkenwell Green, the installation picks up on the history of the site, referencing the nearby horse trough with a drinking bowl for local dog walkers, a roof for shelter, benches and a table to place drinks from the pub next door. While the front columns are smooth and finished, the rear columns emerge from a rough-edged boulder, celebrating the production process,” added fellow director Benedetta Rogers.

-ENDS-

For further press information or high-resolution images:

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Notes to editors:

THE CARBON FOOTPRINT OF THE BUILT ENVIRONMENT

According to the [World Green Building Council](#), the building and construction sector is responsible for almost 40% of global, energy-related carbon emissions - 28% from operational emissions (heating, cooling, lighting etc) and **11%** from 'embodied carbon' (extraction, manufacture and transportation of materials and construction).

The UK has many different types of stone, but when measured as a building material, its embodied carbon is significantly less than manufactured materials.

Albion Stone's Heritage Portland Stone Bricks have a carbon footprint of 122kg CO₂e per m³. Hutton Stone's Darney Heritage Natural Stone Bricks have a carbon footprint of only 118kg CO₂e per m³.

The UK manufactures almost [2 billion](#) traditional clay-fired bricks a year – they have a carbon footprint of 454kg CO₂e per m³.

ABOUT HUTTON STONE

Hutton Stone's highly skilled and friendly team of 44 staff are dedicated to supplying the finest quality, natural and sustainable UK sandstone. With Production Facilities in the Scottish Borders and North Northumberland they supply throughout Scotland and across the UK.

Founded in 1994 by Managing Director Marcus Paine, a 5th Generation Quarrier and Past President of The Stone Federation GB, the company operates three exclusive sandstone quarries with state-of-the-art sawing and production equipment and also stocks a further 20 other types of British stone to serve their wide client base. Hutton Stone specialises in new build and restoration supply projects with highly skilled banker masons, carvers, and mass produced walling production too. In 2024, as part of a focus on a sustainable future for natural stone it launched Darney Heritage Natural Stone Bricks, a new sustainable construction product with a fraction of the carbon footprint of clay-fired bricks.

www.huttonstone.co.uk

ABOUT ALBION STONE

Albion Stone is a family run company that has been supplying Portland stone for projects in London for almost a century and quarrying Portland stone for nearly 50 years.

When Michael Poultney became Managing Director in 1991, he relocated the factory to Portland alongside the quarries and, to secure more reserves for the future, switched from quarrying to the more environmentally sensitive mining. The company has expanded to be a major stone mining operation that is one of the largest and most technically advanced stone factories in the country.

Albion Stone produces some of the most environmentally sensitive building products in the world, and this year launched its new Heritage Portland Stone Bricks which can reduce the embodied carbon of external walls by up to 75% when compared to clay-fired bricks.

www.albionstone.com



ABOUT ARTEFACT

Artefact is a London-based architecture studio, founded by Benedetta Rogers and Daniel Marmot. They seek to enact positive societal change in their work, designing uplifting buildings and spaces that reflect the culture of their users.

From homes to installations to community buildings, each Artefact project has a distinctive identity that stems from the background of their clients and the wider community, the atmosphere of the site and leaps of the imagination.

Their work is focussed on the craft of architecture, with a commitment to detail, grounded in the reality of how things are constructed. They use everyday materials in unexpected ways and explore new materials that reduce the environmental impact of what we build.

artefact-studio.com