



# Acoustilay TileMat

Acoustic Insulation for Ceramic and Stone tiles



Acoustilay TileMat is the latest member of the Acoustilay family – specifically designed for installation under ceramic and stone floor tiles.

Like SRS Acoustilay, Acoustilay TileMat is easy to install and manufactured using recycled materials. Acoustilay TileMat can be used in new build projects, refurbishments and conversions. Made from recycled rubber and EDPM, TileMat has been developed to maintain excellent acoustic properties throughout the life of the product to give long lasting impact sound insulation.

## Roll Sizes

Roll Length/Width: 5m x 1.25m (6.25m<sup>2</sup>)

Roll Thickness: 10mm

Weight: 8.2kg/m<sup>2</sup> (51.25kg per roll)

## Technical Data

Colour: Black/green granulate structure

Tensile Strength: 0.56 MPa (DIN 53571)

Elongation at Break: approx. 57% (DIN 53571)

Density: 820kg/m<sup>3</sup>

Service Temp: -40°C to +110°C

Flammability Rating: B2

Impact Sound: 21dB  $\Delta L_w$

## Acoustic Performance

When tested beneath a ceramic tile floor finish on a concrete floor structure Acoustilay TileMat improved the impact sound insulation performance of the floor from

66dB to 53dB  $L_{nT,w}$  (tests carried out 16/2/2012 by UKAS accredited acoustic consultants Soundtesting.co.uk)

## Installation Guidance

Any levelling of the floor should be carried out prior to the installation of Acoustilay TileMat.

Acoustilay TileMat should be acclimatized to ambient conditions within the room at least 24 hours prior to fixing. Rolls should be unwound and allowed to relax.

Acoustilay TileMat should be cut to room dimensions ensuring that the joints run horizontally to any floor joint runs.

Ensure the surfaces are clean, dry, levelled and smooth before applying approved Acoustilay TileMat Adhesive for the installation of the Acoustilay TileMat.

Allow the adhesive to fully cure at least 24 hours prior to the installation of ceramic or stone tile flooring.

Lay ceramic or stone tile flooring onto Acoustilay TileMat using Mapei Elastorapid 2 Part Adhesive. Grout tiles using an approved cementitious grout with flexible additive.

Avoid point and impact loading of the floor for at least 3 days after installation.

Ensure that a 5mm isolation joint is achieved to all perimeters and sealed using SRS acoustic sealant

There are a vast number of floor finishes available, and, as such, the installation guidance in this datasheet is given in good faith and to the best of our knowledge. The final decision regarding the compatibility of any floor finish installed onto Acoustilay TileMat must remain the responsibility of the flooring contractor / installer. If in any doubt, please seek advice from the floor finish manufacturer.

## Handling

Each Acoustilay TileMat roll weighs **51.25kg** – Please follow the Health and Safety Executive's recommended handling guidance when off-loading and installing Acoustilay TileMat.



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