



ISOLMANT BIO MK 5 e BIO Fascia Perimetrale

DESCRIPTION

Soundproofing mat composed of Kenaf plant fibres interwoven and compacted together using a mechanical needle punching process without chemical additives. The product is coupled on the top with a polythene film which protects the plant fibres below.

Kenaf is a plant in the Malvaceae family and comes from cultivations which do not require the use of pesticides or herbicides. Waste from the fibre extraction process is reused as fodder and environmentally-friendly fuels.

Position with the transparent film facing upwards.

THICKNESS

Approx. 5 mm.

NOISE ABATEMENT

$\Delta L_w = 23$ dB

DYNAMIC STIFFNESS

$s'_t = 40$ MN/m³

FORMAT

1.0 m x 20 m (h x L) = 20 m² rolls



To detach the screed from the walls, it is advisable to use ISOLMANT BIO Fascia Perimetrale (Kenaf, 5 mm thick with film) supplied in rolls with 7 reels; h 14 cm/each and L 20 m, for a total of approx. 140 linear metres.

WARNING:

This technical data sheet is not a valid specification. It is up to the user to establish whether the product is suitable for the intended use.

FIELDS OF USE

Isolmant BIO MK 5 is a soundproofing mat used as a resilient layer to create floating screeds. The product is recommended in all cases where it is necessary to achieve a good level of soundproofing against impact noise, at the same time having high levels of technical performance, environmental sustainability (renewable raw materials) and environmental compatibility.

SPECIFICATION

Resilient layer to protect against impact noise composed of composed of a natural, insulating material based on Kenaf virgin plant fibres mixed with a small amount of cross-linking fibre, coupled on the top with a transparent, waterproof, polythene film to ensure that the screed does not impregnate the fibres in the casting phase. It is imputrescible, cannot be attacked by insects or rodents, is resistant to mould and 100% recyclable.

Density approx. 120 kg/m³.

Thickness approx. 5 mm.

Dynamic stiffness $s'_t = 40$ MN/m³.

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TECNASFALTI

Via dell'Industria 12, Località Francolino
20080 Carpiano (Mi) Tel. +39 02 9885701
Fax +39 02 98855702 clienti@isolmant.it
www.isolmant.it