

From: Ian Murray [REDACTED]
Sent: 06 June 2017 13:43
To: Daphney Haywood
Cc: Laurent Lemagnen
Subject: Re: Hayling Billy- amended plans

How much soundproofing does polyurethane foam provide?

Foam insulation makes for a more effective sound barrier than batts, as there aren't any small gaps for sound to pass through alongside the beams and joists. This total coverage also helps to buffer the beams so that they don't vibrate as much, further dampening sound transmission. Polyurethane is known to be very good at straining out mid-range frequencies (like conversation and loud music). For inner walls, using the less-dense open cell foam may be a better choice to prevent noise, but it's worth remembering that it's also much less waterproof, and will require moisture barriers. Specific Rw values will largely depend on what other materials you're using in wall construction as these will affect the resonance capabilities of the wall as a whole. is known to be very good at straining out mid-range frequencies (like conversation and loud music)

The insulation panels are 75mm foam

Hi I have spoken to Laurent and he is happy to accept this

Best Regards

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