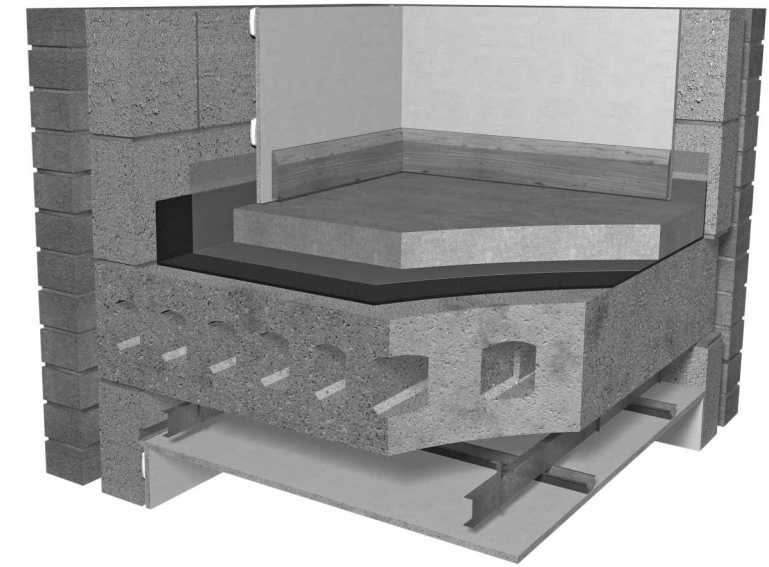
isocheck™
acoustic insulating products

Issue 1.1 October 2026

One of the isomass systems range

Installation instructions

Isocheck ReMat Base System



UNDER SCREED SYSTEMS FOR ALL TYPES OF CONCRETE FLOORS

- New build
- Refurbishment
- Conversions

NHBC
TESTED BY NHBC ACOUSTIC SERVICES

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

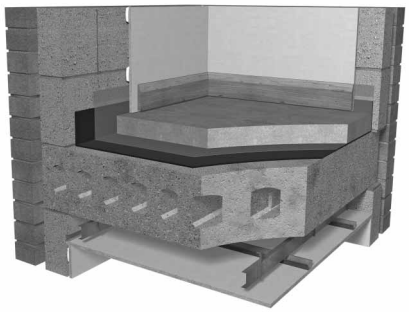
QAS International
ISO 9001:2015
REGISTERED COMPANY

PRODUCT DATA

Overall size:	ReMat Base 3	1m x 10m x 3mm
	ReMat Base 6	1m x 8m x 6mm
	ReMat Base 10	1m x 5m x 10mm
Composition:		Recycled rubber sourced from EU only

DESCRIPTION

- ❏ The Isocheck ReMat Base system from Isomass features a 3, 6 & 10mm Recycled rubber that has been designed to be placed within a masonry structural floor directly below the screed.
- ❏ This isolates the screed from the structural sub floor, and provides sufficient impact reduction to place it amongst the top performing systems available.



- ❏ 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.

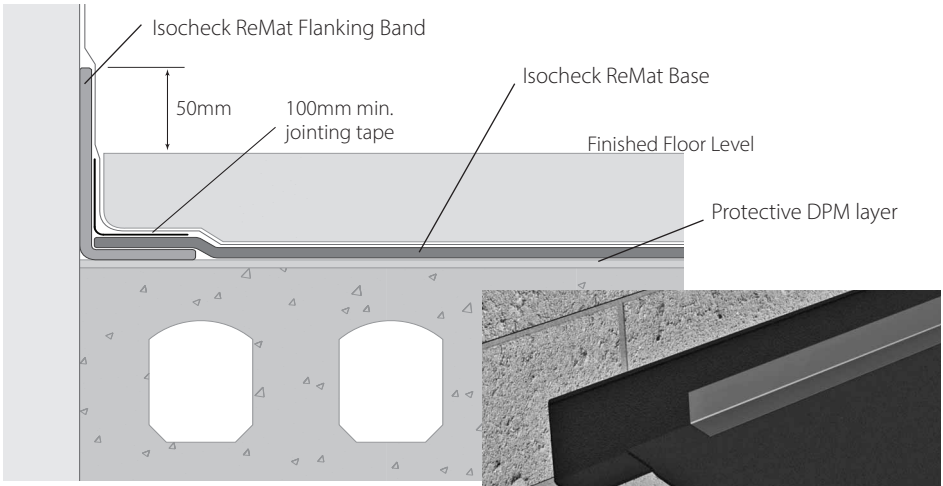
PREPARATION

- ❏ Ensure Isocheck ReMat Base is stored in a dry, ventilated area.
- ❏ The floor surface should be swept free of any loose debris that may damage or bridge the system.
- ❏ Unroll Isocheck ReMat Base and allow to rest for a few hours before measuring and cutting. Cut using a sharp knife and a straight edge.

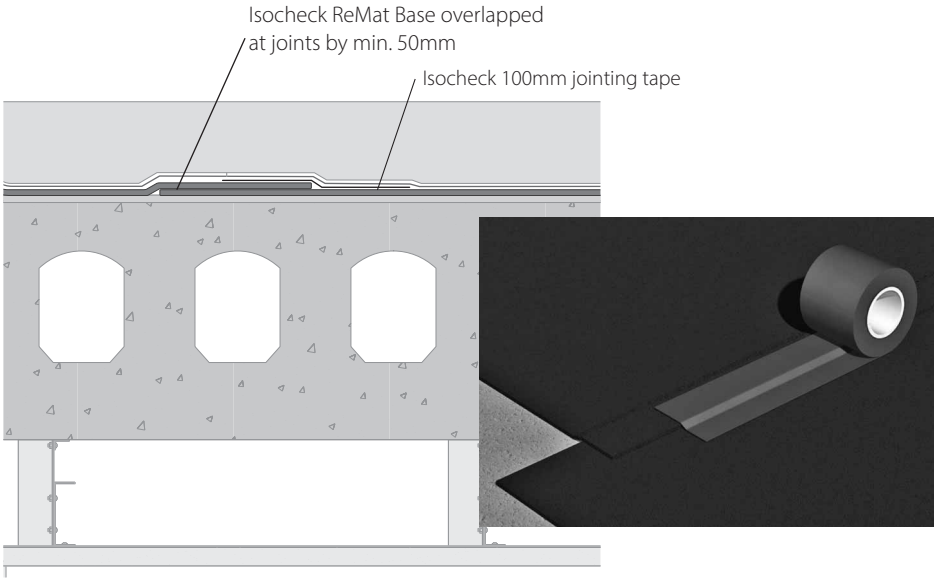
INSTALLATION

- ❏ Lap joint (min. 50mm overlap) and tape all roll edges of isocheck ReMat Base with Isocheck 100mm jointing tape.
- ❏ 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. This upstand is designed to prevent screed from connecting directly with the structural wall.
- ❏ Before screeding a min. 1000 gauge DPM layer should be rolled out over the Remat base and up the walls with fully taped joints. This will help to prevent screed migration. Overlap all joints in the DMP layer by 100mm and seal with waterproof tape.
- ❏ Protect the ReMat Base layer from other trades. When trafficking the floor take care not to perform any unnecessary actions that may cause any of the taped joints to be forced apart.
- ❏ Screed can then be poured over the DPM, typically to a depth of 65mm.
- ❏ Any services that penetrate the screed should be isolated by wrapping with Isocheck ReMat Base and then taped to the main layer.

If in doubt on any area, please call Isomass prior to commencement of work.



Lap-joint Isocheck ReMat Base to flanking strip and seal with Isocheck 100mm Jointing tape.



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.

isomass® building acoustics

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