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Specialists in Acoustic Flooring and House to Flat Conversions

Isonat Insulation Data Sheet

Isonat® is a natural insulation made in slabs from hemp and recycled cotton fibres. It can be used in timber walls, floors, sloping ceilings and lofts.

The hemp is grown by farmers in the UK, processed in the UK then sent to France for manufacture (hopefully it will be manufactured in the UK in the future). Hemp is grown without the use of herbicides or pesticides and locks up carbon dioxide during growth. The recycled cotton fibres are sourced close to the factory. The slabs are held together by a small addition of thermoplastic binder.

As Isonat® is made from natural fibres it does not irritate the eyes, skin, or respiratory tract and so it is not necessary to use protective equipment when handling it.

Specification

Isonat® is authorised for use throughout the EU by the Centre Scientifique et Technique Du Batiment(CSTB) in France. Isonat® is treated with a fire retardant to provide a Euroclass E fire rating and conforms to the requirements of the Building Regulations. Thermal Conductivity 0.039 W/mK. Density 35 kg/m³.

Isonat® comes in slabs 1200mm long, 50/75/100mm thick and either 400mm/600mm wide.



**In terms of precise Noise Reduction Figures it depends largely on what type of floor construction you are placing this material in, for accurate advice on whether this product is suitable or for a quote, please

call **0845 5212 096**

Please note, the success of any acoustic system, will depend entirely on the construction of the existing building and finishing detail, to the extent that we can not guarantee the level of noise reduction that will actually be achieved. It is the clients responsibility to check the quantities of materials ordered are correct as shortages will have to be paid for separately and to check with Local Building Control on possible testing requirements.

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