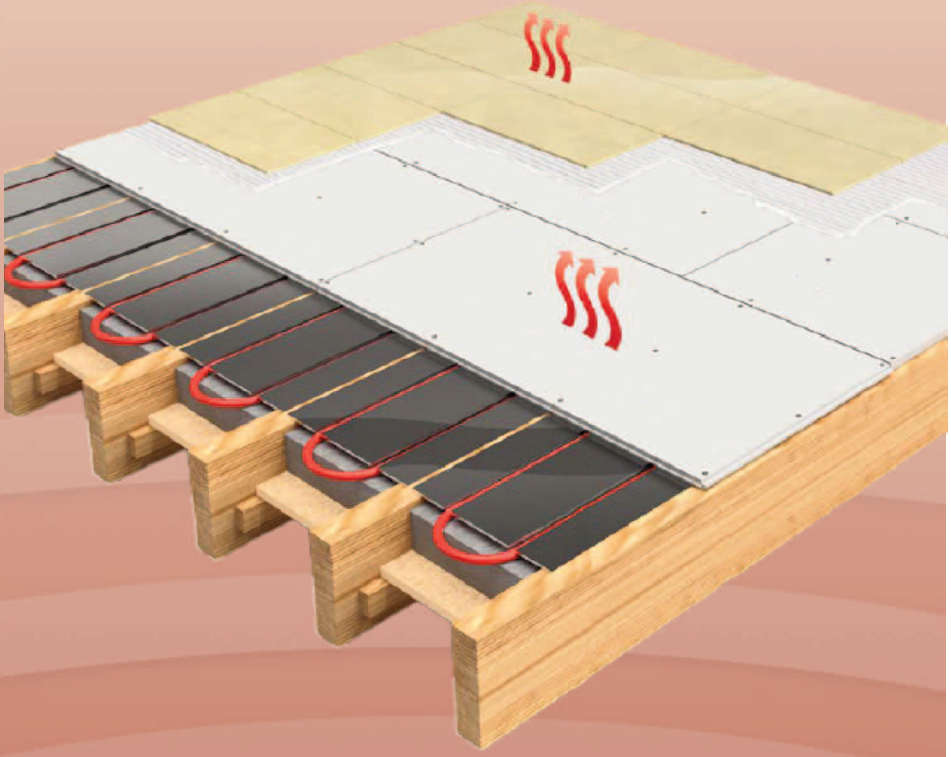
Issue 1.1• May 2026

One of the isomass systems range

isocheck™

Isocheck Dryscreed HP



HIGH DENSITY CEMENT BOARD DIRECT TO JOISTS AND OVERLAY

- New build
- Refurbishments
- Conversions
- Listed buildings

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

QAS International ISO 9001:2015 REGISTERED COMPANY

Independently laboratory tested

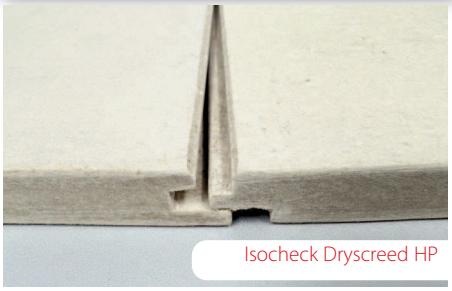
Taking the *mystery* out of Acoustics

DESCRIPTION

- The Isocheck Dryscreed HP is a high density load bearing board that can be fitted direct to timber or steel joists without the need for additional layers before tiling.
- Manufactured from Portland cement, cellulose fibres, sand, water and other minor aggregates.
- Isocheck Dryscreed HP boards absorb and release heat efficiently making them compatible with all types of wet and electric underfloor heating systems.
- Four sided tongue and groove means they slot together easily and as board edges don't have to fall onto joists, they can be laid quickly with fewer cuts and less material waste.

APPLICATIONS

- To be used on any floor that's typically finished with tiles. Bathrooms, wet rooms, hallways, kitchens and new extensions- especially when specified with underfloor heating.



Isocheck Dryscreed HP

isocheck™
acoustic insulating products

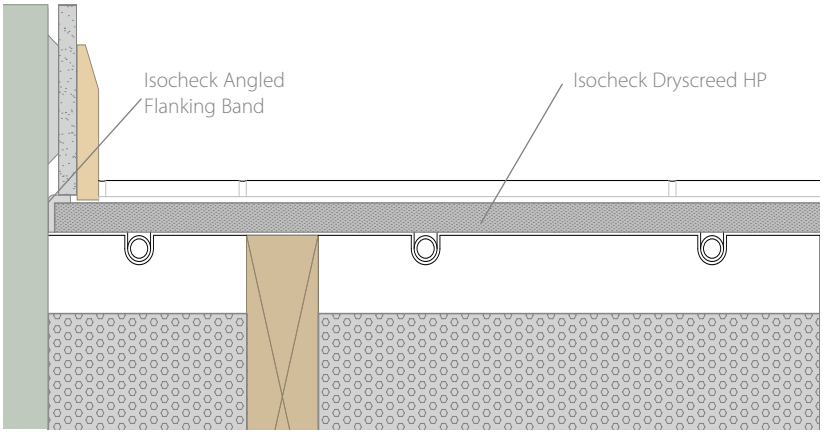
isocheck™

acoustic floor system

Product data

	18mm	22mm
Overall size:	1200mm x 600mm	1200mm x 600mm
Weight:	18.8 kg per board	24.8 kg per sheet
Density:	1.28 g/cm^3	1.28 g/cm^3
Thermal conductivity:	0.26687 W/mK	0.27907 W/mK
U Value:	0.1047 Wm^{2}K	0.1279 W/m^{2}K
Compressive strength:	37.7 MPa	34 MPa
Fire Rating:	Euro Class A1 Non-Combustible (A1fl) EN ISO 1182 & EN ISO 1716	Euro Class A1 Non-Combustible (A1fl) EN ISO 1182 & EN ISO 1716

- Isocheck Dryscreed HP is load bearing and can be fitted direct to timber or steel joists without the need for additional layers before tiling.
- Four sided tongue and groove jointing means they slot together easily and as board edges don't have to fall onto joists, they can be laid quickly with fewer cuts and less material waste.
- High density fibre cement is superior to chipboard. Isocheck Dryscreed HP boards resist water, so it can often stand on site without weather damage allowing site construction to continue regardless of bad weather.
- These boards absorb and release heat efficiently making them compatible with all types of wet and electric underfloor heating systems. Also, they don't lose shape over time, so no squeaks guaranteed.
- High mass results in superior airborne noise reduction when compared to typical construction boards such as chipboard, OSB, plywood or MDF



- Tile finish installed with proprietary tile backer mat and suitable flexible adhesive and grout.
- Isocheck Dryscreed HP direct to joists.
- 200mm x 70mm joists @ 450mm centres insulation between joists.
- Can be used in conjunction with various under floor heating systems

SPECIFICATION

The structural floor shall be:

- Isocheck Dryscreed HP, 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

- Apply Isocheck Angled Flanking Band, where applicable, on the edges of the Isocheck boards just before they are pushed against the perimeter walls to isolate the board from the wall.
- Lay Isocheck Dryscreed HP in brick bond pattern, apply a bead of DryScreed Adhesive to all tongued and grooved joints.
- Screw fix boards to joists.
- Full installation instructions are available and must be used in conjunction with the laying of this board system.
- Isocheck Dryscreed HP can also be used when creating a floating floor system, for example by laying it as a floated system over a suitable resilient layer. Please contact Isomass for advice.

Please ask Isomass for guidance on treatment of services and penetrations, consult our brochure or visit our website.

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