

Green Register: Good evening

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- Have a great session!

Imogen Bertin: I thought the moisture limit for Steico was 18-20%?

Astrid Arnold: I run a carpentry company, so often have clients wanting to insulate walls, roofs and floors, without there being an architect or retrofit designer involved (we work on older buildings). How do I know how thick the insulation should be / who can calculate the u-values ?

Graham: Do these products have certification that enables warranty and makes the property mortgageable? If not, is there a plan to gain certification for them?

mark_retrofit: Haven't Steico recently been brought up by Kingspan?

Green Register: insulation@mikewye.co.uk

Imogen Bertin: Yes, Kingspan bought Steico in 2024

Green Register: [Mike Wye](#)

mark_retrofit: I hope that buyout doesn't compromise on Steico's previous good practice! 🙌

mark_retrofit: Indinature hemp loft insulation has just been okayed by OFGEM for ECO4 and GBIS installations.

Juliet Weston: what do think of cork board

Caterina Mangia: Can we say that natural fibre insulation products are more suitable for internal wall insulation due to their moisture management properties?

mark_retrofit: Cork can get wet during installation without ill effects!

Astrid Arnold: What about wool insulation and guarantees / certification? SPAB recommended us not to use this where it can't be accessed after the works have finished due to the risk of moth infestation. Is this what you would recommend, too?

Iwona Tempowski: What is the most breathable and sustainable type of plaster to cover a wood fibre board?

Imogen Bertin: Is it just borate treated? (the sheep wool)

mark_retrofit: @Iwona Tempowski Usually lime plaster

Imogen Bertin: Honestly with the vast increases in moth infestation due to climate change, I really wouldn't be going there...

Michael Williams: Is there a reason why you do not supply Hempcrete blocks?

Charles Delany: Which types of natural insulation, if any, are suitable for full fill cavity wall insulation?

Andrew: I have a 1970s brick built (both leaves) house with an uninsulated 75mm clear cavity. I plan to add exterior wall insulation. Are there natural cavity fills to consider please?

Laura Millbourn: Don't NHL's go off very much harder than their number would suggest? 3.5 will go off over time to be virtually as hard as cement so how VP is it?

Imogen Bertin: Correct, Laura.

Imogen Bertin: My worry about the wood fibre and relative humidity is that where you get relative humidity in the 90% range (bits of Ireland and bits of Wales) you are talking about hitting the "risky" 18-20% moisture content. So you're pretty much saying you hope the year

will have a dry bit when they get a chance to recover. I'm not sure that's realistic with climate change again.

Nick Owens: Lime CPD yes please!

Imogen Bertin: No there is research showing the relationship between the by volume and the RH and they do relate.

James Barnett: Which of your insulation products performs best at retarding fire and why? Do they have certification?

Imogen Bertin: Figure 1 of [this document](#)

G Howat: cottageology

Nick Owens: Is between rafter 100mm wood fibre (with OSB above) a high fire risk?

Robert Loader: What is the glue that holds wood fibre together ?

Sharon Chai: Thanks for the cpd, very informative ! but I have to leave now.

Sue Cambie: What sort of thickness is this build up?

Imogen Bertin: I think the modelling is vital to avoid interstitial condensation especially on deep walls. I'm not querying this setup but I would query very thick internal insulating renders.

Samantha: Ever so helpful - thank you both very much, and to staff at The Green Register for organising.

Imogen Bertin: Great to hear!

Mike Wye: Thanks for attending Samantha

Michael Williams: Can the boards be directly applied to existing plaster or does the plaster need to be removed?

Roosje: Thank you

Susanne R: Many thanks for the very informative talk. Unfortunately I have to leave now.

Graham: Thank you - very interesting!

Dicky: Thank you very much.

Laura Millbourn: Need to be careful not to remove original fabric (plaster) from a listed building without consent

Imogen Bertin: Also a lot of older buildings will have historic whitewash behind the lime render so it won't be truly keyed to the wall.

Imogen Bertin: Thanks so much, really interesting, good to see the buildup.

Samantha: Mine is Grade 2 listed but the back kitchen has been plastered in what looks like the 1960s - 1970s. Would it still need consent to take it back to an original state?

Hugh Alexander: Thanks for the informative session

Michael Williams: Thank you for a very informative and interesting discussion.

Iwona Tempowski: Thank you, very informative session.

Laura Millbourn: Thanks very much for a great talk.

Mark_retrofit: Great stuff chaps (and GR of course!) - thanks all.

Andrew: Thank you both / Mike Wye

Astrid Arnold: Thank you very much, very informative.

James Barnett: Thanks

Peter: Lots of information. Cheers guys.

Amy Lunt: Thank you

Matt J: Thank you

Martin Lockett: Thank you guys!

Leonora Hayes: Thank you both. Very interesting.

Anne Hinckley: Thank You.

Apostolos Evangelopoulos: Many thanks for the webinar! Great material!

L O'Neill: Thank you!

S. Gowing: Thank you

Michelleh: Hi I will be in contact regarding two projects and thank you for this

Penny Toleman: Where you going to show a roof build up?

iPhone: Thank you

Mike Wye: Replying to "Hi I will be in cont..." Please do

Robert Nicholson: Thanks very much for an informative presentation.

Penny Toleman: refurb is good

Martin Lockett: What u value would this provide

Martin Lockett: Thank you

Andrew: Thanks again

Conrad Margoles: Many thanks!

Martin Lockett: thanks again

Mark John: Thank you