

# Abbey View Primary Academy



<b>PROJECT</b>	Abbey View Primary Academy
<b>CLIENT</b>	Buckinghamshire County Council
<b>CONTRACTOR</b>	Morgan Sindall
<b>ARCHITECT</b>	GSS Architecture
<b>VALUE</b>	£6.6m
<b>LOCATION</b>	South East
<b>GIFA</b>	1,756m2

## Need

The benefits of offsite construction were successfully realised when main contractor Morgan Sindall teamed up with Innovaré to create an innovative design that delivered a high quality, airtight and energy-efficient building for Abbey View Primary Academy.

Abbey View Primary Academy provides a first-class education facility with the potential to grow in-line with the surrounding population to ultimately accommodate 420 students with an additional 52 pre-school places.

The first phase, a two-storey building with teaching spaces, an assembly room, sports hall and dining hall – is designed to be flexible and adaptable, providing 210 primary and 26 pre-school places. The second phase expansion scheme is linked to future residential development.

## Solution

The design champions the use of Innovaré's award-winning i-SIPS – a BBA Approved

Structural Insulated Panel System which can form a complete dry structure. The offsite manufactured i-SIP System outperforms traditional building methods, accelerates project delivery, reduces waste and improves sustainability.

The i-SIP System offers significant advantages in a world where construction schedules are becoming shorter, building performance criteria is more challenging, and the need for innovative solutions to meet ambitious construction targets are paramount.

## Outcome

Early collaboration ensured that the design met the specialist requirements set out by the client. Regular team meetings meant that a robust schedule for delivery was agreed in advance and design for M&E services was incorporated within the manufacture of the panels to avoid onsite clashes.

Using advanced offsite manufactured timber technology maximised efficiency and quality

on site. Abbey View was delivered on time and budget in just 42 weeks and snag free.

Achieving a rapid building programme, the structural frame encompassing the roof, walls and floors took just nine weeks to complete. The enhanced performance benefits delivered by using the i-SIP System, will reduce ongoing maintenance and energy consumption costs across the lifetime of the building.

*"The construction team has been a brilliant source of inspiration for our students. Their work experience placements at Abbey View Primary Academy have been extremely rewarding and enabled them to gain valuable experience with an outstanding team. We'd like to thank them for their enthusiasm and for giving so freely of their time and knowledge while supporting and encouraging our students."*

– **Sarah Valentine, Principal**