

# Nail the Core....



## ....and so much more

...with Advanced Timbercraft

The core of your home – the bit at the heart that you can't redecorate or 'tweak' must be right first time. Allow our Advanced Timber frame system along with our knowledge, experience and passion for detail to deliver the warmest comfiest and healthiest heart for your home. Even the heating bills will make you smile.

In 2003, Neil Orr, with 10 years personal experience in conventional construction and a further 40 years of his father's to draw from, decided to give timber frame a try and hasn't looked back since! Advanced Timbercraft Ltd was born with the aim of offering individually tailored homes of the highest quality to its clients. Supported by his knowledge of construction and extensive research of the latest ecological materials and techniques, Neil set about developing ATC into the dynamic frame company it is today.



MD Neil Orr

We recognise there are a number of different types of structures in addition to timber frame. However, an Advanced Timbercraft timber frame structure is by far the most successful in attaining the highest standard of air tightness and insulation and indeed ventilation and heat recovery. During the manufacture and erection stages we incorporate robust details to build in the vital elements of air tightness which cannot be added retrospectively – therefore giving a solid core that leads to a home with an exceptionally high comfort level and low long term running costs.



By accurately installing our Pro Clima breathable air tightness membrane and associated tapes, it has been proven to reduce energy costs by up to 80% by preventing heat loss through the fabric of the building. On completion of air tightening we carry out a quality control test to prove to our clients, builders, architects and anyone else involved in the build, that our system has been correctly installed.



As you air tighten a building, we know that ventilation becomes imperative and so recommend either passive or mechanical systems to optimise air quality in your home.

Timber frame technology works well with traditional insulation materials such as fibre glass wool and Rockwool, but truly excels with innovative organic alternatives such as Hemp or Sheepswool. We have our own German trained team to install organic Cellulose insulation (recycled paper) which is pumped into the walls and roofs under pressure. These insulations, in conjunction with our 'Warmframe' and 'Warmroof' options (which deal with cold bridging issues) ensure exceptional performance.



Recently our company has identified a recurring theme from clients - namely the high levels of stress induced by the whole planning and design process before arriving at our door. We have been very conscious of these problems and which we ourselves have experienced firsthand. Visionaryworks - a leading planning and architectural design consultancy, were vital in streamlining this process for us on numerous occasions. Hence we have now forged a strategic alliance offering a seamless design and build service as required." Kevin McGurran of Visionaryworks adds "We are excited to partner with Advanced Timbercraft who have a proven track record of excellence in this type of innovative construction. We feel their Advanced Timber Frame Systems are the way forward in providing a sustainable, healthy, comfortable home both now and in the future"

**Advanced Timbercraft are exhibiting at Stand W12 in the Pavilion at the Self Build Show.**

ARCHITECTURE PLANNING LANDSCAPE  
**visionaryworks**

143 Ballyskeagh Rd. Drumbeg  
Belfast BT17 9LL Tel 028 9030 9955  
www.visionaryworks.co.uk

**ADVANCED  
TIMBERCRAFT**

10 Browns Road, Newtownabbey, Co. Antrim, BT36 4RN  
+44 (0)2890 838951 www.advancedtimbercraft.com