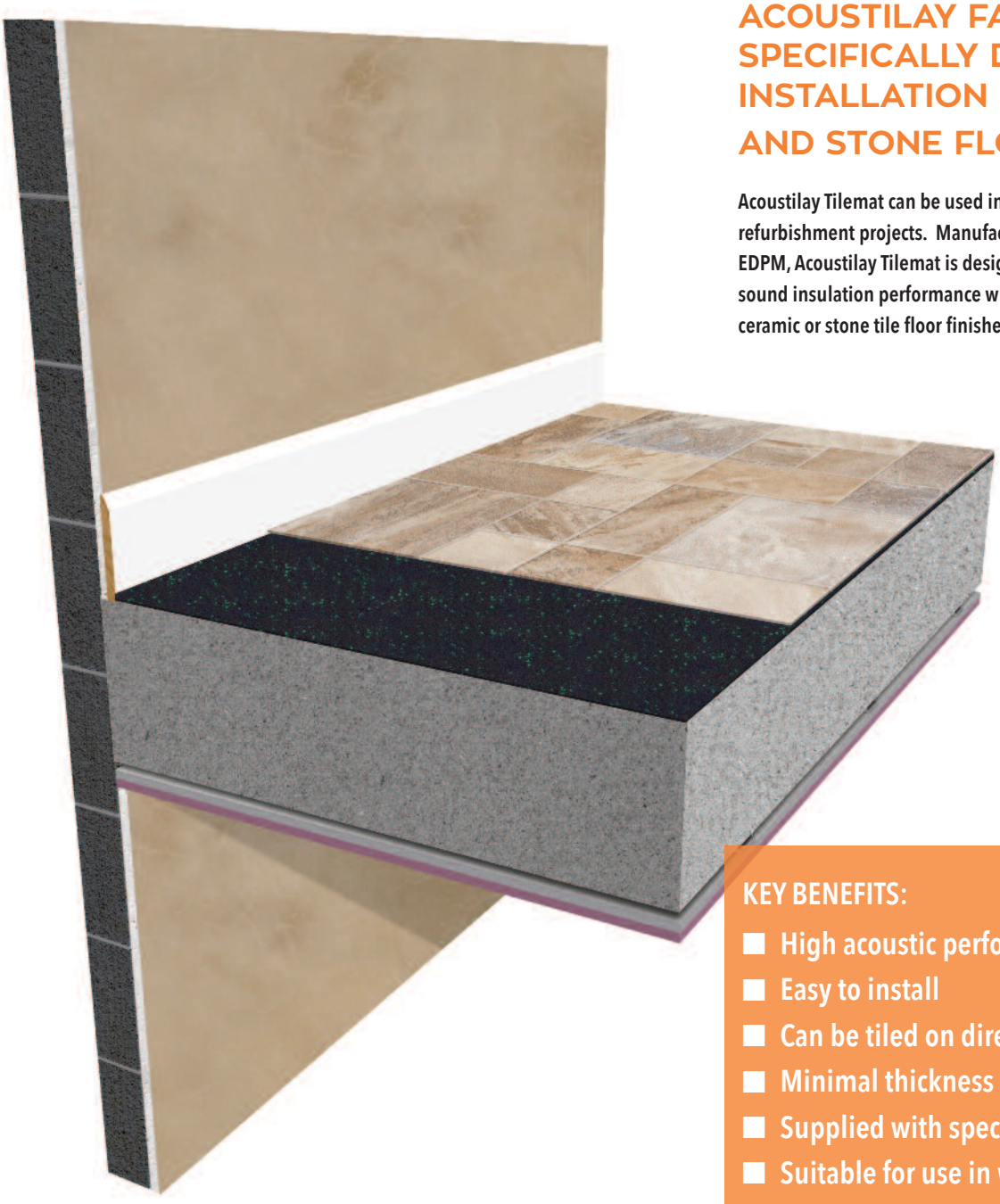
Uniclass	EPIC
L586+L542:N372	E42+E512:Y45
CI/SfB (43)+(45)	R+T (P2)

ACOUSTILAY TILEMAT

Acoustic insulation for tiled floors

A SOUND REDUCTION SYSTEMS PRODUCT



ACOUSTILAY TILEMAT: THE LATEST MEMBER OF THE ACOUSTILAY FAMILY – SPECIFICALLY DESIGNED FOR INSTALLATION UNDER CERAMIC AND STONE FLOOR TILES.

Acoustilay Tilemat can be used in new build, conversion, and refurbishment projects. Manufactured from recycled rubber and EDPM, Acoustilay Tilemat is designed to give long lasting impact sound insulation performance whilst giving sufficient stability for ceramic or stone tile floor finishes.

KEY BENEFITS:

- High acoustic performance
- Easy to install
- Can be tiled on directly
- Minimal thickness - 10mm
- Supplied with specialist, flexible adhesive
- Suitable for use in wet areas

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INSTALLATION GUIDANCE

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. 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 cementicious 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.

ACOUSTIC PERFORMANCE

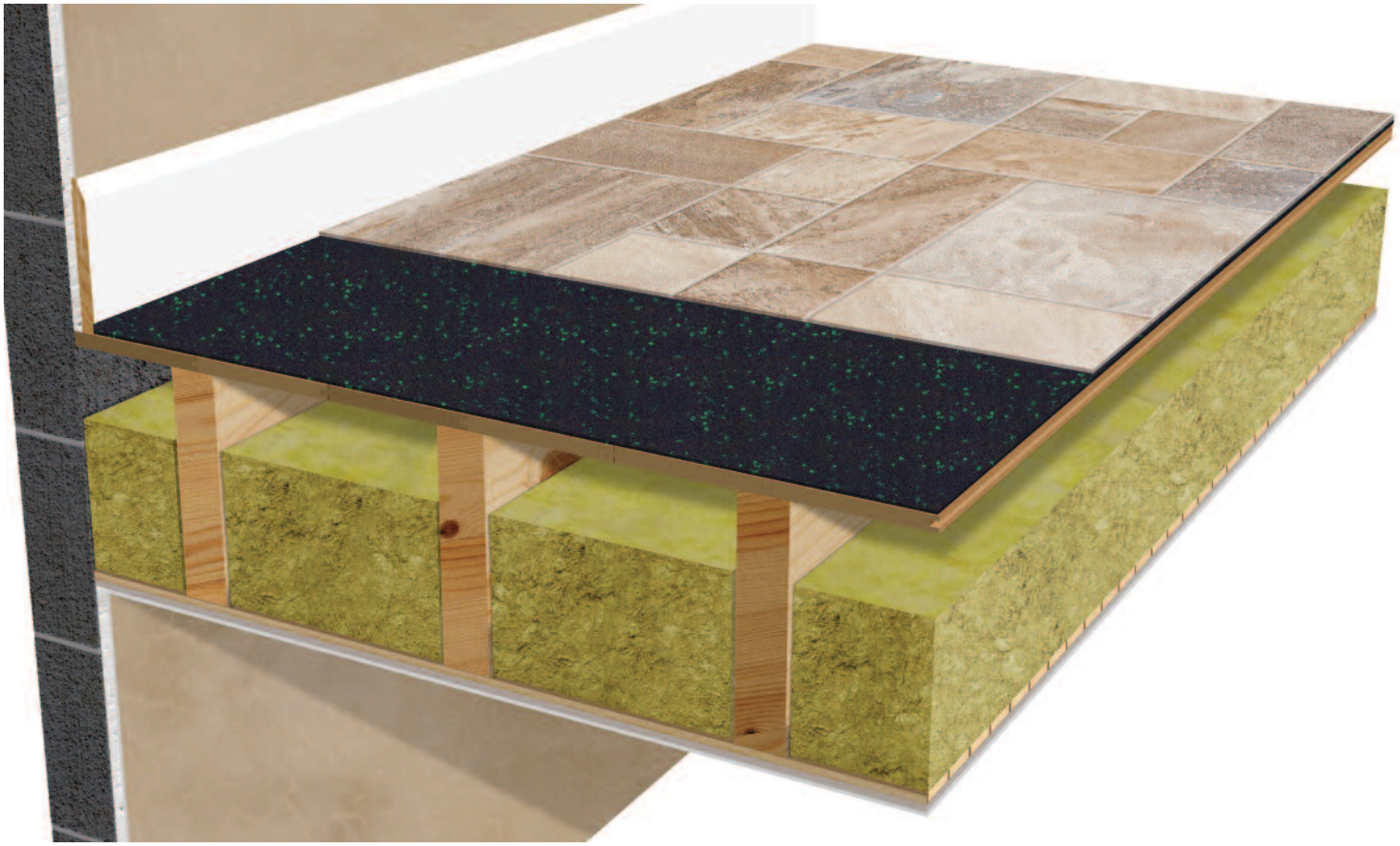
When tested beneath a ceramic tile floor finish on a concrete floor structure Acoustilay Tilemat improved the impact sound insulation performance of the floor from 66dB to 53dB $L_{nT,w}$ (tests carried out 16/2/2012 by UKAS accredited acoustic consultants Soundtesting.co.uk)

ACOUSTIC DATA

Building Regulations Part E - Resistance to the Passage of Sound

Dwelling-houses and flats - performance standards for separating floors and stairs that have a separating function.		
	Airborne Sound Insulation $D_{nT,w} + C_{tr}$ dB (minimum values)	**Impact Sound Insulation** $L'_{nT,w}$ dB (maximum values)
Purpose built dwelling-houses or flats Floors + Stairs	45	62
Dwelling-houses or flats formed by material change of use Floors + Stairs	43	64

Rooms for residential purposes - performance standards for separating floors, and stairs that have a separating function.		
	Airborne Sound Insulation $D_{nT,w} + C_{tr}$ dB (minimum values)	**Impact Sound Insulation** $L'_{nT,w}$ dB (maximum values)
Purpose built rooms for residential purposes Floors + Stairs	45	62
Rooms for residential purposes formed by material change of use Floors + Stairs	43	64



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PHYSICAL PROPERTIES AND ACCESSORIES

TileMat Adhesive 15L tub - to bond the TileMat to the subfloor. (approx. 40sqm coverage)

Acoustilay TileMat Tile Adhesive - to bond the tiles to the Tilemat. (approx. 5-8sqm coverage) 2 Part System comprising: 20kg Powder + 5kg Liquid.

ACOUSTILAY TILEMAT	LENGTH/WIDTH	THICKNESS	WEIGHT
	5m x 1.25m ($6.25m^2$)	10mm	$8.2Kg/m^2$ (51.25kg per roll)

ACOUSTILAY TILEMAT	TECHNICAL DATA
Colour	Black/green granulate structure
Tensile Strength	0.56 MPa (DIN 53571)
Elongation at Break	approx. 57% (DIN 53571)
Density	$820kg/m^3$
Service Temp	-40°C to +110°C
Flammability Rating	B2
Impact Sound	21dB ΔL_w

HANDLING

Each Acoustilay Tilemat roll weighs 51.25kg – Please exercise caution and follow the Health and Safety Executive's guidance when lifting and installing Acoustilay tilemat. Guidance on the safe handling of heavy goods can be found at www.hse.gov.uk.

GENERAL NOTES

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.

Good practice applies in all cases. prior to installation of Acoustilay Tilemat the floor should be level, clean, and dry. Acoustilay Tilemat should be allowed to acclimatise to site conditions prior to installation.

OTHER PRODUCTS IN THE SRS ACOUSTIC FLOORING RANGE:

ACOUSTILAY: The perfect product for sound insulating floors in domestic and commercial environments

ACOUSTILAY TILEMAT: the latest member of the Acoustilay family – specifically designed for installation under ceramic and stone floor tiles.

SUBPRIMO: a high performance acoustic underlay product, specifically designed for use beneath timber floor finishes such as laminate, engineered and solid wood.

ISOLAYTE OS: A versatile resilient layer designed to be used beneath most decorative floor finishes to reduce the transmission of impact sound through the floor.

ISOLAYTE US: A resilient layer design to be used between the concrete floor and the screed to reduce the transmission of impact sound through the floor.

IMPACTAFOAM: Designed to form a resilient layer reducing impact noise transmission in concrete and timber floors.

SOUND REDUCTION SYSTEMS

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