



# HardRock® Multi-Fix Recovery Board

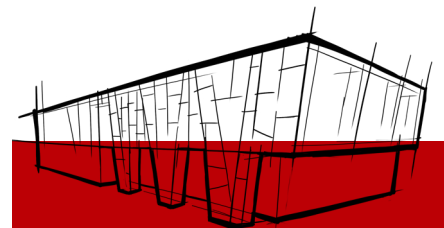
Secures a strong bond between membrane and insulation on flat roof refurbishment projects.

HardRock Multi-Fix Recovery Board has been specifically developed for use on flat roof refurbishment projects.

HardRock Multi-Fix Recovery Board is manufactured with an integral mineral coated glass fibre fleece, which for adhered membranes, secures a strong bond between membrane and insulation whilst limiting the amount of adhesive required.

HardRock Multi-Fix Recovery Board is compatible with all commonly used flat roof membranes including single-ply & EPDM, bitumen membranes and liquid membrane systems.

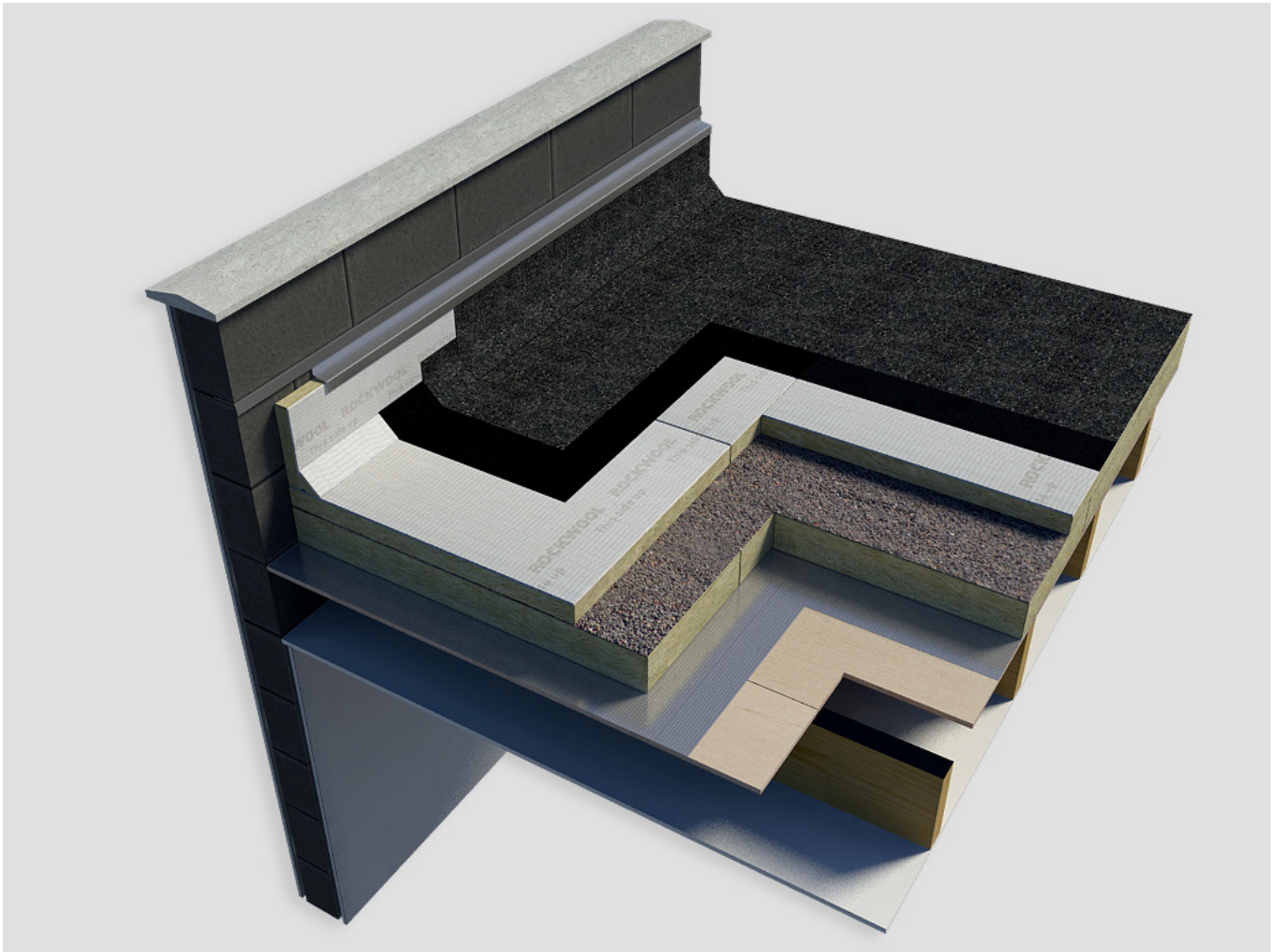
- Can be installed directly over the in-situ roof membrane
- Will accommodate minor imperfections on the existing external finish
- Can be adhesively applied or mechanically fixed
- Excellent heat resistance, ideal for torch applied bitumen systems
- A single solution that is compatible with most roof coverings
- Reduces external noise ingress
- CE Marked



**Developed for use on flat roof refurbishment projects, HardRock® Multi-Fix Recovery Board is compatible with all commonly used flat roof membranes including; Single-ply, EPDM, bitumen membranes and liquid membrane systems.**

HardRock® Multi-Fix Recovery Board is ideal for both domestic and commercial refurbishment, in addition to up-stand details, and can be installed directly over the in-situ roof membrane easily handling any minor imperfections on the existing external finish.

# HardRock Multi-Fix Recovery Board



## APPLICATIONS

HardRock Multi-Fix Recovery Board is suited to:

- Domestic refurbishment
- Commercial refurbishment
- Up stand details

HardRock Multi-Fix Recovery Boards are completely fire safe and can be used to provide an effective acoustic barrier to external noise pollution.

# HardRock Multi-Fix Recovery Board

## PERFORMANCE

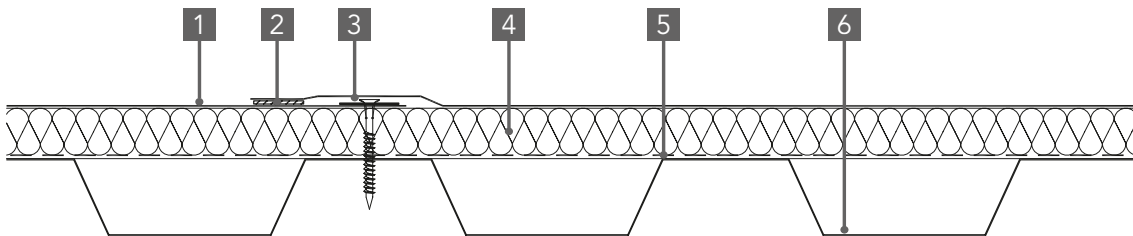
Product performance	
Thermal conductivity	0.039 W/mK
Fire classification	Euroclass A2-s1,d0

### Acoustic performance

When tested in accordance with BS EN ISO 10140-2:2010 as an individual 30mm layer within a single ply flat roof system, onto a 0.7mm profiled steel deck, the system performance achieved \*\*\*Rw 33 dB.

HardRock Multi-Fix Recovery Board is the ideal solution for flat roof refurbishment on schools and supports the current acoustic refurbishment standards as listed in Table 1 of the Building Bulletin 93 document, "Acoustic Design of Schools: Performance Standards."

\*\*\*Test Report – C/23008/T02



1. 1.2mm gauge single ply membrane - mechanically fixed
2. Hot air weld
3. Mechanical fixing for metal deck - screw and stress plate
4. 30mm HardRock Multi-Fix Board
5. 0.25mm self adhered VCL
6. Tata D60 roof deck

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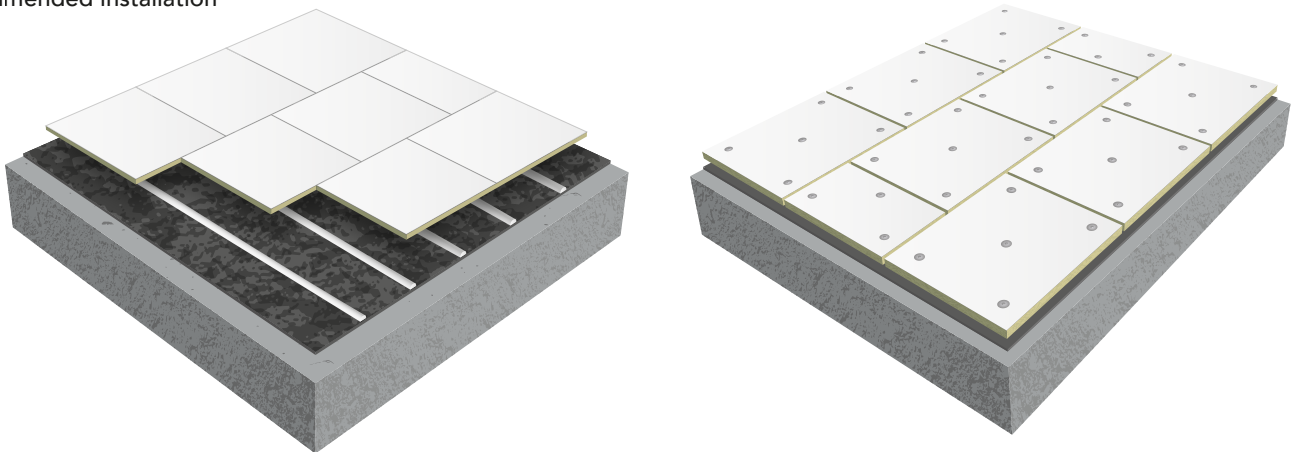
## INSTALLATION

### Warm roofs and cold ventilated roofs

HardRock Multi-Fix Recovery Board has been specifically developed for use on flat roof refurbishment projects.

- Remove any loose debris.
- Mechanically fix or bond HardRock Multi-Fix Recovery Board through/to the existing roofing membrane and/or insulation, into the roof deck, always ensuring that the existing deck is in a reasonable condition. A compatible adhesive must be used for bonding the insulation to the existing surfaces
- 4N° fixings per m<sup>2</sup> are required (5N° per board) for all bonded and torch applied membranes (see recommended installation section containing fixing pattern, below)
- For all applications the boards should be laid in a staggered pattern with the mineral fleece facing upwards
- Apply the new membrane to HardRock Multi-Fix Recovery Board (see fixing guidelines overleaf)
- The existing cross ventilation of cold roof systems must always be maintained

### Recommended installation



ROCKWOOL recommend the use of a plastic tube washer, or stress plate support thread when mechanically fastening roof boards to metal, concrete or timber deck warm roof systems. A stress plate and fastener fixings are required for ventilated timber deck cold roof systems.

### Membrane types & fixing guidelines

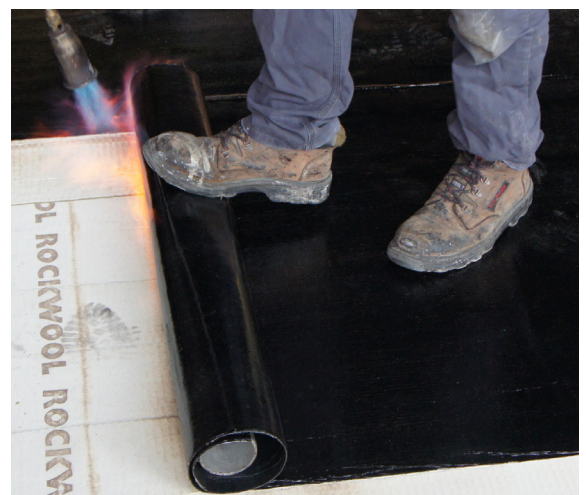
HardRock Multi-Fix Recovery Boards are compatible with mechanically fixed, bonded and torch applied flat roof membrane systems.

### Torch applied bituminous membranes

With its exceptional heat resistance HardRock Multi-Fix Recovery Board is the ideal choice for torch and hot bitumen applications. It has been designed for use with fully bonded, torch applied multi-layer bituminous systems.

When applying the bitumen membrane always torch with minimum heat. Torch the roll of waterproofing felt using appropriate flame/edge guards at all times.

Torch applied bituminous membranes should always be installed in accordance with the membrane manufacturers' guidelines.



**For more information visit [rockwool.com/uk](http://rockwool.com/uk)**

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# HardRock Multi-Fix Recovery Board

## Liquid membranes

Cold liquid applied membranes offer a seamless watertight finish and are ideal for roof refurbishment, roof details and roof repairs. HardRock Multi-Fix Recovery Board is designed for use with a number of liquid applied membranes.

In addition to the installation procedures quoted in the fixing guidelines section, all board joints must be taped prior to the application of the liquid membrane system.

## Fully/partially adhered single-ply, EPDM

HardRock Multi-Fix Recovery Board can be used with fully or partially adhered single-ply and EPDM membranes. The fleece facing of the board secures a strong bond between membrane and insulation whilst limiting the amount of adhesive needed.

A single-ply/EPDM membrane which has been tested and deemed compatible for bonding to HardRock Multi-Fix Recovery Board is to be applied to the insulation with the relevant adhesive.

Where the membrane is fully bonded to the insulation surface, advice and guidance must be sought by the membrane manufacturer on suitable coverage rates.



# HardRock Multi-Fix Recovery Board

## BUILDING SAFETY AND PRODUCT USE

### LEGAL NOTICES

#### General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

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#### The ROCKWOOL Trademark

ROCKWOOL® - our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

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To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

# HardRock Multi-Fix Recovery Board

## ROCKWOOL stone wool - safe to install and live alongside

There are no hazardous classifications associated with stone wool insulation manufactured by ROCKWOOL-UK according to EU REACH and UK REACH regulations on health and the environment.

ROCKWOOL safe use instruction sheets and material safety data sheets (where applicable) can be downloaded [here](#).



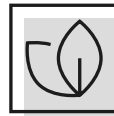
### Sustainability

ROCKWOOL products are used to enrich modern living, creating safer, healthier and more climate-resilient communities.

We transform abundant, natural volcanic rock into stone wool insulation products that are used to reduce energy demand, lower fuel bills and help address society's climate change challenges.

ROCKWOOL stone wool insulation is recyclable and can be transformed into new ROCKWOOL products. Please contact us for details of how we can work together to recycle waste ROCKWOOL stone wool material that may be generated during on-site installation.

Our annual sustainability reports, which set out progress against our sustainability goals, and further details of the positive impacts of using our products can be found on our website.



### Environment

ROCKWOOL takes a fact-based, auditable approach to documenting our progress in maximising our products' positive impact and minimising the effect our operations have on the environment, backed by third-party references and methodologies. Further details can be found online in our annual sustainability report.

Our high-tech production process uses filters, pre-heaters, after-burners and other cleaning and collection systems that help to reduce the effects of our manufacturing operations on the environment.

ROCKWOOL stone wool insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

