

The Positive Contribution of Mineral Wool to Sustainable Construction

Mineral Wool insulation plays a key role in sustainable buildings. It contributes to 8 key areas representing up to 60% of the total score that can be achieved in the 4 most used international building rating schemes (HQE, BREEAM, DGNB, LEED) in Europe.

Mineral Wool Insulation Contributes to:



maximising energy savings potential and reducing carbon emissions

Energy and climate

maximum 27,3%



lowering life cycle costs for constructing and operating the building

Life-cycle cost

maximum 11,3%



delivering thermal comfort, avoiding cold walls

Thermal comfort

maximum 6,3%



reducing life cycle environmental impacts

Life-cycle impact

maximum 15,8%



providing acoustic comfort from outdoor and indoor noise

Acoustic

maximum 9,9%



recycling construction waste: highly recyclable product

Construction waste

maximum 4,1%



improving outdoor and indoor air quality combined with ventilation

Air quality

maximum 4,5%



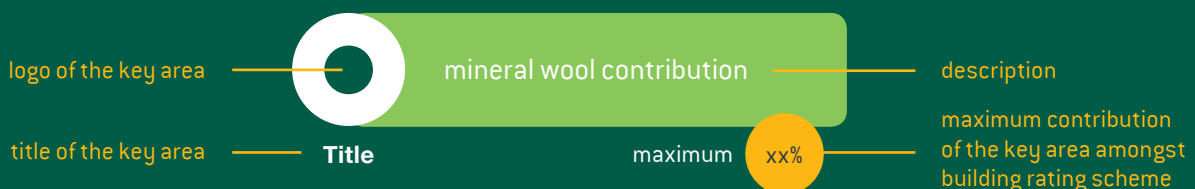
responsible sourcing: abundant materials and recycled content

Responsible sourcing

maximum 9,0%

Icons from flaticon.com

Legend



The common EU framework of indicators to assess the environmental performance of buildings (COM(2014)445) created by the European Commission covers 7 of these 8 themes. The figures given above are extracted from a study for Eurima by ARP Astrance. The executive summary can be found on www.eurima.org.