



## SUSTAINABILITY CREDENTIAL QUESTIONNAIRE

Manufacturer	Rockwool Ltd		
Point of Contact	Technical Marketing Manager		
Position	Technical Marketing Manager		
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Web:	<a href="http://www.rockwool.co.uk">www.rockwool.co.uk</a>		
Year Established / Length of Trading	1979/30 Years +		

### Product Type

Thermal Insulation      Acoustic Insulation      Fire Protection      Industrial/Pipe Insulation

### Product Name / Product Range

Range of products for thermal, acoustic and fire applications for building, industrial, marine and offshore. See Attached list of standard products.

### Product – Material Type e.g. polystyrene

Rock Mineral Wool

### Suitable application use of product / product range

Range of products for thermal, acoustic and fire applications for building, industrial, marine and offshore

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## Product Type and manufacturing Processes

§ Does the product or product range consist of, contain or use in its manufacturing CFC's, HFC'S, or HCFC's ?

Rockwool insulation does **not** consist of, contain or use CFC's, HFC's or HCFC's in its manufacture. Information attached.

§ Does your manufacturing process release any harmful chemicals into the environment ?

Great care is taken during both the manufacturing process and distribution of finished insulation products to minimise any environmental impact. Rockwool's operation team monitors the production processes carefully to ensure any emissions are within specified limits. It is Rockwool Group policy to adhere to environmental standards better than national or local requirements.

§ Do you manufacture this product / product range ?

Yes, Rockwool are the manufacturer of the Rockwool Stone Mineral Wool products.

If not who is the manufacturer ?

Where are they based ?

§ CHIP Classification – Chip Regulation 1994 -1997 – Non Hazardous

Rockwool mineral wool fulfils the requirements of tests specified in the current addition of the Approved Supply List of HSE "CHIP" Regulations and European Directive 97/69/EC and is not classified as a possible human carcinogen. It is necessary to further classify Rockwool fibres under UK and EU regulations.

§ For each product range, please could you advise whether they are sourced from organic sources, naturally occurring minerals or fossil fuels?

Rockwool insulation is manufactured from volcanic rock which is a naturally occurring and replenishing, sustainable mineral resource.

§ What are the levels of re-cycled product used in the manufacturing process ?

The recycled or reused materials represent more than 50% by weight of finished Rockwool output

§ What percentage of raw materials are imported and from where? Are there any significant actions you are taking to reduce the carbon dioxide emissions associated with transporting raw materials to your sites ?

Raw Materials -            Rock (Basalt) - Ballymena, Northern Ireland  
                                  Rock (Anorthosite) - Gudvangen, Norway  
                                  Blast Furnace & Converter Steel Slags - Cambrian Stone Ltd, Port Talbot

We endeavor to source raw materials from sources as close to the manufacturing plant as possible. The key environmental impact of Rockwool insulation is its ability to conserve non-renewable fossil energy and reduce air pollution as a result. It is one of the few industrial products that actively improve the environment.

§ Any other relevant information that you feel is pertinent to this section ?

A typical Rockwool product can save a hundred fold more CO<sub>2</sub>, SO<sub>2</sub> and NO<sub>2</sub> than has been emitted during its production.

§ How you distribute your product to market and details of any schemes that help reduce Carbon dioxide emitted as a result of transportation ?

Insulation product is distributed from the manufacturing plant in South Wales to a UK wide network of distributors.

The Life Cycle Analysis of Rockwool insulation can be found on the website at the following link  
[http://www.rockwool.co.uk/sw58925.asp?csref=1in4\\_RW\\_home\\_GR](http://www.rockwool.co.uk/sw58925.asp?csref=1in4_RW_home_GR)

\*\*\*\*\* end of section one \*\*\*\*\*

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## SECTION 2

### OPERATIONAL EFFECTIVENESS

§ Does the product or product range produce toxic fumes when burning? If so, please provide the detail.

No. Please see attached ref VOC's.

§ The GWP and ODP ratings for each product range ?

Zero. Please see attached ref ODP/GWP

§ What is the product ranges useful life time?

The Rockwool product has been proven in services for over 60 years, in all types of climate and degrees of exposure. It will perform effectively for the lifetime of the building, plant or structure.

§ What is the lifespan of the product in the building ? e.g. lifespan of the building

It will perform effectively for the lifetime of the building, plant or structure.

§ An indication of the products thermal mass ?

Rockwool manufactures a range of products at varying densities from 24kg/m<sup>3</sup> - 200kg/m<sup>3</sup>. The specific heat capacity of Rockwool insulation at 20°C is 0.84kJ/kgK.

§ Is the product safe and easy to install. Are masks or any other protective equipment provided ?

The product is safe and easy to install. Standard precautions are advised when installing. Please see MSDS attached.

§ Are there any side effect for installers/users e.g. possibility fo skin irritation when handling or rcommendations for the use of masks when installing if it is an unventilated area?

See MSDS attached

§ Can water ingress the product and how does this affect performance?

The product is treated with resins to give it a certain amount of water repellency. However, as an open cell insulation product, it is possible for water to ingress if the product is not installed or stored according to the given instructions, which would affect its thermal, acoustic and fire performance.





## SECTION 4

### 'GREEN' - Issues and Policies

§ Give the Green Guide rating for each of the product ranges that you supply us.

[Score of A – E]

The Ecopoint scores for Rockwool Flexi, Cavity and Cladding roll achieve a Green Guide Raing of A, when compared to other commonly specified insulation products in 'The Green Guide to Specification.' Please see attachment taken from the BRE Green Guide 2003 for latest product ratings.

§ Give details of the 'Green Dragon' Standard Environmental Standard or any other green Standard .

ISO 14001 - EMS 7031 BSi

§ Details of any products you have developed that have sustainability as the core marketing message ?

All our products have sustainability as the core marketing message.

§ What actions you have taken/intend to take to reduce your company's internal carbon footprint ?

**We have a team to monitor and reduce our carbon dioxide emissions**

§ The key person in your organisation responsible for environmental and sustainability Issues ?

**Technical Marketing Manager**

§ An electronic copy of your ENVIRONMENTAL POLICY / STATEMENT.

Attached

§ Does the company have an Environmental Improvement Plan ?

Yes. The company sets targets for continuous improvement, and high levels of investment have been made over recent years in manufacturing efficiency

§ If so , how often is it reviewed ?

Annually

