



RD ACOUSTIC INSULATION GUIDE FOR SEPARATING WALLS

Introduction to Isover

As part of the Saint-Gobain Group, we believe in making the world a better home. Our vision is to be the worldwide leader in light and sustainable construction, improving daily life through thermal and acoustic performance solutions.

We're committed to leading the drive to sustainable acoustic mineral wool solutions to create energy efficient spaces in the built environment which will deliver a positive impact and legacy, enhancing people's health, safety and well-being, while reducing impact on the natural environment.

What we do

We design and manufacture mineral wool insulation solutions worldwide, including at our UK-based plant in Runcorn, Cheshire, with electric equipment in the plant powered by 100% renewable electricity.

Our sustainability commitments

Sustainability is at the core of our mission to make the world a better home, and as part of Saint-Gobain, we have a commitment to reach net-zero carbon by 2050.

So, whether it's our mineral wool insulation solutions, our actions, or the ways in which we're supporting our customers in their own sustainability ambitions, we're always conscious of driving down our environmental impact - and creating positive change across the UK and beyond.

[Click here](#) for more information on Isover's sustainability road map.

Handling, storage, health and safety

Information regarding storage, installation and handling of Isover products and health and safety information can be found online.

[Click here](#) to find out more.



Our UK manufactured products achieve a Eurofins Gold product status for indoor air quality.

[Click here](#) to find out more.

EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008

[Click here](#) to download the certificate.



SpecSure® is a warranty that confirms British Gypsum and Isover systems will perform as specified for the Lifetime of the building, giving customers peace of mind throughout the years. Lifetime is defined as: 60 years for Systems 25 years for **Gyproc**® **Firestopping** in our new build Systems.

[Click here](#) to visit The White Book Specification Selector.

The **SpecSure**® warranty confirms British Gypsum proprietary systems will perform as specified for the lifetime of the building.

[Click here](#) to visit British Gypsum **SpecSure**® System Warranty.



Insulation guidance

Isover offers an extensive range of Acoustic Insulation Guidance that is suitable for use in Robust Details® specifications. Use the table below to determine the correct Isover insulation for each Robust Detail.

Please [click here](#) to visit the Robust Details® website to check your specification is still valid.

| Separating Walls England & Wales | | | | | | | | | | |
|----------------------------------|---------|---|----------------|---------------------------|------------|------------|------------|------------|---------|----|
| Wall Type | Detail | Airborne Sound Insulation (site test results) $D_{nT,w} + C_{tr}$ | Minimum Cavity | Insulation | Thickness | Order Code | | | | |
| Masonry | E-WM-1 | 45 | 75 mm | Isover RD Party Wall Roll | 75 mm | 5200625584 | | | | |
| | E-WM-2 | 48 | | | 100 mm | 5200625585 | | | | |
| | E-WM-4 | | | | 125 mm | 5200625593 | | | | |
| | E-WM-5 | | | | | | | | | |
| | E-WM-6 | | | | | | | | | |
| | E-WM-10 | 45 | 100 mm | Isover RD Party Wall Roll | 150 mm | 5200625592 | | | | |
| | E-WM-3 | 48 | | | | | | | | |
| | E-WM-11 | 50 | 100 mm | Isover RD Party Wall Roll | 100 mm | 5200625585 | | | | |
| | E-WM-12 | 45 | 75 mm | | 125 mm | 5200625593 | | | | |
| | | | | | 150 mm | 5200625592 | | | | |
| | | | | 75 mm | 5200625584 | | | | | |
| | E-WM-13 | 50 | 75 mm | 100 mm | 5200625585 | | | | | |
| | | | | 125 mm | 5200625593 | | | | | |
| | | | | 150 mm | 5200625592 | | | | | |
| | | | | 75 mm | 5200625584 | | | | | |
| | E-WM-17 | 50 | 75 mm | 100 mm | 5200625585 | | | | | |
| | | | | 125 mm | 5200625593 | | | | | |
| | | | | 150 mm | 5200625592 | | | | | |
| | | | | 100 mm | 5200625585 | | | | | |
| | E-WM-18 | 50 | 100 mm | Isover RD Party Wall Roll | 125 mm | 5200625593 | | | | |
| | E-WM-19 | 53 | | | | | 150 mm | 5200625592 | | |
| | | | | | | | | | E-WM-20 | 50 |
| | | | | | | | | | | |
| | E-WM-24 | 125 mm | | | | | 5200625593 | | | |
| | E-WM-25 | | 150 mm | 5200625592 | | | | | | |
| | E-WM-26 | 45 | 75 mm | Isover RD Party Wall Roll | 75 mm | 5200625584 | | | | |
| | E-WM-29 | 48 | | | 100 mm | 5200625585 | | | | |
| | | | | | 125 mm | 5200625593 | | | | |
| | | | | | 150 mm | 5200625592 | | | | |
| | E-WM-31 | 50 | 100 mm | Isover RD Party Wall Roll | 100 mm | 5200625585 | | | | |
| | | | | | 125 mm | 5200625593 | | | | |
| 150 mm | | | | | 5200625592 | | | | | |

| Separating Walls England & Wales (cont) | | | | | | |
|---|---|---|----------------|--|-------------------|------------|
| Wall Type | Detail | Airborne Sound Insulation (site test results) $D_{nT,w} + C_{tr}$ | Minimum Cavity | Insulation | Thickness | Order Code |
| Timber | E-WT-1 | 48 | 50 mm | Within Stud | | |
| | | | | Isover Timber Frame Batt 40 | 90 mm | 5200625341 |
| | | | | Isover Timber Frame Roll 40 | 90 mm | 5200625582 |
| | In Cavity | | | | | |
| | Isover Acoustic Partition Roll (APR 1200) | | | 65 mm | 5200625579 | |
| E-WT-2 | Isover Timber Frame Party Wall Roll | 75 mm | 5200625561 | | | |
| | | 100 mm | 5200625563 | | | |
| | E-WT-2 | | | | | |
| Steel | E-WS-1 | 45 | 50 mm | Isover Acoustic Partition Roll* (APR 1200) | 25 mm (x2 layers) | 5200625577 |
| | E-WS-2 | 45 | 100 mm | Isover Acoustic Partition Roll* (APR 1200) | 100 mm | 5200625581 |
| | E-WS-5 | 50 | 75 mm | Isover Acoustic Slab* | 75 mm | 5200625435 |
| 100 mm | | | | | 5200625437 | |

| Separating Floors England & Wales | | | | | | |
|-----------------------------------|--------|---|---|--|-----------|------------|
| Floor Type | Detail | Airborne Sound Insulation (site test results) $D_{nT,w} + C_{tr}$ | Impact sound transmission (site test result) $L_{nT,w}$ | Insulation | Thickness | Order Code |
| Timber | E-FT-1 | 48 | 62 | Between I Joists | | |
| | | | | Isover Acoustic Partition Roll* (APR 1200) | 100 mm | 5200625581 |
| | | | | Between Floating Floor Battens | | |
| | | | | Isover Acoustic Partition Roll* (APR 1200) | 25 mm | 5200625577 |

Saint-Gobain Isover UK Limited reserve the right to alter or amend product specification without notice. The information given in this publication is correct to the best of our knowledge at the time of publication. Saint-Gobain Isover UK Limited will endeavour to ensure publications are up to date, it is the users responsibility to check with us that it is correct prior to use.

*Covered by British Gypsum SpecSure® Warranty when installed as part of a British Gypsum system.

Our services

Technical Support Team

Our Technical Support Team can provide you with:

- U-value calculations
- Condensation risk analysis
- Product specifications

As well as providing technical information on any of the following matters:

- Application and installation
- Technical approvals
- Environmental and sustainability credentials

Contact details:

- **Opening hours:** Monday – Friday 08:30 – 16:30
- **Telephone:** 0115 945 6123
- **Email:** isover.technical@saint-gobain.com

Customer Service Team

Our experienced Customer Service Team is on hand to help guide you through the ordering process and with any queries about your delivery. They can also put you in touch with your local sales representative.

Contact details:

- **Opening hours:** Monday – Friday 08:00 – 17:00
- **Telephone:** 0800 032 2555
- **Email:** isover.customerservice@saint-gobain.com

Track and Trace

Track and Trace provides live tracking of your deliveries to help you plan your day. We'll start sending details to your inbox as soon as your delivery has been dispatched, providing you with information straight away.

- Quickly find up to date delivery information so you always have accurate arrival times.
- Receive updates for orders going directly to your customers or to your branch.
- Get instantly notified when your order has been delivered, and immediately view or download a digital Proof of Delivery document with a timestamp and electronic signature to show who received it.
- View photos on your digital Proof of Delivery to see your order has arrived safely.

[Click here](#) to find out more and sign up.

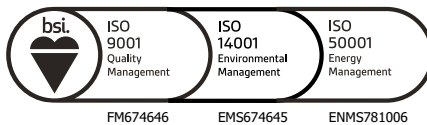




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The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

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