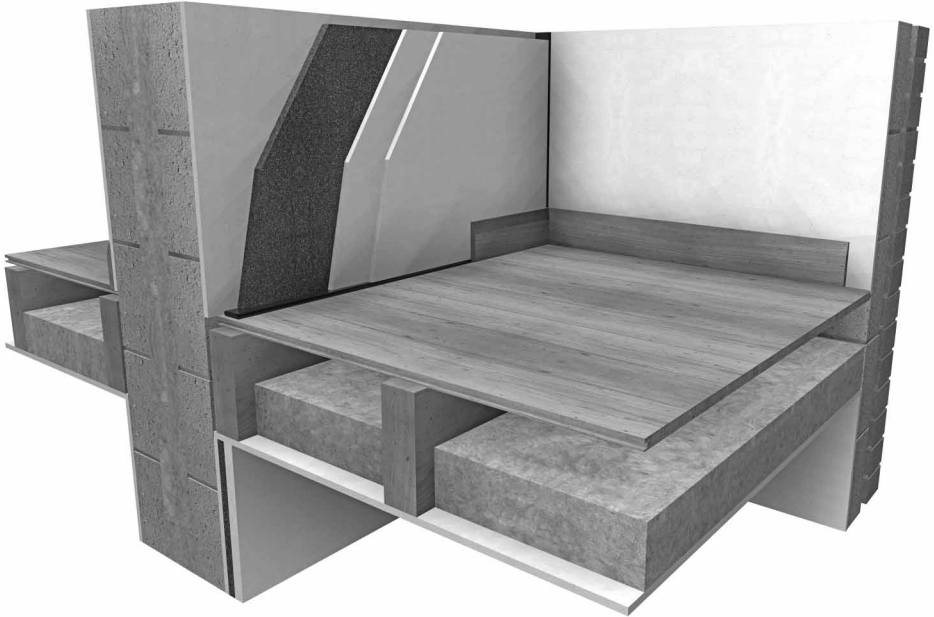


# Re-Mat M20 Wall System

## Installation instructions



### AIRBORNE IMPROVEMENT SYSTEM FOR WALLS

- Refurbishment
- Conversion

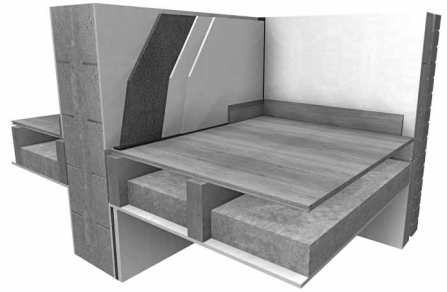


## PRODUCT DATA

Sheet size:	1.0m x 1.0m
Thickness:	20mm
Composition:	97% recycled rubber (tyres)
Colour:	Black

## DESCRIPTION

- ❑ The Isocheck Re-Mat M20 system is designed to reduce airborne sound transmission through all types of existing domestic party walls with a minimal loss of room space.
- ❑ Isocheck Re-Mat M20 will dampen and absorb the sound energy with its mass and rough composition.
- ❑ Isocheck Re-Mat M20 is ideal for use to upgrade an existing separating and partition walls that is found to perform poorly for airborne sound transmission.



Re-Mat M20 on typical blockwork party wall with timber joist floor

- ❑ Re-Mat M20 is suitable for improving the sound insulation of walls, separating stairs and hallways - especially in situations where a minimal loss of space is essential.
- ❑ Re-Mat M20 could also be useful in some situations (and with the guidance of our technical team) to enhance a wall sufficient to comply with Part E of the building regulations.

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## GENERAL GUIDANCE

Isocheck Re-Mat M20 is designed to modify or reduce airborne noise (such as audio, TV, talking, etc.).

It is advisable that:

- ❑ The floor cavity should be opened up. Wall face should have any mortar gaps filled with sealant and mineral wool or fibre glass insulation placed in the cavity approx half a meter from the wall.
- ❑ 25mm or 50mm wide x 5mm self adhesive Isocheck Isolation strip should surround the treated area.
- ❑ Please contact us for free design advice in relation to the wall ceiling junction if you are in need of guidance.

## PREPARATION

- ❑ Ensure the wall surface is clean, dry, structurally sound and free from contamination. Any wallpaper or flaking paint should be removed and any holes, cracks and uneven surfaces filled. A plaster skim may be required to ensure the wall is flat and suitable for treatment.
- ❑ Brick fireplaces can be left as there increased structural mass is unlikely to provide a negative outcome.
- ❑ Any new plaster must be completely dry and if porous, sealed with a dilute PVA solution.
- ❑ Remove all skirting boards and extend electrical sockets to accommodate the increased wall depth.
- ❑ Fill all gaps in walls and junction to floor boards with Isocheck FR sealant.



## INSTALLATION - RE-MAT M20

- ❑ Re-Mat M20 should be adhered directly to the wall with contact adhesive.
- ❑ Cut the Re-Mat M20 sheets to size allowing a small gap at the top and bottom of the wall that is provided by the Isolation strip.
- ❑ Follow the adhesive manufacturers' instructions ensuring the room is at the recommended ambient temperature.
- ❑ Ensure 80% of both the wall and Re-Mat M20 surface is covered in a web pattern. If the adhesive is sprayed to one surface horizontally then the other surface should be sprayed vertically.
- ❑ Start at a corner leaving a small gap between the Re-Mat M20 and the corner.
- ❑ Apply the Re-Mat M20 sheet to the wall using firm and even pressure. A roller may help with the application.
- ❑ Butt joint all edges ensuring no gaps between sheets of Re-Mat M20.
- ❑ Progress adhering the boards across the wall. Leave a small gap between the last boards and the wall.
- ❑ Leave the Re-Mat M20 until the adhesive has cured and a firm fix has been achieved.
- ❑ Fill the gaps around the edges of the Re-Mat M20 with Isocheck FR Sealant or with Isocheck Isolation strip.
- ❑ If the Re-Mat M20 requires cutting to allow for electrical fittings - this should be done before adhesion.
- ❑ If wall fittings are required on the finished wall or there is an issue with adhesion of the Re-Mat 20 to the wall then additional mechanical fixings (approx. 9 per sheet) can be used to provide additional support.

## INSTALLATION - PLASTERBOARD

- ❑ The plasterboard sheets are cut, adhered and fitted in the same way as the Re-Mat M20. The plasterboard sheets should NOT be fixed with screws or nails as this will affect the performance of the Re-Mat M20.
- ❑ Two layers of 12.5mm Fireline plasterboard should be used on top of the Re-Mat M20. Standard plasterboard is acceptable if Fireline is not available.
- ❑ Adhere the first layer of plasterboard sheets allowing for a small gap (provided by the isolation strip) between the plasterboard and the ceiling, floor and walls.
- ❑ Butt joint all edges ensuring no gaps between plasterboard sheets.
- ❑ If the plasterboard requires cutting to allow for electrical fittings - this should be done before adhesion.
- ❑ Leave the Re-Mat M20 until the adhesive has cured and a firm fix has been achieved.
- ❑ Fill the gaps around the edges of the plasterboard with flexible mastic sealant. Alternatively, lay Isocheck Isolation strip along the floor and walls and butt the plasterboard up to it.
- ❑ Repeat the installation process for the second layer of plasterboard but overlapping the joints of the first layer. It may be necessary to support the second layer of plasterboard sheets until the adhesive has sufficiently set.

- ❑ Apply a plaster skim if required.
- ❑ Re-apply the skirting board with adhesive or plasterboard screws.
- ❑ Refit electrical fittings and sockets.
- ❑ Leave the system for at least a week to fully cure before fitting any small shelves, radiators etc.
- ❑ It is important that only screws and plugs designed for use with plasterboard be used and that they DO NOT penetrate the Re-Mat M20. Nails should never be used.
- ❑ Heavy items should not be hung off this system.

## PROTECTION

- ❑ Upon completion ensure the isocheck Re-Mat M20 system is protected from any mechanical damage where appropriate.

## HANDLING AND STORAGE

- ❑ Please observe proper lifting methods and if transporting around site, by hand.
- ❑ Plasterboard which is to be applied to the Re-Mat M20 must be stored in a dry, clean space. Any warped, bowed or damaged plasterboard sheets should NOT be used as this will affect the adhesion to the Re-Mat M20.

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

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.



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