



CAST OUT THE BIRDS
SING LET ME LEAF
I AM THE GREEN MAN

Chelsea Barracks Case Study

Location	Architect	Contractor	Facade	Stone Supplier	Stone
London	Eric Parry	Multiplex	Szerelmey	LSI Stone	Moelanos

Designed in 1862 to house army infantry battalions, Chelsea barracks served as home to many combatants until the year 2008. Following its proposed purchase in 2005, the Secretary of State for Defence at the time decided it would be a great opportunity to breathe new life into that part of the city situated in Westminster.

Qatari Diar appointed Multiplex as the main contractor for Phase IV and it appointed LSI Stone so it could supply the stone in optimum condition and quality. With the first three phases having been successfully completed, phase four had to include something different in its architectural component.

Phase IV consists of three buildings with 97 flats, as well as a state-of-the-art spa, tennis courts, a wellness centre and two garden squares. Five Fields Square, the largest of the seven garden squares, and a second which will be exclusive to the residents of the three buildings.

The beauty of this remarkable architectural masterpiece in Belgravia is in its modern design and retains the original identity of London's prestigious Belgravia area.

The Chelsea Barracks development cost £3 billion to build and was the most sustainable development in Europe in 2021. One of only 16 developments in the world to achieve LEED platinum certification for green building.



There is a first-hand choice of blocks. This is when their homogeneity is confirmed as well as their durability in terms of application on site. Analyses are then carried out at the LSI Stone quality control laboratory to confirm the impact resistance of the stone.

A mock-up of how the project might turn out is made, and it is advisable for all architects to see the quality and organisation of the company in terms of work.

Our CNC professionals program everything according to what the customer plans to achieve. Each project will integrate a thoroughness of more than 3 CNC technicians where all the aspects to be taken into account will be discussed.

Effective high technology and our professionals in all areas make sure that perfection is achieved in every successfully completed project.

For everything to be in order, it is necessary to take manual finishing from our professional finishers. Every detail is taken to the millimetre.

Moleanos Limestone

This specific layer of Moleanos limestone is a natural material that guarantees an overall aesthetical homogeneity to the facade.

With this light beige material delivers limited background color variation, and limited shell content with blended perfectly in to this historical area of the city of London.

Mechanically this natural stone guarantees performance in a facade application.



Flexural Streght (MPA)	Pull-out load (KN)	Mass by unit of volume (Kg/m3)	Open porosoty (%)	Water absortion (%)
9.4	3.4	2370	12.3	3.6





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