

ROCKWOOL Core Solutions and You



THE POWER OF &

We believe in ***The Power of &***

In a world of increased competition and increasing regulations, you need to create products and solutions that set you apart. Solutions that are more fire resilient. Or more sustainable. Or more water-resistant. Or which provide better noise reduction. Benefits that are often looked at through a constrictive lens. At ROCKWOOL Core Solutions, we are here to counter the tyranny of the OR.

We believe in *The Power of &*.

With the 7 Strengths of Stone, our solutions have '&' naturally built-in: from improved fire resilience, thermal properties and acoustic capabilities to uncompromised durability, design flexibility and sustainability. With ROCKWOOL stone wool built-in, your products and systems benefit from all seven strengths, every time.

This additive philosophy extends to the way we partner with you. We take immense pride in fully understanding the systems and processes of our business partners so we can discover new applications where our solutions can make a difference. Working closely together, we strive to find new and creative ways to build the 7 Strengths of Stone into your products and systems, to create a quieter, safer, healthier environment for all. We are committed to enriching the lives of anyone who comes into contact with our solutions, while safeguarding the future of our planet.

ROCKWOOL Core Solutions is ready to offer you *The Power of &* and demonstrate how the 7 Strengths of Stone can be built into your products and solutions to help shape a more innovative future and enrich modern living.

ROCKWOOL Core Solutions. ***The Power of &***

Benefit from The Power of &

To create products that stand out, you need materials that do more with zero compromise. When you partner with ROCKWOOL Core Solutions, the 7 Strengths of Stone will deliver more '&' for you. Whether it's fire resilient products that also improve acoustics, or energy saving solutions with great aesthetics – when you design one strength into a product with our stone wool, you get all the others too.

Creating a strong, close working partnership with you is central to what ROCKWOOL Core Solutions stands for. It defines our competitive advantage, which extends beyond being a supplier of stone wool solutions. We become champions of your brand and work as a seamless extension of your team. Through collaboration and our consultative approach, you will gain innovative technical and design expertise and our full commitment to meeting your business challenges. As a partner, you benefit from our international footprint and 80-year history as a driver of innovation in stone wool solutions.

At ROCKWOOL Core Solutions, we offer OEMs many different and innovative applications which contribute to a better living environment for end users and society as a whole.



As well as the 7 Strengths of Stone, ROCKWOOL Core Solutions deliver '&' in many other ways, through qualities that set our organisation apart:

& Partnership

We value your partnership and favour a close consultative approach. Our business is all about working with you, listening and sharing, and becoming an extension of your team to find better answers to your questions. This is how we achieve better results together.

& Added value

As your partner, we add value by bringing you all the benefits of our extensive external network, a strong international footprint, and a 360° perspective on how to make our partnership successful. We provide operational excellence, reliability and just-in-time delivery to meet your needs today and tomorrow.

& Sustainability

By working with us, your solutions will have sustainability built-in. This enables you to take on the increasing demands of a circular economy, meet and exceed green standards, and create a positive impact on our planet.

& Innovation

As close partners, we can forge a strong relationship and be entirely open-minded to new possibilities. Together, we can shape innovative solutions by leveraging our technical and design expertise to create high-performing solutions that enrich modern living.

& Support

We believe in the value of knowledge, working together to seamlessly provide training and education on the benefits of stone wool and sustainability. To help our partners build tomorrow – today – we provide comprehensive support services, product certifications and testing.

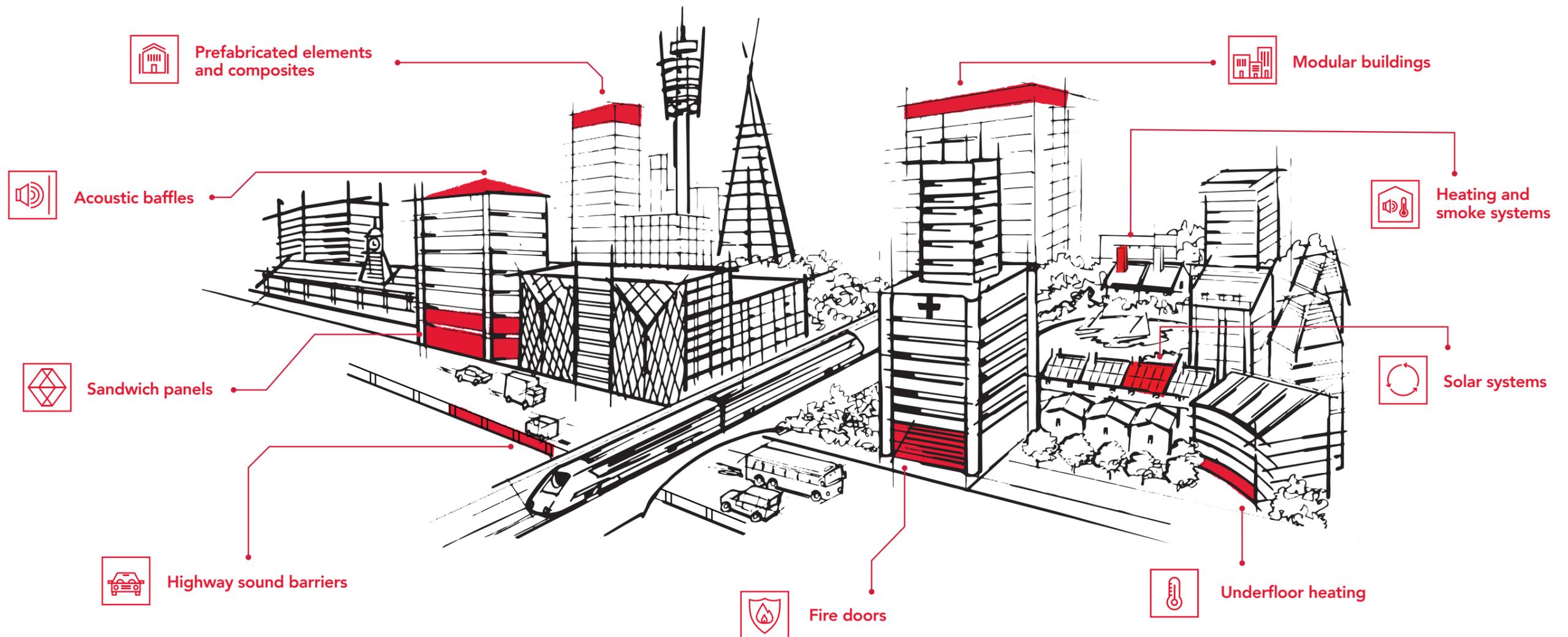
Your partner for innovation: **ROCKWOOL Core Solutions**

ROCKWOOL Core Solutions provides industrial partners and OEMs with customised solutions for their products, based on the 7 Strengths of Stone.

Innovative uses of stone wool open up a range of applications for your industrial solutions or building components. We help you meet the widest range of requirements including noise and vibration abatement, technical and process requirements and environmental performance.

Together, we can keep hospitals warm for patients, schools calm for students, bakeries productive for bakers, traffic quiet for residents, and much more.

Whether it is a chimney smoke system (combining fire resistance with robustness) or a sandwich panel (combining thermal and non-combustible performance with acoustics and aesthetics), every solution we create has innovative uses of stone wool at its core. Below are just some of the applications we enhance with the 7 Strengths of Stone and *The Power of &*.



For decades, ROCKWOOL has been harnessing the 7 Strengths of Stone to address the world's biggest challenges. The megatrends we face – including climate change, health and wellbeing, urbanisation and resource scarcity – are converging to shape the future of design and construction.

ROCKWOOL Core Solutions is ready to help our clients see these megatrends as opportunities, not threats. By working with us to engineer innovative industrial solutions using stone wool, made from one of the world's most abundant resources, we can address these challenges together and improve the lives of people around the world.

Climate change

Our climate is changing which brings new challenges as we seek to reduce our carbon footprint and live more sustainably. ROCKWOOL insulation is one of the most cost-effective ways to cut building energy use and CO₂ emissions, now and for decades.

// Buildings account for **30% of the world's energy demands** //

Health and wellbeing

Energy poverty is a growing global issue, which means people cannot afford the energy to keep their homes properly heated. This contributes to health issues caused by damp and mould. Using the thermal properties of ROCKWOOL products, the energy demand for heating can be reduced which helps to alleviate energy poverty in the long term.

// An estimated **15% of people in developed countries live in energy poverty** //

A future shaped by global megatrends

Safety and comfort

Urban populations have skyrocketed in the last 50 years, resulting in much more densely populated living conditions. This creates greater risks from fire as well as noise pollution issues. ROCKWOOL solutions combat both these issues since they are non-combustible and provide excellent sound absorption to reduce unwanted noise.

// **50% of the population are regularly exposed to traffic noise at a level harmful to health** //

Urbanisation

With the urban population growing every day, we need to find new ways to accommodate everyone in our cities, keep them safe, and help them thrive. Our products keep citizens safe by stopping the spread of fire in buildings, reducing noise and creating healthy indoor environments which contribute to better health and wellbeing.

// **41 mega-cities with 10 million inhabitants by 2030** //

Sustainability

Our growing population is demanding more natural resources for continued development. Today's focus must be on products and solutions that eliminate waste and are designed for re-use. ROCKWOOL products are fully recyclable, and we operate services to recycle construction site waste and used products.

// **The building sector produces 1/3 of the world's total waste** //

Create better solutions with the 7 Strengths of Stone

Together we can respond to the megatrends our world faces by expertly integrating the 7 Strengths of Stone into your high-performance applications. These unique strengths help us deliver more ‘&’ for OEMs, minimise the human impact on our surroundings and maximise safety and wellbeing for everyone who interacts with our products. Partner with us and use the natural power of stone to enrich modern living.



Fire resilience

Non-combustible ROCKWOOL stone wool resists temperatures above 1000°C and doesn't contribute to the spread of fire or the emission of significant quantities of toxic smoke. This means that your applications, from fire protective building components to commercial cooking equipment, help to ensure business continuity.

Fire-resilient insulation helps us build safer, more sustainable cities



Thermal properties

ROCKWOOL stone wool provides effective protection against both cold and heat. It allows you to enhance your industrial solutions to dramatically reduce heating, cooling, and ventilation costs, all with expert support from ROCKWOOL Core Solutions.

Applications with stone wool at their core help combat climate change by reducing a building's carbon footprint



Acoustic capabilities

Stone wool can be engineered to be resistant to airflow which means ROCKWOOL products provide excellent noise reduction and sound absorption. Integrating acoustic protection into your solutions will help create quieter, more productive environments.

Improving acoustics helps people live and work in greater comfort and safety



Robustness

ROCKWOOL products have unique built-in robustness. Compression, impacts and changes in temperature or humidity do not affect the shape or form. This means you can create solutions with an increased life cycle and unchanged long-term performance.

Environmentally robust materials preserve resources and our planet



Aesthetics

ROCKWOOL solutions combine aesthetics with high product performance. Our experts can help you design and customise solutions in an almost unlimited range of shapes and sizes for your customers.

Good design aesthetics can influence our emotions and improve our wellbeing



Water properties

Stone wool can be engineered to be water repellent. Our bespoke solutions are designed to shed water to safeguard and ensure integrity, and protect against environmental damage.

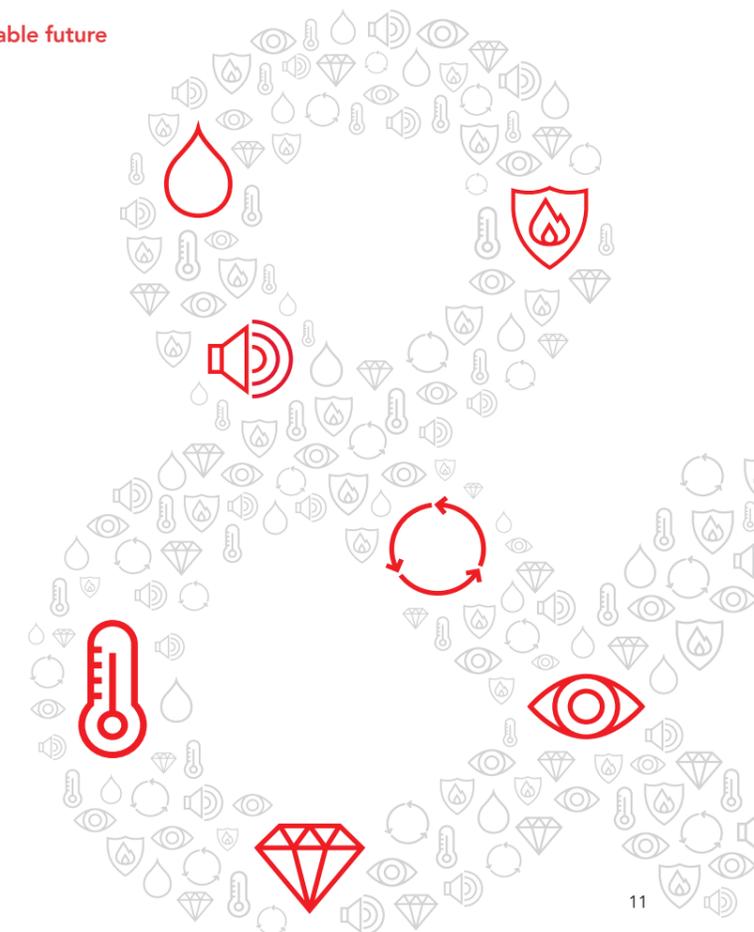
Stone wool manages our most precious resource and protects people and buildings



Circularity

ROCKWOOL stone wool is sourced from one of the world's most abundant resources and can be indefinitely reused. Working together, we help you contribute to the circular economy by manufacturing recyclable, long-lasting products.

Sustainable solutions create a more sustainable future



Discover *The Power of &* as an OEM

Find out more about ROCKWOOL Core Solutions, a pioneering driver of stone wool solutions with more than 80-years of experience.

Visit www.rockwool.com/group

ROCKWOOL Core Solutions is part of the ROCKWOOL Group and is offering advanced tailor-made stone wool products to be integrated into finished systems.

At the ROCKWOOL Group, we are committed to enriching the lives of everyone who experiences our product solutions. Our expertise is perfectly suited to tackle many of today's biggest sustainability and development challenges, from energy consumption and noise pollution to fire resilience, water scarcity and flooding. Our product range reflects the diversity of the world's needs, while supporting our stakeholders in reducing their own carbon footprint.

Stone wool is a versatile material and forms the basis of all our businesses. With more than 11,000 passionate colleagues in 39 countries, we are the world leader in stone wool solutions, from building insulation to acoustic ceilings, external cladding systems to horticultural solutions, engineered fibres for industrial use to insulation for the process industry and marine and offshore.



ROCKWOOL Core Solutions
Email: coresolutionsmarketing@rockwool.com
Tel: +33 (0)1 40 77 82 82
www.rockwool.com/group