



Leaders in Sustainable Building



INTRODUCTION TO CYGNUM TIMBER FRAME





Established in 1997 Cygnum is a leading provider of timber frame structures in the UK offering in house solutions including:-

- Project evaluation and pricing
- In house design and engineering
- Manufacturing and installation







Market Sectors













Residential









- Cygnum have supplied timber frames to many leading developers in the UK and Ireland.
- Our sophisticated automated production system can manufacture over 2,400 houses a year.
- We can meet your project's exact specifications, whether your priority is to achieve the highest possible energy rating or the lowest possible cost.
- Our team of experienced professionals will provide any necessary assistance to builders in the areas of design, engineering or contract management.





To date we have manufactured supplied and installed circa **12,000** residential units including:

Development Housing:









To date we have manufactured supplied and installed circa **12,000** residential units including:

Apartments:









Sheltered Apartments







Education





 In recent years Cygnum Timber Frame has established itself as one of the leading timber frame manufactures in the UK Education sector. Current projects include primary, secondary and 3rd level buildings.







CWM IFOR Primary School, Wales.









2011 – Installed the UKs first Passivhaus School

Oakmeadow:









Have supplied many Passivhaus projects since including: Wilkinson School:









Constructed using the Brettstapel method with locally sourced timber

Burry Port Community School









The Enterprise Centre, University of East Anglia:







The Enterprise Centre, University of East Anglia: The UK's Greenest Building







The Enterprise Centre, University of East Anglia: Locally sourced timber from Thetford Forest – 30 miles from site.









Commercial









- Cygnum has built up a wealth of experience of supplying timber frames for a wide range of large buildings including multi-storey hotels and apartment blocks, supermarkets and nursing and care homes.
- We are also specialists in energy-efficient schools and other public buildings
- Our dedicated team of engineers, designers, energy efficiency and construction experts enjoy working on cutting-edge technical projects like this, and we can bring that knowledge and experience to your next project.





Commercial Builds

Supermarkets:









The UK's first Passivhaus archive building

Hereford Archive Centre:











Hansard Close, Norwich City Council

The first Passivhaus housing development in Norwich – 2 apartment blocks of 20 Units









Goldsmith Street, Norwich City Council Set to be the largest Passivhaus affordable scheme in the UK







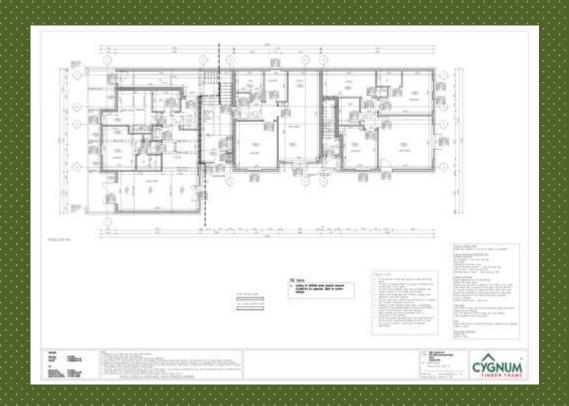
Cygnum will be providing rapid Passivhaus housing solutions for Norwich, Swansea and Colchester co councils – with over 200 confirmed units to date





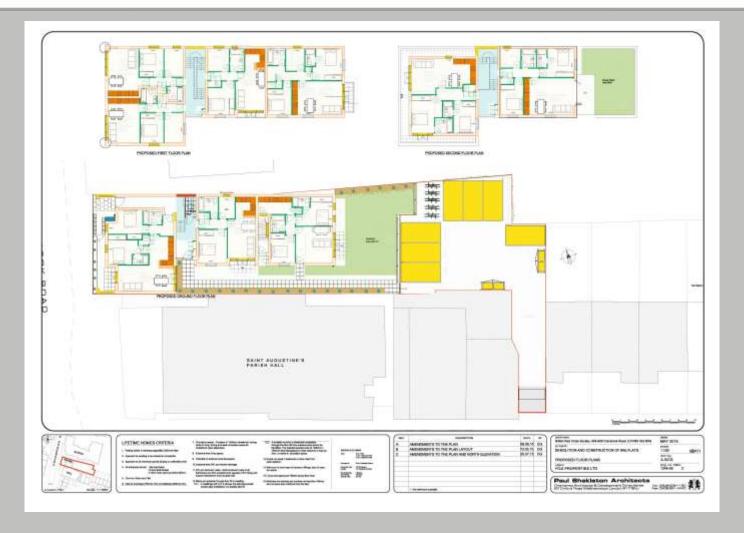


Design Process



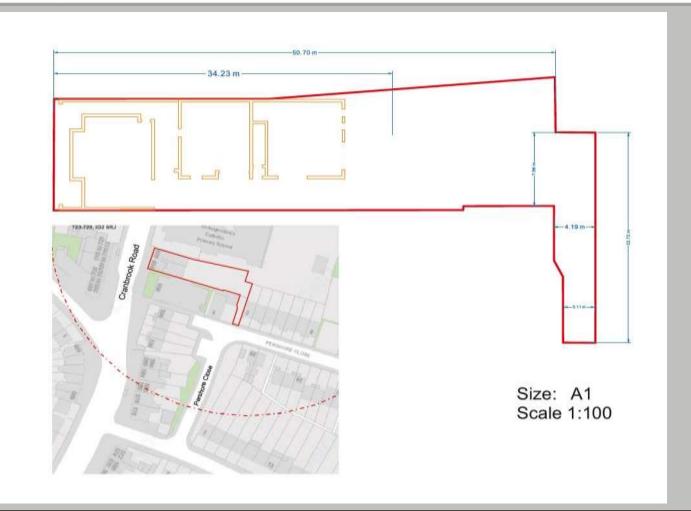






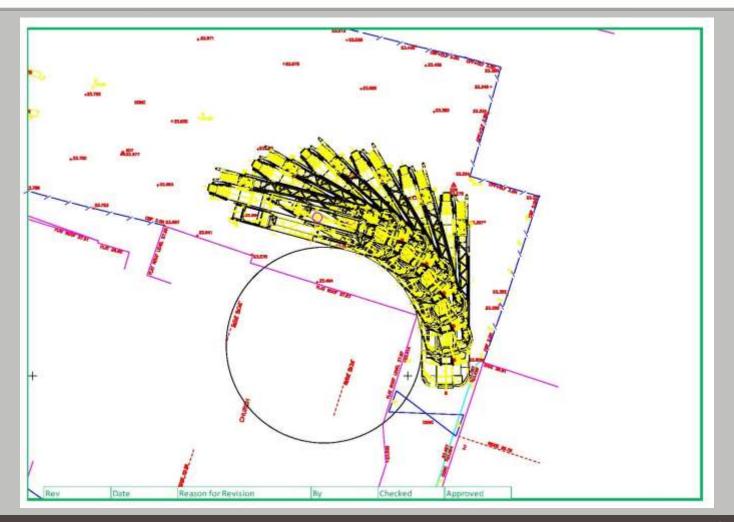






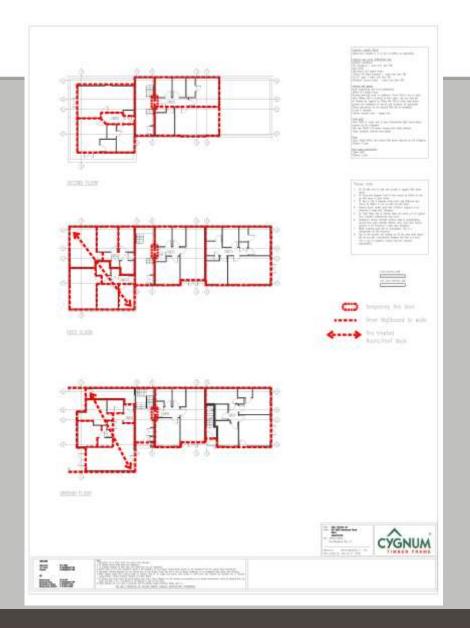






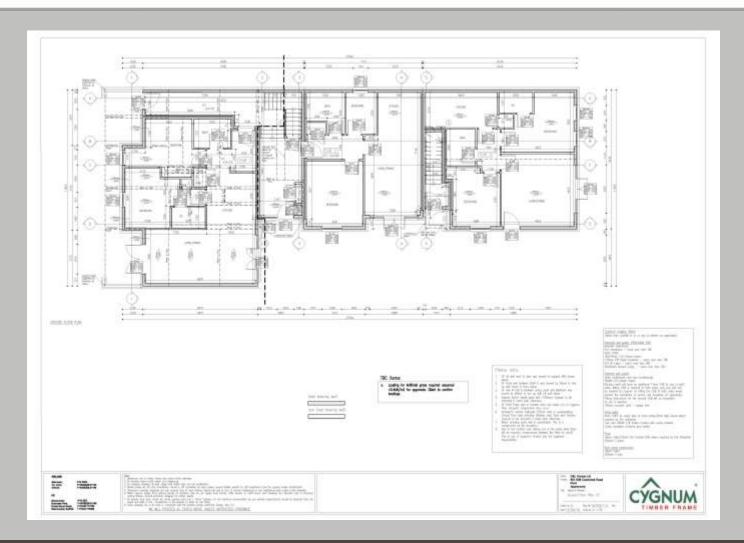






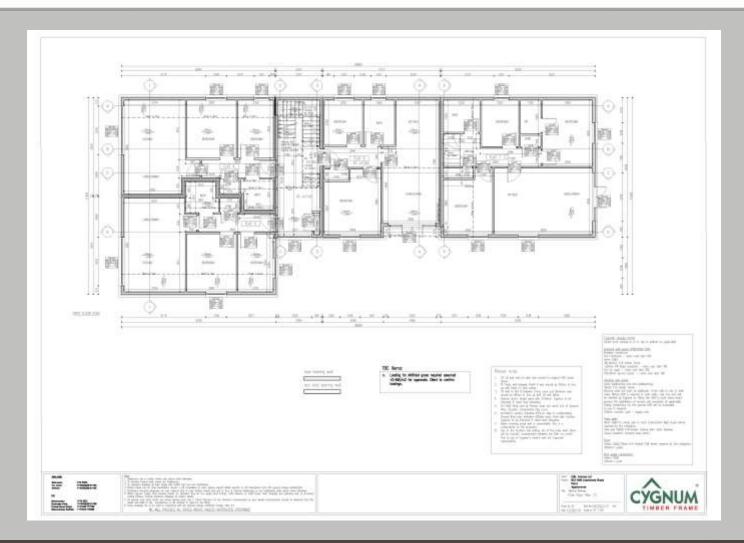






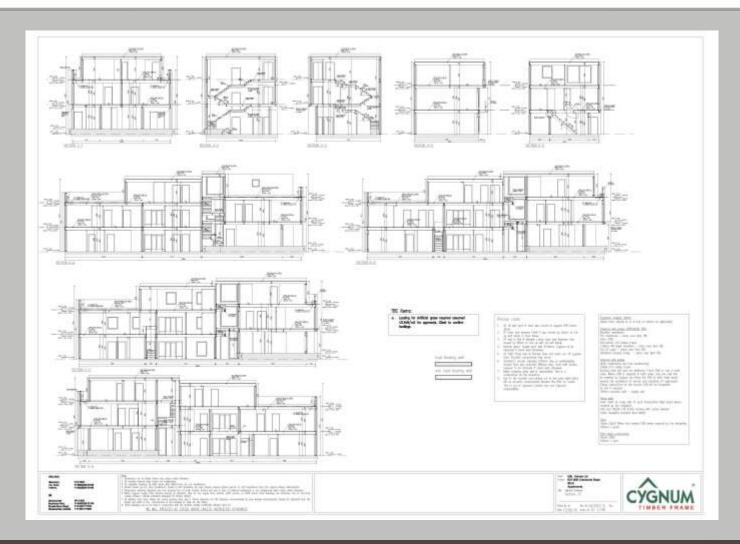
















MANUFACTURING PROCESS









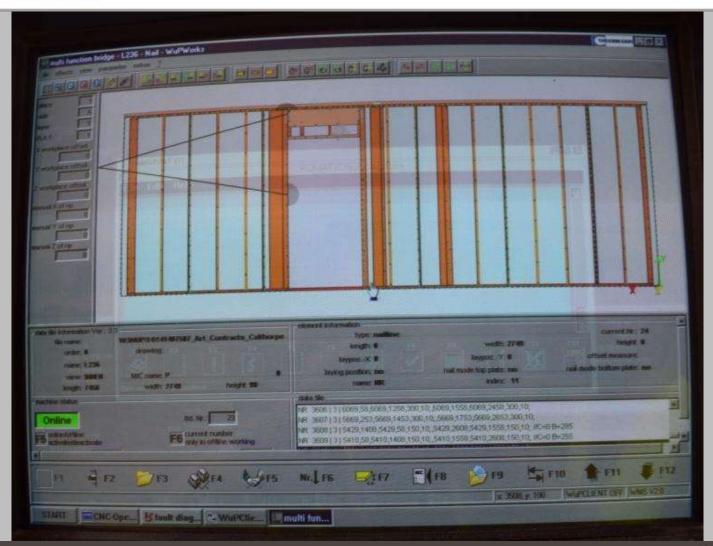






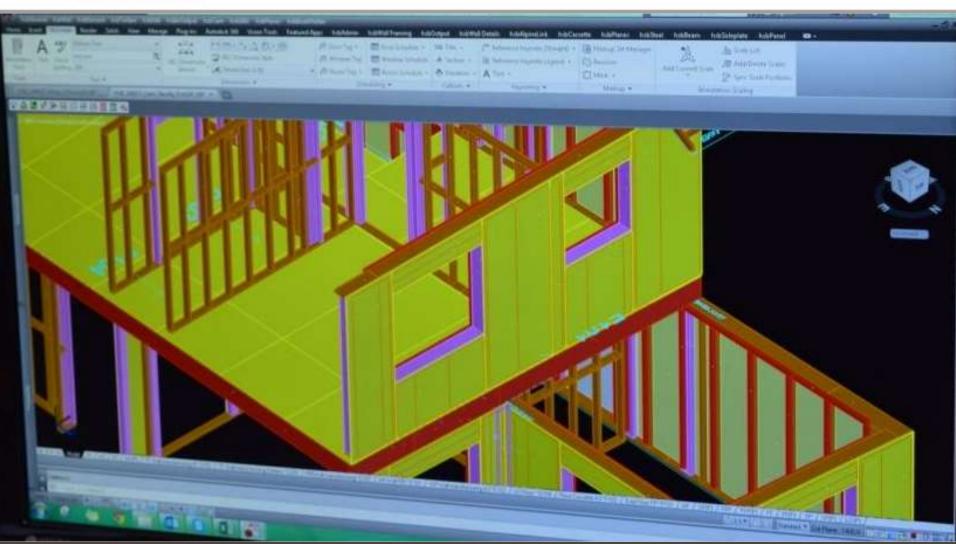






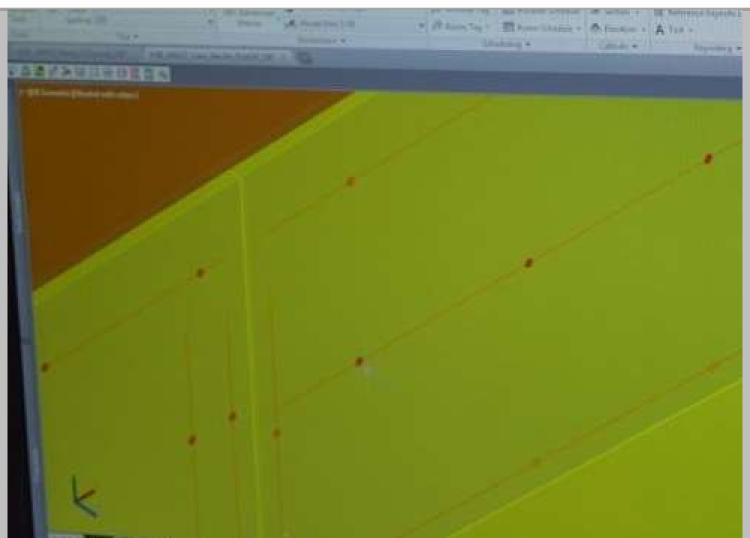






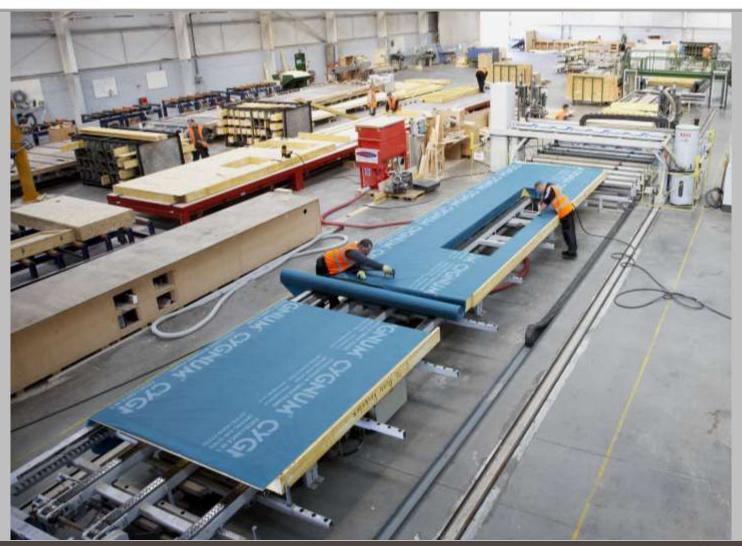












































































Site construction of our frame





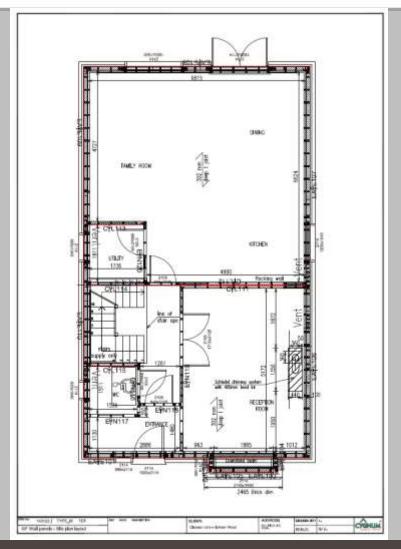


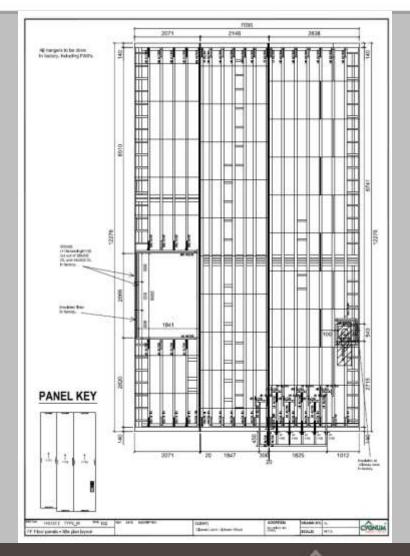
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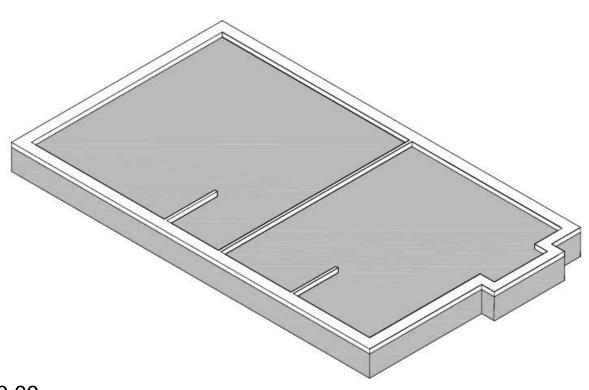








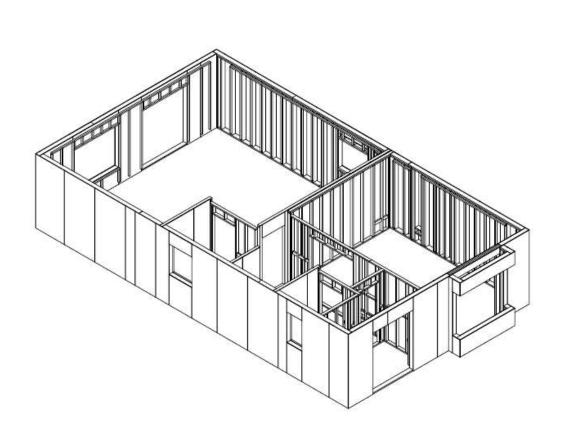




7.30 to 9.00



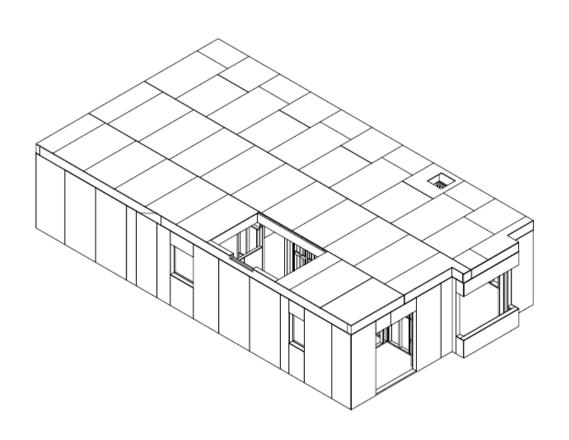




09.00 to 11.00



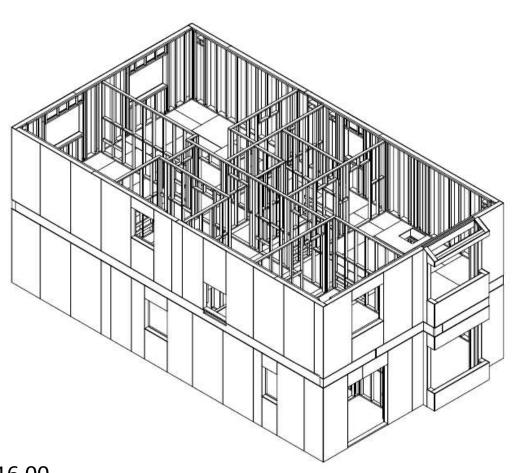




11.00 to 14.00







14.00 to 16.00











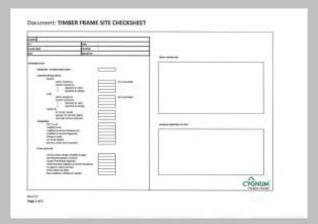




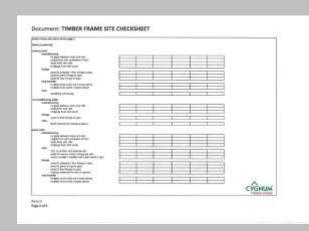
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Responsibilities





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CYGNUM







Accreditations

STA: Structural Timber Association

SMAS: Worksafe Contractor as recognised by Safety Schemes in Procurement.

Constructionline







Accreditations

CHAS: Contractors Health and safety scheme

PEFC: Program for the endorsement of Forest Certification

FSC: Forest Stewardship Council



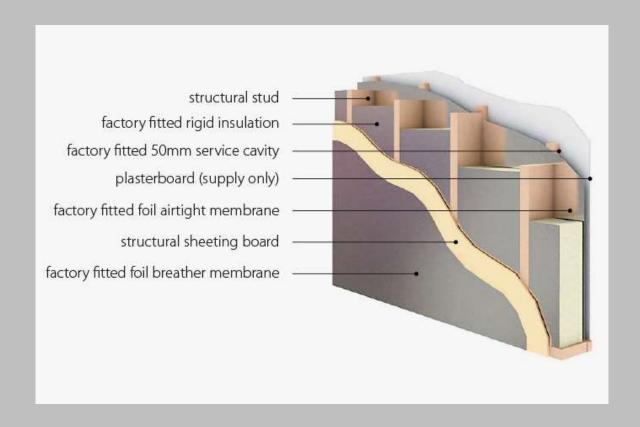


Our wall systems





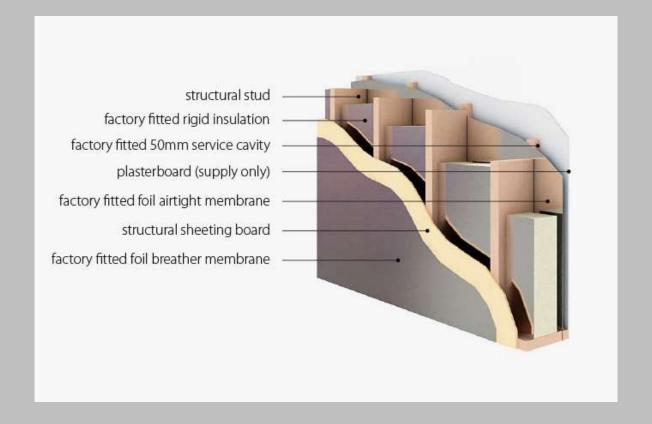
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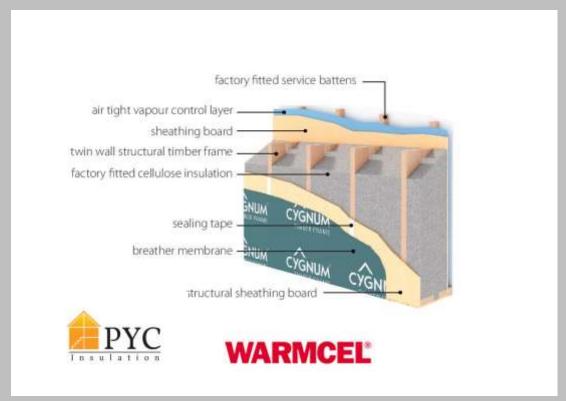
Reflect 200







Passive 350







THE END

Thank you for your time

