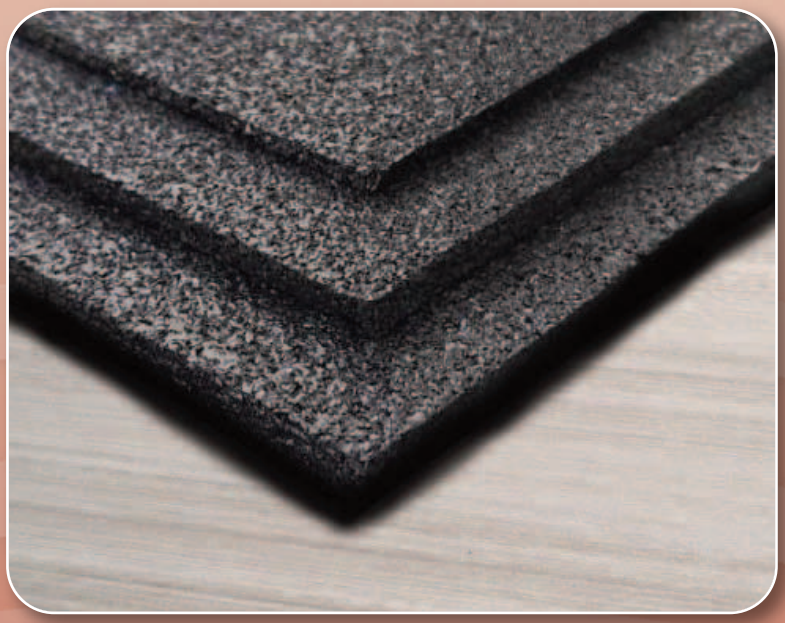
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One of the isomass systems range

isocheck™

ReMat Base System



DESCRIPTION

- The Isocheck ReMat Base range is developed for enhanced impact sound performance whilst still retaining the durability of the traditional high mass and robust underscreed systems that are a common feature in high performance separating floors today.
- Isocheck ReMat Base comprises 3mm, 6mm or 10mm recycled rubber aligning with our commitment to an eco-friendly environment
- Our ReMat Base is quick and easy to install and offers excellent sound attenuation and resistance to compressive loads.

BENEFITS

- Excellent value when compared to its rivals.
- Higher load capability over all foam/fibre based systems.

UNDER SCREED SYSTEMS FOR ALL TYPES OF CONCRETE FLOORS

- New build
- Refurbishments
- Conversions

NHBC TESTED BY NHBC ACOUSTIC SERVICES

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

QAS International ISO 9001:2015 REGISTERED COMPANY

Taking the *mystery* out of Acoustics

isocheck™ acoustic insulating products

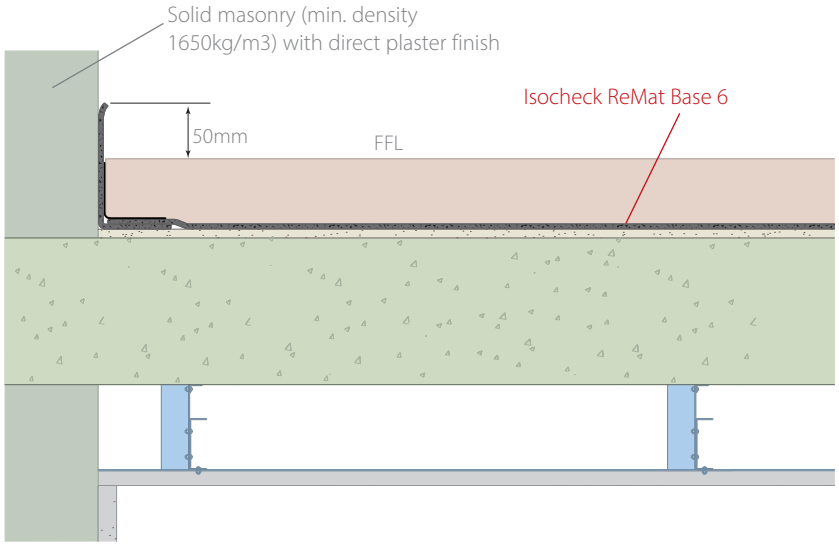
isocheck™ under screed system

Product data

Dimensions:	ReMat Base 3	1m wide x 10m long x 3mm thick rolls
	ReMat Base 6	1m wide x 8m long x 6mm thick rolls
	ReMat Base 10	1m wide x 5m long x 10mm thick rolls
Composition:		Recycled rubber sourced from EU only
Density:		circa 700kg/m^3
Shore A Hardness:		56
Slip Resistance - Wet pendulum:		Class X
Slip Resistance - Dry pendulum:		Class F
Temperature:		-25 to 105 °C

Performance (on the construction below)

Treated floor with: Re-Mat Base 6	Construction complies with the latest version of Approved Doc E of the building regulations. Under separate UKAS accredited site tests, the construction below was found to provide: $D_{nT,w} + C_{tr} \geq 48dB$ and an $L'_{nT,w} \leq 50dB$.



- min 80kg/m² - 65mm sand cement screed or 40mm liquid proprietary screed.
- Proprietary damp proof membrane, min. 1000 gauge with fully taped joints
- Isocheck ReMat Base.
- ≥300kg/m² min. mass concrete floor with optional levelling screed.
- Typically 100mm min. void formed by metal frame suspended ceiling system and ≥10kg/m² fire-rated board ceiling.

SPECIFICATION

The acoustic floor shall be:

- Isocheck ReMat Base 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

- The floor surface should be swept free of any loose debris that may damage or bridge the system.
- Lap joint (min. 50mm overlap) and tape all roll edges of isocheck ReMat Base. At perimeters overlap ReMat Base onto a right angled Isocheck Flanking Strip which should be turned up all vertical surfaces to allow a minimum 50mm to protrude above the intended FFL of the screed.
- Perimeter overlaps should be sealed with Isocheck ReMat Jointing Tape, min 100mm wide.
- Services that penetrate the screed should be isolated by wrapping with ReMat Base which again would be taped.
- When trafficking the floor take care not to perform any unnecessary actions that may cause any of the taped joints to be forced apart or tearing of the ReMat Base.

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

Isomass Limited, Unit 14 Papworth Business Park, Stirling Way, Papworth Everard, Cambridgeshire CB23 3GY

Tel: 0330 175 8228 • Email: info@isomass.co.uk