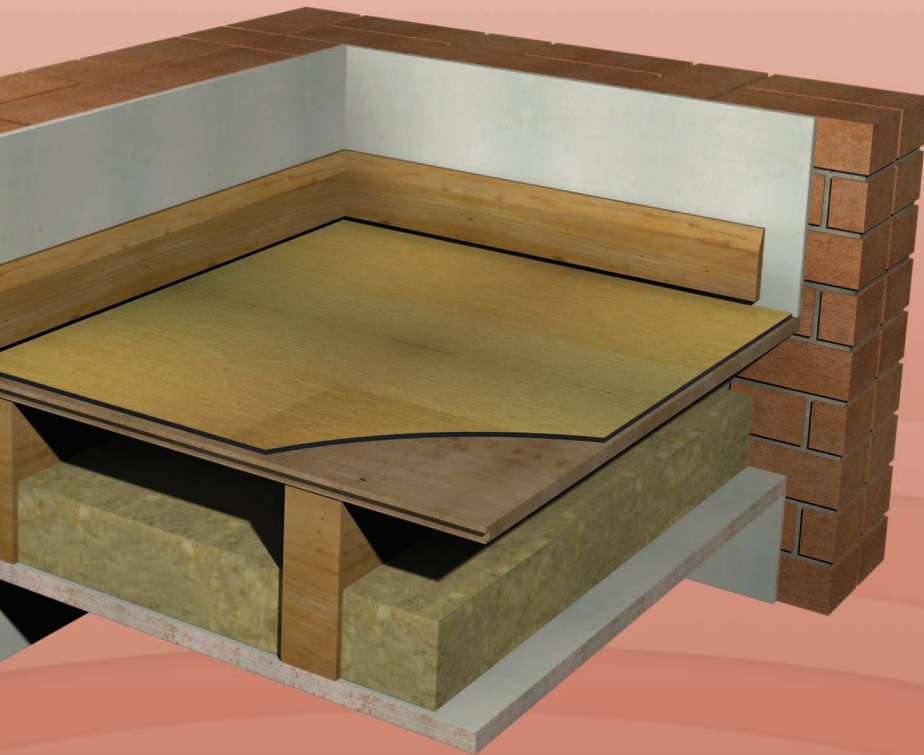


isocheck™ Underwood System



IMPACT & AIRBORNE IMPROVEMENT SYSTEM

- Refurbishments
- Conversions
- Listed buildings requiring minimal structural change

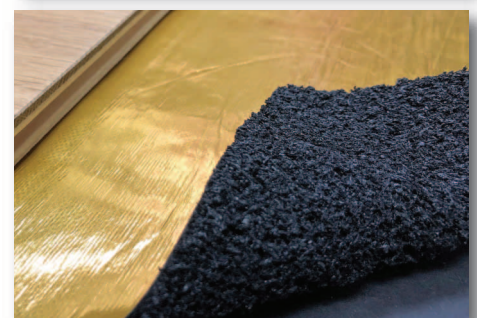


DESCRIPTION

- ❑ The isocheck Underwood system is designed to be used under laminate and wood flooring. It is designed to provide resilience, durability and support to protect the floor covering against undue stress.
- ❑ Isocheck Underwood is a light weight, 3.5mm thick layer of recycled rubber crumb (mainly vehicle tyres) bound together in a unique latex formulation. This high content of recycled raw materials ensures that the product has strong environmental credentials.
- ❑ Isocheck Underwood's integrated metalised scrim ensures good resistance to moisture transmission thereby eliminating the need for an additional polythene sheet.

APPLICATIONS

- ❑ To be used over floorboards or concrete floors for conversions, refurbishments or listed buildings requiring minimal structural change.



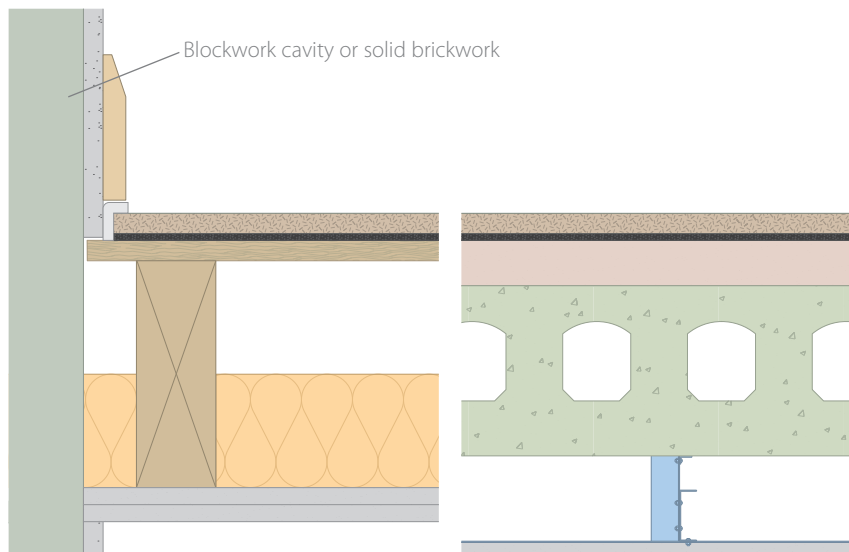
Taking the *mystery* out of Acoustics

Product data

Overall size:	1000mm x 10m roll
Resilient layer:	3.5mm recycled rubber crumb
Weight:	12.6kgs per roll (1.2kg/m ²)

Performance

Isocheck Underwood will typically achieve up to **26dB** ΔL_w in laboratory conditions.



- ❑ Laminate or wood flooring.
- ❑ Isocheck Underwood.
- ❑ floorboards over 200mm x 70mm timber joists @ 450mm centres.
- ❑ 100mm 45Kg/m³ insulation between joists.
- ❑ 25mm o/a double boarded ceiling (min. 20kg/m²) fixed to timber joists.
- ❑ Acoustic flanking band reduces impact vibration leaking via structural walls and assists in reducing airborne sound paths (on both constructions).

OR

- ❑ Laminate or wood flooring.
- ❑ Isocheck Underwood.
- ❑ $\geq 300\text{kg/m}^2$ hollow core concrete with 80kg/m² sand/cement screed or 40mm screed.
- ❑ min. 75mm void formed by metal frame suspended ceiling system with $\geq 10\text{kg/m}^2$ gypsum board ceiling (top) **or**
- ❑ 50 x 75mm timber battens.
- ❑ $\geq 10\text{kg/m}^2$ gypsum board ceiling supported on resilient bars @ 400mm centres, perpendicular to the battens min 75mm below underside of sub-floor.

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 building products.

SPECIFICATION

The acoustic floor shall be:

- ❑ Isocheck Underwood, supplied by Isomass Ltd. Units 10 & 11, Avenue Business Park, Off Brockley Road, Elsworth, Cambridgeshire, CB23 4EY and installed in accordance with manufacturer's instructions / recommendations.

INSTALLATION

- ❑ Lay isocheck Underwood over the entire level floor with all joints butted.
- ❑ Most t&g or interlocking laminate panel floor finishes can be laid directly onto isocheck Underwood. If in doubt please contact us with the floor specification.
- ❑ Finished timber floors should be isolated from the skirting using isocheck Acoustic Flanking Band.
- ❑ Isocheck Underwood is also suitable for use in underfloor heating systems.
- ❑ Full installation instructions are available and must be used in conjunction when laying this floor system.

For advice on treatment of services and penetrations, consult our brochure or visit our website.

Please ask Isomass for guidance when considering the weight of any new blocks which will be incorporated in a wall directly surrounding a timber separating floor.