

A neverending story

Rockpanel BRE Global A+ / A rated





Rockpanel: sustainability as second nature

Rockpanel Group is part of Rockwool International, a company with sustainability in its nature. The company was heavily involved in the 2011 Copenhagen summit. It was also one of the first companies to invest in environmental management and reporting under ISO 14001. In addition the Group has always invested in recycling facilities and processes at its factories.

As part of the Rockwool Group, Rockpanel has always embraced the need to act as a sustainable company. Starting from a good place with boards made from a readily available and renewable material, which allows Rockpanel to make a clear statement with a product that is sustainable from beginning to end. The natural raw material, the efficient manufacturing process, the sustainability, safe use and low maintenance make Rockpanel a well-considered and responsible choice. Add to that the fact that the boards are fully recyclable and Rockpanel fits in effortlessly with every sustainable building process.



Rockpanel products
BRE certified

BRE Global A+ / A rated¹

Sustainability has now become an important criterion in the choice of materials for construction projects. This means that the parties involved have to be able to make substantiated choices in favour of more sustainable materials. These choices should be based on independently verified facts and figures.

Rockpanel took up the challenge and had the environmental performance of its products assessed by the authoritative BRE Global, part of the Building Research Establishment (BRE), a British research and certification centre respected worldwide for its independent expertise.

On the basis of a Life Cycle Assessment (LCA), BRE Global granted Rockpanel an Environmental Product Declaration (EPD) that showed that our products are acknowledged as amongst the best performing in their category with A+ and A ratings for various structures¹. This is excellent recognition for all the effort that we have made so far – and continue to make – in the field of sustainable construction.

It is also recognition which provides an assurance that

opting in favour of low maintenance Rockpanel facade cladding in a sustainable construction project is a responsible choice.

A reliable reference for sustainable building

Rockpanel products have the same robust properties as they always have and now a rigorous, independent assessment has shown that they are an environmentally friendly choice when compared to other types of cladding material. For everyone who aims to develop, design or build sustainably the choice to use Rockpanel products offers a high performance solution, which fits perfectly with the government drive towards sustainable design, purchase and construction of public and private buildings.

With the result of the BRE Global work, and listings in the BRE Green Book Live, designers can now get the benefit of improved ratings by using Rockpanel materials in design based building assessments such as BREEAM.

In short, from now on with Rockpanel you are writing more than a story. You are writing history.



- Environmental Product Declaration (EPD) by British Research Establishment (BRE)
- Third party verified
- Life Cycle assessment (LCA) performed from cradle to grave based on ISO standards
- Only A+ rated and A rated elements
- Officially acknowledgement of 60 years lifetime
- Feeds into design based building assessments such as BREEAM

Rockpanel, sustainable from beginning to end

The Life Cycle Assessment, conducted by BRE Global, assessed Rockpanel facade cladding in accordance with a number of specific environmental criteria. This independent assessment and audit confirmed positive scores across the board. On the basis of the assessment, Rockpanel constructions obtained only A+ and A scores. A+ ratings for constructions with wooden and concrete backings, A ratings for constructions on aluminium rail support.

The products are shown to deliver environmental benefits throughout their life cycle including the following phases...

1 Raw materials

Rockpanel is a product based on basalt, a natural raw material with inexhaustible, readily accessible reserves. In accordance with Group policy, raw materials are sourced as close to the production site as possible. The natural production of basalt is greater than the worldwide demand for stone wool products.

2 Production process

As a member of the Rockwool Group, Rockpanel is committed to environmentally sound production practices. The products are produced using green energy. Processing waste is recycled and as raw material returned to the production process. Maximum twenty-five per cent of the raw material can consist of recycled materials, including waste materials from other industries. Thanks to a highly efficient manufacturing process, over 400 m² of cladding can be produced from 1 m³ of basalt. The manufacturing of Rockpanel boards is ISO 14001 certified. The products have water-based primer and colour coatings.

4 Recycling

- Fully recyclable
- No downgrading in quality

3 Construction & Use

- Safe & easy to work with
- Low maintenance
- Durable
- Fire safe
- 60 years life time



1 Raw materials

- Basalt: Natural and plentiful
- Local sourcing
- Up to 25% recycled material

2 Production Process

- Process waste is 100% recycled
- 1m³ basalt makes > 400 m² cladding panels
- Water-based paints
- Recycling plants
- ISO 14001
- Green energy



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Contact us via www.rockpanel.co.uk/contact to discover how many additional points you can achieve.

3 Construction and use

Rockpanel boards are lightweight, safe to work with and easy to install. They can be easily cut and fixed without complex off-site fabrication. The products are available in various formats and since the coatings are not direction-sensitive, the waste during installation is kept to a minimum. Rockpanel products are classified as fireproof building materials, are extremely weather resistant and remain unaffected by changes in temperature and humidity. The boards require little maintenance, do not have to be cleaned using toxic substances and are fire-proof. The Rockpanel boards have an independently certified life of no less than 60 years.

4 Recycling

Rockpanel boards can be fixed in various ways and is highly suitable for fixing systems that are designed with future dismantling in mind. The products are fully recyclable and can be used for the production of new stone wool products without any downgrading in quality.



Environmental Profiles Certificate No. ENP 427

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¹ Green Guide Element numbers A+: 1006260002 / 1006270005 / 1006280007 / 1006210008 / 1006260010 / 1006270013 / 1006280015 / 1006210016

Green Guide Element numbers A: 1006230001 / 1006260003 / 1006240004 / 1006250006 / 1006230009 / 1006260011 / 1006240012 / 1006250014



Environmental Profiles Certificate No.427

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