



Please contact us to view our Show House
and see for yourself the benefits of
our **SUPERFRAME**



Irish Eco Homes

Insulate well...

Save energy...

Save money!



A SUPERFRAME



Irish Eco Homes

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SUPERFRAME
Zero-Heating House

Cost saving

Our **SUPERFRAME** will give you an A-rated building envelope. As a result your heating costs will be dramatically reduced, saving you 90% per year typically.



400mm insulation
 airtight membrane
 service cavity
 taped joints

Insulated

Our insulation of choice is cellulose fibre, (recycled paper) a sustainable organic product with 270mm to external walls and up to 400mm to the roof giving an impressive U-value of 0.13 and 0.09 respectively.

Airtight

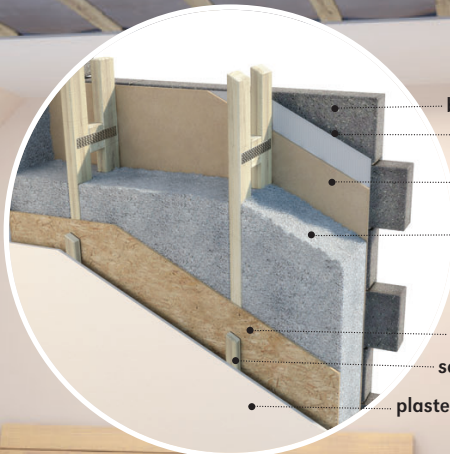
By maximising building air tightness our homes are energy efficient and comfortable to live in.

Zero heat

Eliminate the need for a dedicated heating system through the use of passive solar design, super-insulation and airtightness. By using our **SUPERFRAME** the heat of the occupants, lights and appliances is enough to heat the house in winter, except for the coldest days when a small back-up stove may be needed.

Sound proofing

By using cellulose fibre to the internal partitions and a sound proof layer on intermediate floors excellent soundproofing is achieved



blockwork cavity
 external sheeting
 270mm cellulose insulation
 9mm sheeting board
 service cavity
 plasterboard



taped airtight membrane
 sound proofing
 floor decking
 floor joisting
 continuous insulation layer

Sustainable

Timber has excellent environmental credentials. All of the timber we use is certified which guarantees it is sourced from sustainable, managed forests.

Breathable

Breathability is key to our **SUPERFRAME**. Our unique frame build-up allows water vapour to pass harmlessly through the frame from inside to outside.

Comfort

By controlled ventilation with heat recovery your comfort is assured with a constant supply of fresh air to your home. Not only that but the **SUPERFRAME** will ensure your home is healthy, warm and cosy.

Strong

All of the timber we use is kiln dried, strength graded and pressure treated as required. We generate detailed structural analysis with inspection and structural certification on every project.

Solution

Irish Eco Homes can supply you with a complete timber frame package. Our team of carpenters erect the timber frame on site. We also offer all insulation and air tightness materials which we can supply and fit to suit your needs.