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One of the isomass systems range

isocheck™ ReMat Eco Systems



IMPACT IMPROVEMENT SYSTEMS FOR CONCRETE FLOORS

- New build
- Conversion
- Refurbishment
- Complies with certain robust details*

Independently laboratory tested

Institute of Acoustics Sound • Noise • Vibration 1974-2024 Sponsoring Organisation

Made from recycled material

QAS International ISO 9001:2015 REGISTERED COMPANY

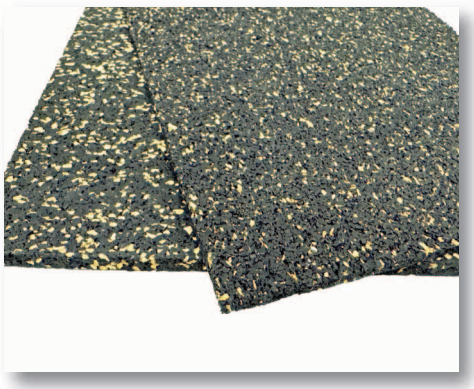
Taking the *mystery* out of Acoustics

DESCRIPTION

- ReMat Eco is designed to reduce impact sound transmission through concrete floor decks. Can also be used with certain types of timber based floor.
- Isocheck ReMat Eco consists of a 3mm or 4.5mm layer of matting constructed from recycled rubber and cork mixed with a polymer binder to form a resilient mat.
- Isocheck Remat Eco is composed from a higher density mix of rubber and cork to provide a typically more stable substrate to various floor finishes.

APPLICATIONS

- ReMat Eco is suitable for most types of floor finishes including carpet, solid or laminated wood, wood effect, laminate floors and certain types of vinyl.
- ReMat Eco may be suitable for traditional tiled finishes but only when overlaid with suitable tile backer board and proprietary tile backer mat. Please contact Isomass for specification advice.



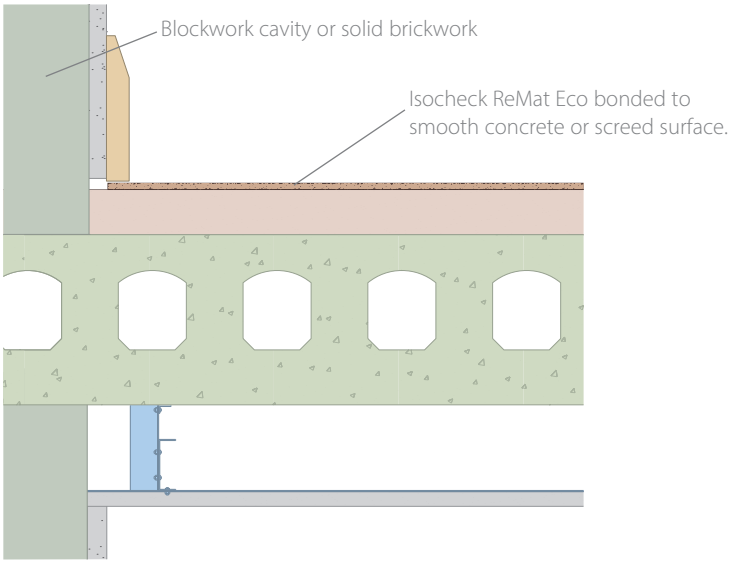
isocheck™ acoustic insulating products

isocheck™

impact improvement system

Product data

Roll size:	ReMat Eco 3mm	1m x 15m x 3.0mm
	ReMat Eco 5mm	1m x 10m x 4.5mm
Colour:		Black & Beige
Density:		circa 730kg/m^3
Thermal tog rating -	3mm	0.33
	4.5mm	0.75
Acoustic Performance:		18dB



- Isocheck ReMat Eco bonded to structural sub-floor.
- ≥300kg/m^2 hollow core concrete planks/solid-cast concrete with 80kg/m^2 sand/cement screed or 40mm proprietary screed. NB: concrete floor must be located onto blockwork in order to minimise flanking noise transmission.
- Typically 100mm void formed by metal frame suspended ceiling system and ≥10kg/m^2 gypsum board ceiling

Benefits

- Excellent sound insulation
- Suitable for various floor types
- Eco friendly and durable
- Superior cushioning
- Thermal insulation

SPECIFICATION

The acoustic floor shall be:

- Isocheck ReMat Eco system, supplied by Isomass Ltd. Unit 14 Papworth Business Park, Stirling Way, Papworth Everard, Cambridgeshire CB23 3GY and installed in accordance with manufacturer's instructions / recommendations.

INSTALLATION

- Bond Isocheck ReMat using Isocheck ReMat Adhesive over the entire level screed with all joints butted.
- ReMat Eco systems are two of a number of acoustic floor solutions that could complement the requirement for underfloor heating. Please contact Isomass for advice.
- Full installation instructions are available and must be used in conjunction when laying this floor system. Please contact Isomass for technical advice.

* Please contact Isomass for discussion regarding Robust Details

Every effort has been taken in the preparation of this sheet to ensure the accuracy of representations contained herein. Recommendations as to the use of materials, construction details and methods of installation are given in good faith and relate to typical situations. However, every site has different characteristics and reliance should not be placed upon the foregoing recommendations. Advice can be given as to specific applications of the products, upon request to Isomass Ltd.

www.isomass.co.uk

isomass® building acoustics

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