

**Charlotte - TGR Host:** Thank you for joining us this evening for our Twilight Talk with IndiNature- we'll hear more about their bio-based building products and their uses throughout the session. Please do post any questions here in Chat and we'll address them as we go. Near the end of the session, there will be time for further live Q&A and you're welcome to ask any project-specific questions too

**Duncan Bell:** Regarding the minimization of heat flow into buildings during hot weather, what is the decrement delay of hemp insulation?

**Charlotte - TGR Host:** The IndiTherm is nice to handle - doesn't shed quite as much as wood fibre

**Ele George:** IndiNature's hemp insulation's high thermal mass and specific heat capacity help delay heat transfer into buildings, improving comfort during hot weather. Aine will also be coming onto to provide more detail on this in the coming slides

**Joshua Wood:** Do the products have BBA certification? Where are the factories?

**Ele George:** <https://www.indinature.co/inditherm>

**Ele George:** The factory is located in Jedburgh in the Scottish Borders. IndiTherm and IndiBreathe have BBA certification. More information on the indiboard can be found [here](#), and more information on the indibreathe can be found [here](#).

**Bernardo Mori:** You mentioned I think that it's been approved by Ofgem. Does that mean that there are government funded schemes to have loft insulated using your product instead of nasty mineral wool?

**Ele George:** That's right. We are the only natural fibre insulation to achieve this status and the only measure approved for loft retrofits. More information [here](#).

**avonr:** Is Inditherm the Trade Mark of Hemp Insulation or the only name for Hemp Insulation?

**Tony:** Could you go over the procedure for using this against solid stone walls again? Is an air gap required? Do you have recommendations for what thickness can be used before condensation becomes an issue?

**Avonr:** What are the benefits of using Hemp over current forms of Insulation? What makes Hemp insulation unique? What is Hemp and where do you source the Hemp from? Is Hemp considered to be a waste product or is it something that has to be grown and cultivated to be used specifically for insulation purposes?

**Fiona V, fiv-architecture:** On Walls, do you have to strip off existing plaster if cement based or non-breathable paints have been used on the wall over a few years?

**Salome Rush:** Is it possible to buy your products in Ireland?

**Áine Scott:** Yes you can buy from Ireland. [Ecological](#) would cover this

**Emma Humphreys:** How does it compare in cost to mineral wool please?

**iPhone:** How does the price compare to the typical alternatives?

**Sharareh Azar:** In hemp insulation LCAs, how do you treat biogenic carbon uptake and release at end-of-life? Is it assumed fully released, or are scenarios like reuse, recycling, or landfill considered?

**Avonr:** How did you discover that you could use Hemp as Insulation? Did someone else introduce this concept to your business?

**Emma Humphreys:** Is it readily available or does it need ordering from special suppliers

**Ele George:** Information on where to buy can be found [here](#).

**Joshua Wood:** Do Indie Nature offer WUFI calculations to check moisture risk for internal wall insulation?

**Julia Behrendt:** Thermafleece systems use a breather membrane at the timber frame/stone interface and no gap I believe - would this work with IndiNature as well or would you generally recommend the 20mm?

**Richard Pain:** Assume can't be used in a masonry cavity?

**Ele George:** No not suitable for this application

**Julia Behrendt:** Fantastic to hear they're getting into mainstream stores!

**Salome Rush:** Timber frame, blocks on inside and cast in situ hemp onside. is this possible with your product?

01:08:54 Áine Scott: aine@indinature.co

**Joshua Wood:** I understand Julia's concern that there could be a potential issue of thermal bypass if the timber frame is 20-50mm set back from the stone, it is of course essential to vent the cavity in this situation. There need to be a breather membrane (or a product like bitroc board) to act as the wind barrier in this instance.

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**Ele George:** I think we answered all this in discussions. There isn't waste hemp in the process. It's grown specifically for this and other purposes

**Joshua Wood:** Does the flexible insulation have useful thermal mass or just the more rigid stuff?

**Julia Behrendt:** I think Edinburgh Napier is looking into Scottish woodfibre - but hemp seems a lot easier and faster to grow in terms of terrain, machinery, processing etc.

**Julia Behrendt:** Great to be able to recommend this to local people looking to DIY retrofit.

**Charlotte - TGR Host:** <https://www.greenregister.org.uk/events/event/rtb-sep-2025/> If you're looking at older buildings, you may want to join our Retrofitting Traditional Buildings training sessions starting this month

**Fiona V, fiv-architecture:** Are we able to get an indication at this moment in time of the cost per m2 of each product & what standard "widths" the roll out floor & wall insulation is?

**Áine Scott:** Hi Fiona, I would need to refer you to the sales teams for costing. Can you email me and I'll have them contact you tomorrow. aine@indinature.co

**Joshua Wood:** That looked like timber frame with no cavity?

**Greg Adams:** Was that finished with gypsum plaster?

**John Carter:** Thank you

**Amy Starr:** Thank you!

**Rachel Luckett:** Thanks

**Sharareh Azar:** Thank you :)

**Julia Behrendt:** Thank you for the presentation and dedication to developing this!

**Emma Humphreys:** Thank you very much

**Salome Rush:** Thank you

**Hugh Alexander:** Thank you. Interesting materials

**Roosje:** Thank you

**Áine Scott:** aine@indinature.co

**Matthew Welsby:** Thank you.

**Joshua Wood:** Thank you, great stuff and keen to specify

**Gem:** Thank you. Really interesting product.

