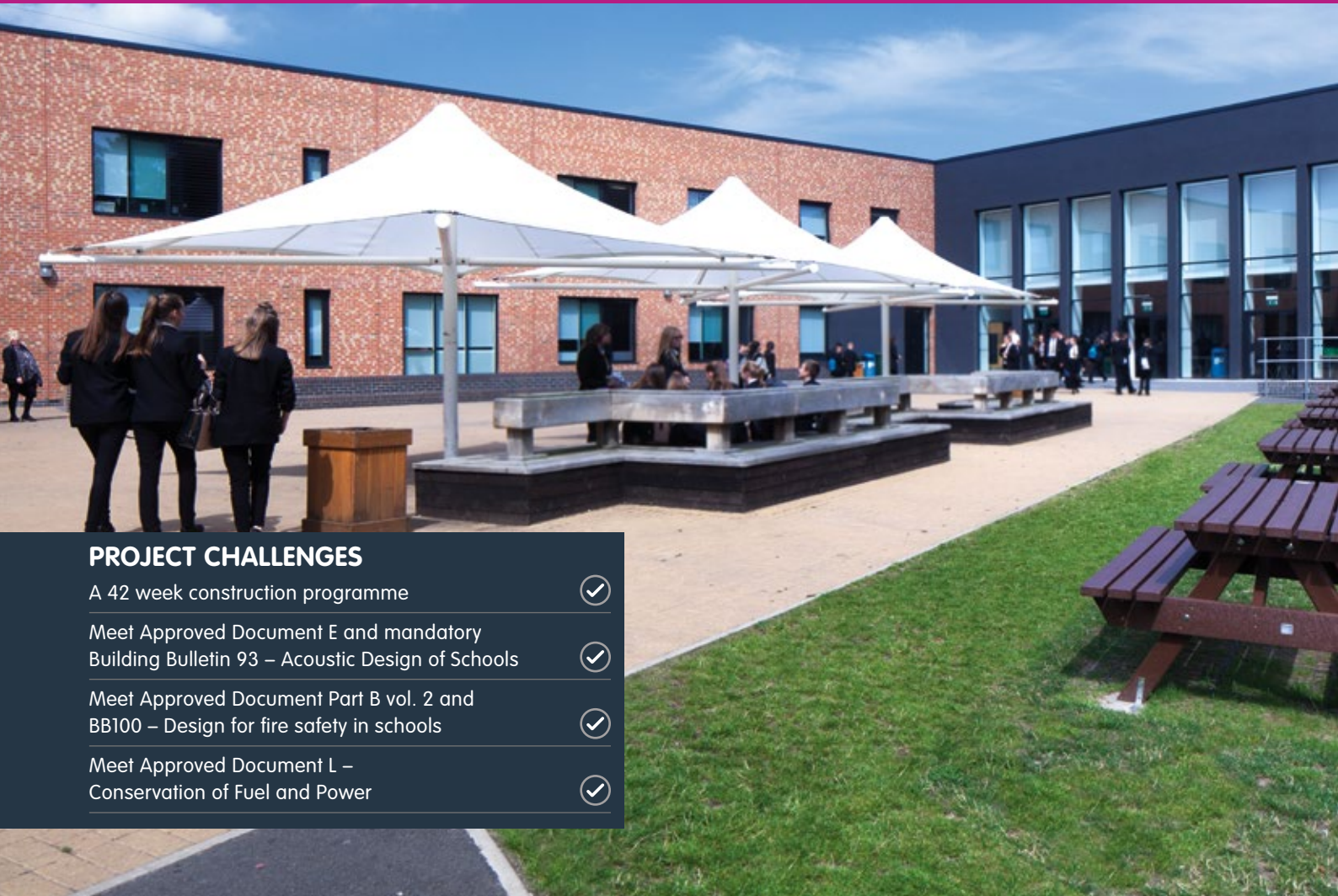


A Modular Case Study

# FARNBOROUGH ACADEMY

NOTTINGHAM, UK



## PROJECT CHALLENGES

- A 42 week construction programme ✓
- Meet Approved Document E and mandatory Building Bulletin 93 – Acoustic Design of Schools ✓
- Meet Approved Document Part B vol. 2 and BB100 – Design for fire safety in schools ✓
- Meet Approved Document L – Conservation of Fuel and Power ✓

SECTOR: Student accommodation

PROJECT VALUE: £18m

CLIENT: Franklin Ellis Architects

ARCHITECT: Jeffersons Heard

OFFSITE PARTNER: Caledonian Modular

FINISHED: 2014



## BACKGROUND

Farnborough Academy is a school for 1050 pupils aged 11-16. The 7000 sq m building was manufactured and assembled by Caledonian Modular from 141 modules during a 42 week programme.

Working in collaboration with Caledonian Modular, Siniat provided the drylining systems that would meet all of the fire, acoustic and energy efficiency Regulatory requirements of the school.

“A modular build approach”



### Solution

Caledonian Modular chose Megadeco for all internal walls and corridor walls. It combines fire and impact resistance with superior acoustic performance, achieving 50R<sub>w</sub>dB from a single layer.

Megadeco has a pre-sealed finish, which eliminates a stage in the finishing process, particularly useful where large volumes of partitions are required.

### Products in this system:



Megadeco  
Fire Board



“Siniat Megadeco has been our ‘one size fits all’ board solution for over 10 years. Offering a range of performance and process benefits thanks to its high impact resistance, fire-rated and acoustic properties, and pre-sealed face it speeds up our factory production.”

Chris Bulmer, Technical Manager,  
Caledonian Modular