

CASE STUDY

Think on Top of the Box

The Think on Top of the Box project saw the conversion of an existing three storey concrete frame building into nine high-quality, modern townhouses. Frameclad were appointed to supply the SFS infill to form new external walls to the existing levels. The project also required the installation of a brand new self-supporting top storey using a steel frame system to increase the total floor space.

SITE

Shoreham-by-Sea

PRODUCTS

Loadbearing frames and SFS infill

CLIENT

Optivo Homes

AREA

2000m²

FLOORS

Four storeys





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Located in a coastal area, this conversion from concrete frame building into exquisite riverside townhouses outlined strict specifications that required precision and expert delivery. A Frameclad steel frame system (SFS) was the ideal choice for the development.



Frameclad’s SFS infill was utilised to form new external walls to the existing three levels of the building. Due to the need for increased floor space in the conversion to townhouses, the project also included the installation of a brand new self-supporting upper storey using a steel frame system. With restrictions to the new top floor, Frameclad worked with the client to keep new loadings to the upper floor to a minimum, ensuring maximum performance with a precision-engineered design. Frameclad’s expert engineering team used state-of-the-art software along with Modern Methods of Construction (MMC) to manufacture the frames to the exact specification and requirements of the project, before delivery and installation on site. Offering a comprehensive design and full structural calculations,

Frameclad’s expertise was enlisted for the project due to the high-performance benefits of their low-weight system, coupled with their tenacity, keen attention to detail and dedication to delivery. Utilising Frameclad’s

bespoke light steel frames in the loadbearing walls provided multiple benefits to the project including swift, precise delivery and installation, speeding up the building programme. The Frameclad system can incorporate existing external walls, loadbearing walls and floor and roof structures, making it ideal for this type of development.

A trusted name in the sector, the Frameclad team with their ‘can do’ attitude, strive to exceed expectations with their customer first ethos and innovative vision. As a leading BOPAS-accredited manufacturer, Frameclad are committed to achieving the highest quality standards, manufacturing all products in a state-of-the-art 50,000 sqft framing facility, fully compliant with EN 1090-1: 2009 + AL: 2011 CE accreditation.

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