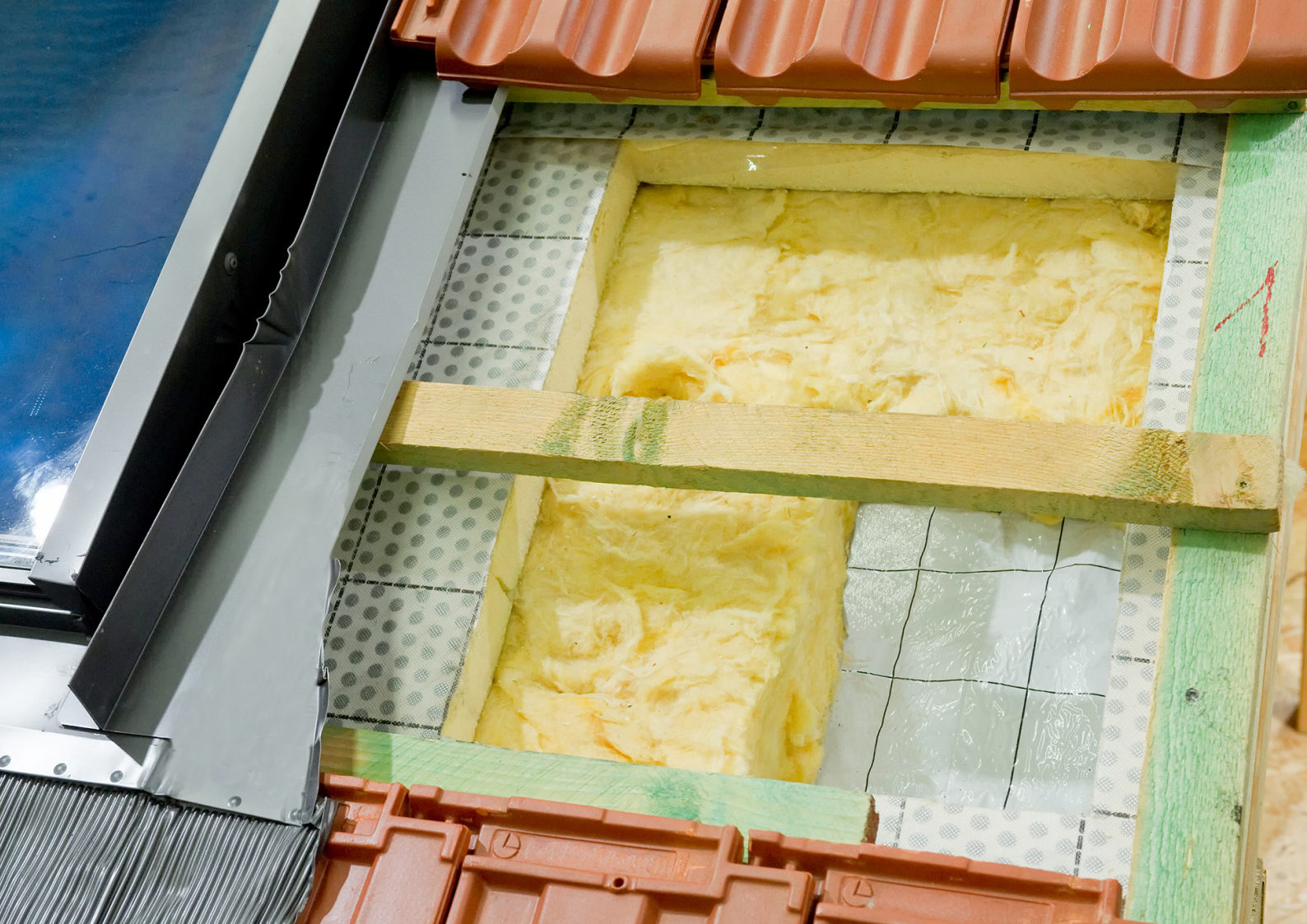




**MINERAL WOOL  
INSULATION  
MANUFACTURERS  
ASSOCIATION**

**BETTER INSULATION PAYS OFF**



## Who we are

MIMA, the Mineral Wool Insulation Manufacturers Association was formed in 1962 and provides an authoritative source of independent information and advice on rock and glass mineral wool. MIMA actively promotes the benefits of mineral wool insulation and the contribution it makes to a building's construction and the comfort of its occupants.

Eurisol has changed its name to MIMA – the Mineral Wool Insulation Manufacturers Association. The move raises the profile of mineral wool at a time when it is increasingly important for specifiers, developers and contractors to fully understand how different insulation materials can best meet the performance requirements and demands of the many new and existing application in the construction sector and other related industries.

For further information on the benefits of mineral wool and its applications visit [www.mima.info](http://www.mima.info)

## The 4 benefits of mineral wool

- Thermal Insulation
- Acoustic Insulation
- Fire Protection
- Environmental Sustainability





Mineral wool offers unparalleled '4-benefits-in one' products that meet ever more testing demands in terms of thermal, fire and acoustic requirements and environmental performance, both during use and when its whole-life impact on the environment is assessed. Recent research has shown that mineral wool is the preferred thermal insulation material where fire, acoustics and ease of fitting are important.



#### **Thermal Insulation**

Maintains the indoor climate of buildings leading to reduction in energy use. This balancing effect reduces CO2 emissions and other air pollutants such as SO2 and various nitrogen oxides (NOx), environmental impacts, and results in cost savings. The inherent make up of mineral wool means it can be friction fitted, moulded around services and used on uneven surfaces without any risk of air leakage reducing its performance.



#### **Environmental Sustainability**

For each tonne of CO2 generated in the manufacturing process of mineral wool, about 200 tonnes of CO2 are saved by its thermal insulation properties over a 50-year period. Other greatly reduced air pollutant emissions include SO2, various nitrogen oxides (NOx) and fine particulates. When mineral wool is assessed under rigorous life cycle analysis it is found to have lower embodied energy than most other insulation types because of its typical low installation density.



#### **Acoustic Insulation**

The open fibrous structure of mineral wool makes it ideal for regulating noise levels in buildings, for both sound absorption and sound insulation across a wide spectrum of frequencies without being disturbed or causing disturbance to other building users.



#### **Fire Protection**

Mineral wool is non-combustible, which prevents fire. This in-built protection effectively contributes to the building insulation requirements of means of escape, and restricts the spread of fire within and between buildings.

A major contributor to energy savings in recent years has been the increased use of recycled material within mineral wool products. Depending on the quality and availability of local supplies mineral wool products can contain from 30% to 60% of the raw material input. In some plants this recycled content is as high as 86% (using WRAP Rule of Thumb Guide).

The high resilience of mineral wool against compression means that products when packed can be reduced to one ninth of their original manufactured volume. This means that more mineral wool insulation can be loaded onto lorries thus reducing the environmental impact of transportation.

**mima** MINERAL WOOL  
INSULATION  
MANUFACTURERS  
ASSOCIATION

MIMA  
T +44 (0)20 7293 0870  
[www.mima.info](http://www.mima.info)



For technical advice and information visit [www.mima.info](http://www.mima.info)