

- Adaptable for mixed use
- Factory precision quality
- Quick erection
- Less disruption
- Best whole life cost solution
- Social tenants move out of fuel poverty

Need

Achieving more output with the same resource is an imperative if we are to deliver the government target of 340,000 homes per year in the current climate with Covid restrictions and Brexit uncertainties.

Last year England fell short by around 100,000 homes, something must change. Modern methods of construction (MMC) have been touted as one way forward and is supported by the UK appointment of an MMC Champion.

Solution

MMC has been around for over a decade, and whilst the UK construction industry has been slow to adopt, here at Osborne we have been investing and developing offsite and realising the benefits for over 15 years.

Shifting elements of bulk production off-site to factory conditions make sense, it enables:

- Less local disruption.
- Reduced carbon emissions during construction and in the use of the building in the long term.
- Reduced demand on traditional and expensive skilled trades and opportunities for manufacturing apprenticeships.
- Factory controlled quality control

Osborne has been a pathfinder and early adopter of offsite solutions since 2005 when we created Innovaré Systems.

During those fifteen years, Osborne has completed over 50 buildings using SIPs technology, simplifying manufacturing, and developing more energy efficient products and solutions. Typical examples include:

- student accommodation in Winchester totalling 496 beds using i-SIP, pre-cut plasterboard and bathroom pods.
- 73 residential units and three retail outlets at Walthamstow incorporated i-SIP and precast concrete MMC solutions.
- numerous schools have taken advantage of i-SIP and the speed of our MMC solutions for completing during short school holiday periods.

A new award winning* i-FAST system has been added to the MMC product offering. A solution adopted for a £23m mixed use housing scheme in Brighton providing increased sustainability, and enhanced assurance in fire, acoustic and thermal performance.

Outcome

Our 15 years of sustained and innovative investment in offsite MMC is delivering improved whole life cost benefits. Homes that are precision-made in a factory environment provide greater certainty in performance and future maintenance. Energy efficiency helps social housing residents out of fuel poverty, homes can come on stream 50% faster and bring revenue back sooner for reinvestment.

From the outset Osborne has been engaging and improving how we work in offsite solutions, let us put the benefits of 15 years of MMC learning and creativity into better outcomes for your project.

**2019 West Midlands Celebrating Construction Innovation Award*