robustdetails®



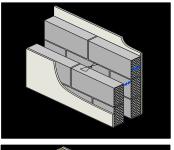
John Tebbit

Managing Director

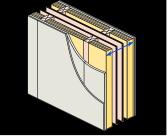
Robust Details Limited

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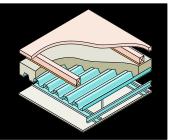




- Robust Details the story so far
- Design versus actual
- Ventilation



- Thermal bridging
- BIM



- Allowable solutions
- Summary
- The last word(s)

Robust Details – the story so far





- Created in response to Part E 2003
- 10 years and nearly 750,000 registrations
- Running at 99% plus compliance
- 35 walls, 25 floors and more on the way
- Generic and proprietary
- Sample testing, continuous improvement
- Online resources

Design versus Actual



Some homes don't perform as designed



- Design it right, build it right, get the data right
- SAP as a model of reality is OK-ish
- Issues seem to be linking processes
- Could we standardise process and product a bit
- Possible role for Robust Details

Ventilation





- MEV and MVHR becoming more common
- 25,000 in dwellings, 15,000 in nondomestic
- Issues with design, installation, commissioning



- Looking at a pattern book approach
 - Robust technical systems
 - Noise, usability also factors for owners
- Piloting 2014/15 with selected partners

Thermal bridging



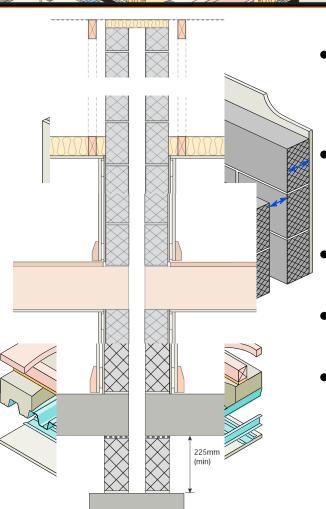




- Becoming critical in Part L 2013
- Multiple sources of guidance
 - Government
 - NHBC and Industry
 - Constructive Details
- Buildable, checkable, robust, sustainable?
- Integration with BIM

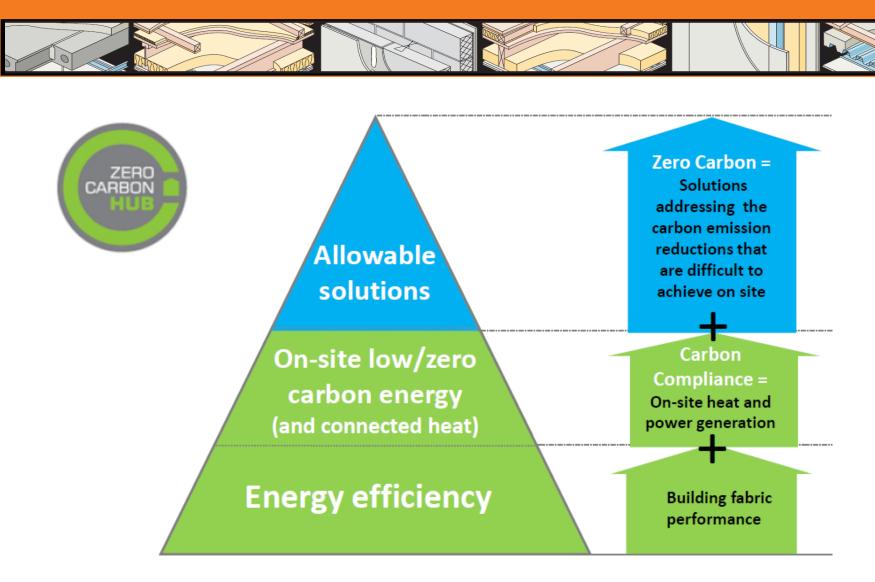
BIM





- The scary bit it will transform construction
- Comforting bit more on processes than stuff
- Standardised, structured data is key
- Pretty 3D drawings are secondary
- Working on it so we are ready when you are

Allowable Solutions





Allowable Solutions

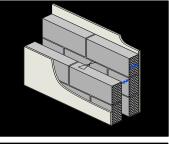


- · We are not interested in what its spent on
 - Are interested in making it easy to use
 - Integrate with SAP, Part L and building control
 - Demo developed of a system
 - Maximise choice, minimise administration costs
 - Trialling soon with ZCH and others

Allowable solutions

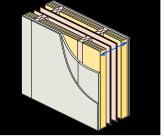
Summary





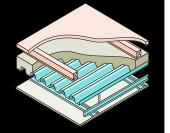






- Inspection, learning, improvement
- Design versus actual let's see

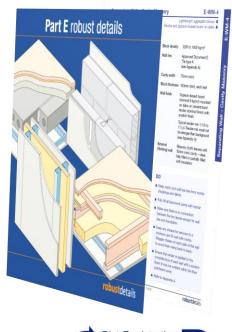




- Thermal bridging issue is business model
- Allowable solutions trials so we are ready

The final word(s)







improvement

applications

We are here to deliver solutions for you

- Pattern book,
- Plot based
- Test the population
- Close the loop and improve

Must be cost effective and deliver certainty

Any areas where you think we could help you?

thank you



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