
Rockpanel Woods
UNIQUE
BY NATURE
Rockpanel®
MADE
FROM STONE.
TM

Rockpanel Woods

Unique by nature



Explore the infinite creative possibilities of wood, without its natural limits.

Nature is a great source of inspiration in our product development. It is a powerful mechanism that continuously evolves and offers inspiration for designers and specifiers alike. Rockpanel combines the benefits of a natural design, with the strengths of stone in order to make the whole greater than the sum of its parts.

Rockpanel Woods boards are a product of nature: produced from compressed natural basalt, a sustainable and readily available volcanic rock, which combines the advantages of stone with the look, warmth and workability of wood, without depleting natural wood resources.

The boards are firesafe, insensitive to moisture, low-maintenance and sustainable and are therefore the perfect facade material if you want to incorporate the authentic and warm look of wood into the buildings of tomorrow.



Let nature's designs inspire you

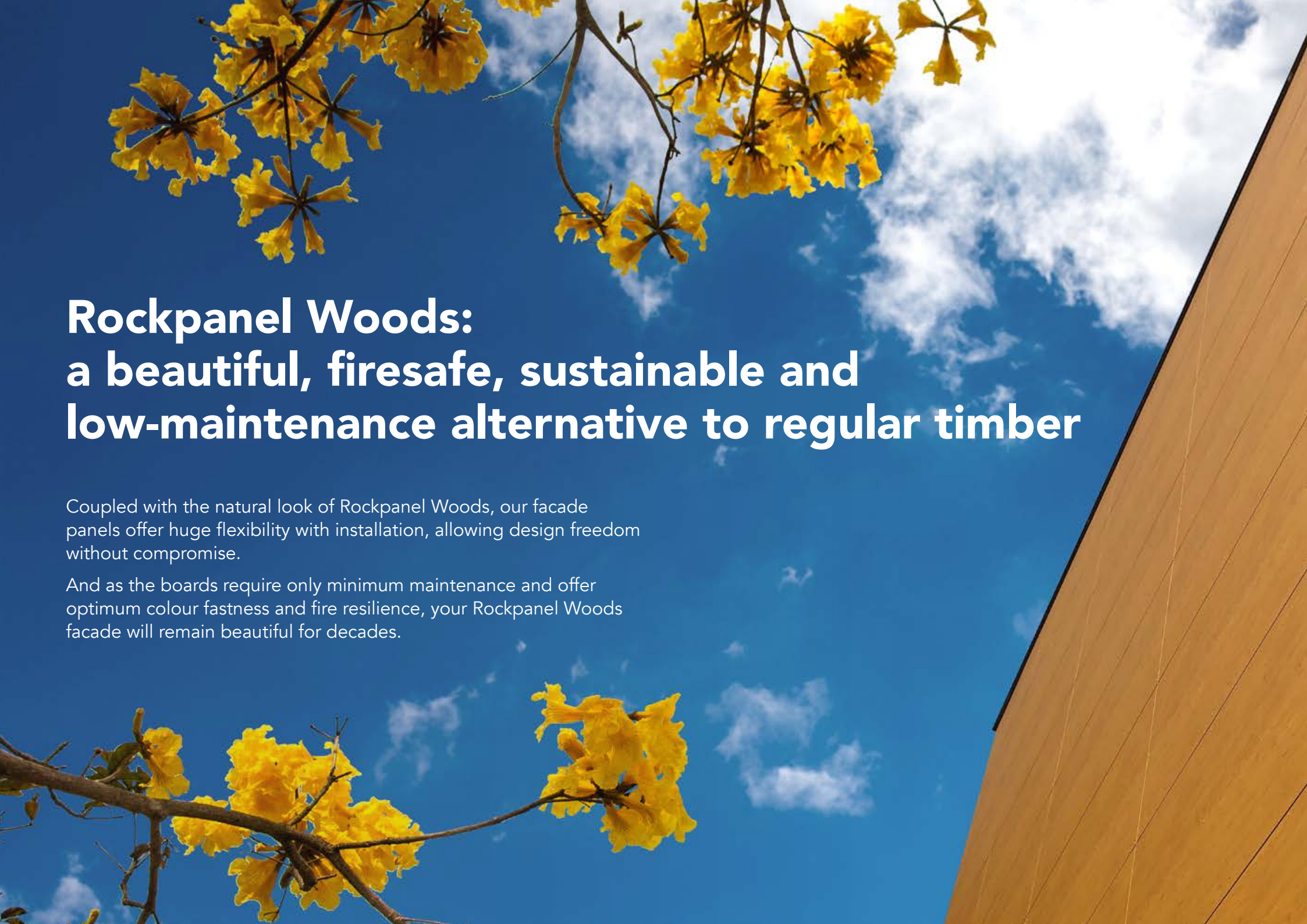
The warmth of wood makes people feel at home. A good reason to incorporate it in your building design.

With Rockpanel Woods, we enable you to take your wood facade design to the next level, as this unique material takes away all the natural limits of wood.

Let nature inspire you and enjoy the best of both worlds:
the uniqueness, beauty and authenticity of wood and the durability, robustness and fire resilience of stone.



Untamed creativity, infinite possibilities



Rockpanel Woods: a beautiful, firesafe, sustainable and low-maintenance alternative to regular timber

Coupled with the natural look of Rockpanel Woods, our facade panels offer huge flexibility with installation, allowing design freedom without compromise.

And as the boards require only minimum maintenance and offer optimum colour fastness and fire resilience, your Rockpanel Woods facade will remain beautiful for decades.



Natural, sustainable material

Real wood might seem to be a natural, sustainable material choice. In reality, timber requires a lot of treatments in order to become suitable as a building material.

Rockpanel Woods, on the other hand, is a product of nature, as it's produced from natural basalt. Annually, the earth creates much more of this volcanic rock than we could ever use to create our products.

Fire resilient by nature

Basalt, the key ingredient in Rockpanel cladding, can naturally withstand extremely high temperatures.

This means our fire resilience comes from within, without the need to add chemical fire retardants.

You can safely use Rockpanel Woods A2 boards in high-rise and high-risk buildings, as it's tested as Euroclass A2-s1, d0 (non-combustible).

Long-lasting, beautiful facades

Rockpanel Woods cladding is very durable and will stay beautiful for decades. The material is insensitive to moisture and does not expand or shrink, even with big changes in temperature and humidity. This enables narrow joints.

It offers great colour-fastness and as the wood designs without visual repetition look so authentic, they are almost indistinguishable from real wood.

Low-maintenance

Regular timber rots over time, even with treatment. Rockpanel Woods boards have an overall life span of 50 years, with no rot or delamination, and are virtually maintenance-free.

As all our Rockpanel Woods boards come with a ProtectPlus coating, most of the dirt on the facade is simply washed away by rainwater, and even graffiti can be removed.

The workability of wood with the robustness of stone

Rockpanel Woods boards are just as easy to process as wood – without the need for special equipment.

Thanks to their light weight, they are very easy to handle and therefore easy to install, also on high-rise buildings. Rockpanel Woods therefore has all the advantages of real wood, with the robustness and fire resilience of stone.




12 A
WGH
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12a


Create like nature does.
Without limits.



Combine the natural beauty of wood with all the advantages of stone

Wood characteristics	Rockpanel advantages
Rots over time, even with treatment	Overall life span of 50 years, with no rot or delamination
High maintenance (costs)	Very low maintenance, low TCO (Total Cost of Ownership)
Repainting needed typically every four to seven, requires regular maintenance	No repainting required, only occasional maintenance needed
Combustible	Available in Euroclass A2-s1, d0 – non-combustible
May not be safe in buildings of certain heights dependant on country legislation	Safe for use in high-rise and high-risk applications with A2-s1, d0
Appearance changes after installation dependent on climate	Highly colour stable, ProtectPlus standard across Woods range
Algae growth	No algae can grow thanks to ProtectPlus layer
Holds moisture and can warp	Insensitive to moisture, remains flat and is dimensionally stable
Easy to process but some batches can have natural imperfections	Easy to process and very consistent with non-repeating grain design
Minimum edge distance to ground level is 300mm and often requires a brick plinth	Can be used safely down to 20mm above ground level with no edge treatment
Susceptible to graffiti attacks	Graffiti can be cleaned off thanks to ProtectPlus coating
Hardwood is very heavy	Light-weight facade panels



Nature’s colours always match

With the addition of our new Caramel Oak and Black Oak designs, our Rockpanel Woods range now features **19** beautiful, inspiring wood designs, offering you even more design freedom to create unique and eye-catching buildings in which people feel at home and comfortable.



Black Oak



Caramel Oak


Oak
Rhinestone Oak
Slate Oak
Carbon Oak
Marble Oak
Ceramic Oak
Beech
Teak
Alder
Cherry
Mahogany
Merbau
Ebony Slate
Ebony Granite
Ebony Limestone
Ebony Marble
Ebony Agate

Reference cases & testimonials







A unique facade for EromesMarko's factory

Our Caramel Oak design was created especially for EromesMarko's factory annex office building in Wijchen (The Netherlands):

"Within just a few weeks, we had our own Rockpanel Custom Woods boards with a wood pattern in a unique colour, based on a sample of real wood we provided. Almost indistinguishable from real wood and as sustainable as a stone facade."

Martijn de Waal – DUAL Architects

Custom designs

Rockpanel offers fully customised designs and dimensions.
If you can't find the exact design or colour you have in mind, feel free to get in touch.



Going to school in a tree house

What captures the imagination more than a tree house? The distinctive design of this community school has inspired many – students, teachers and architects.

"We were walking in the park and suddenly saw what it had to be – a tree house. Thanks to Rockpanel Woods, we were able to realise this dream. The end result is a natural looking wood effect facade which gives a real feel of a wooden tree house structure as we had intended."

Sebastiaan Robben – De Twee Snoeken







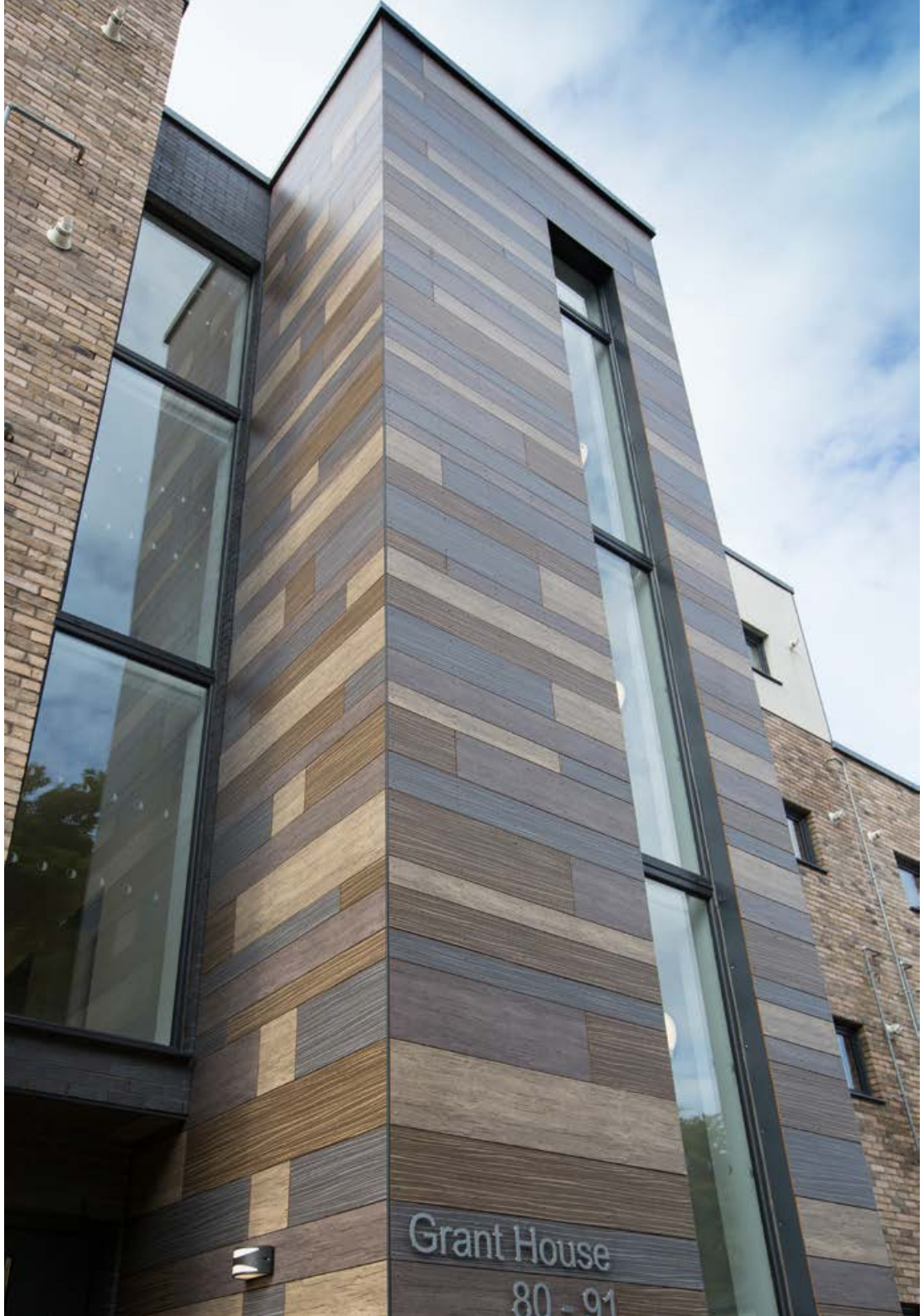


Beauty that lasts

An ingenious design and smart use of durable materials – including Rockpanel Woods – ensure that this distribution centre and office building, now over 10 years old, still looks like new.

"Wood is a beautiful material, but it is high-maintenance, certainly in an environment full of exhaust gases and traffic movement. With Rockpanel Woods we have an alternative that is almost indistinguishable from real wood. And even under these demanding conditions they are practically maintenance-free. A rain shower or hosing down now and then is more than enough."

Martin van Meggelen – P&J Gevelbekleding



‘Granite City’ gets an inspired new look

Aberdeen is known as ‘The Granite City’ because so many of its buildings are completely grey in colour. As a modern, regenerated urban neighbourhood, this project however offers a completely different and inspiring material character to that.

At the former Davidson Mill site, there are now beautiful homes with authentic wood look panels, as a complimenting material to brick.

The architects sought out an exterior cladding solution to wood, with sustainability and durability as key product requirements and found this in Rockpanel Woods.



Extraordinary 3D facade

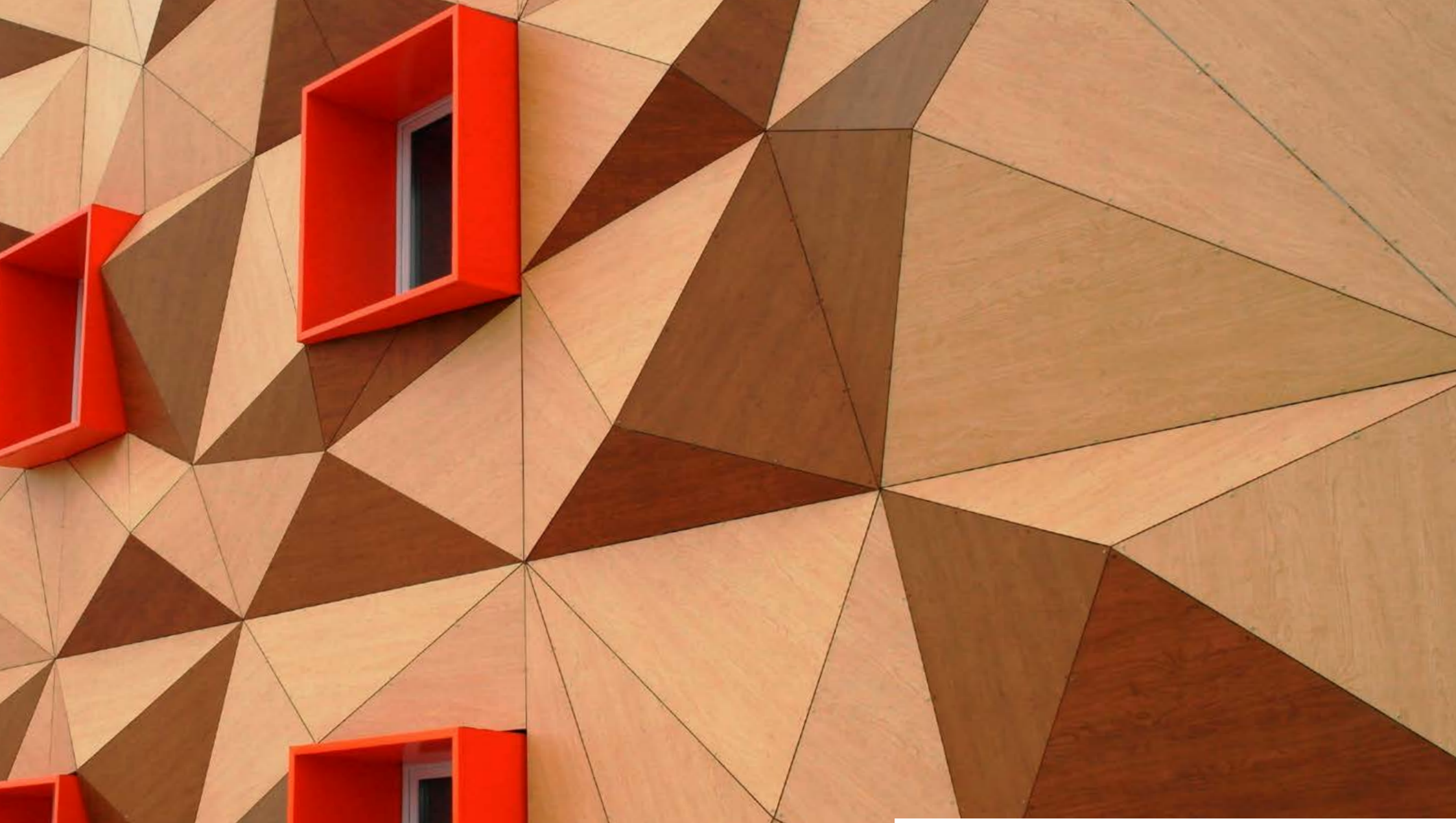
The Navigator Campus in Russia is all about innovation and smart technology. The innovative exterior of the new building is a perfect match to what's happening inside.

The 3D facade was clad with a combination of Rockpanel Woods and Rockpanel Colours, to give this high-tech building an original look. Optimum use was made of the variety of processing options.

Several triangles were cut from each facade board, each one slightly different across the whole facade. As every single piece of the facade is unique, a visually exceptional facade was created.







Looking for inspiration?

Visit the ‘Inspiration’ section on our website for more case studies.

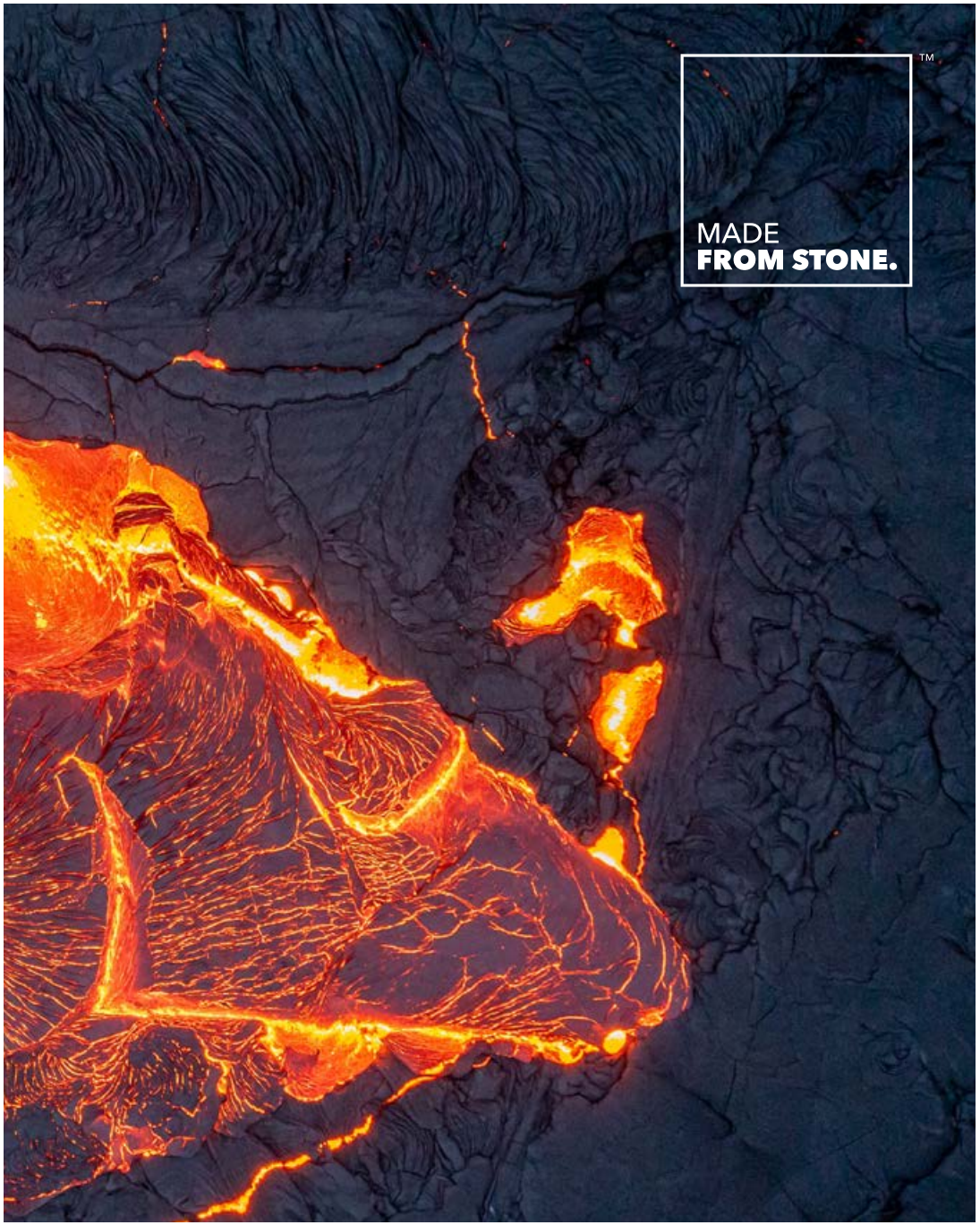


Explore all the benefits of Rockpanel Woods

Rockpanel Woods: key product properties

Rockpanel Woods	A2 8 mm	A2 9 mm	Unit
Panel dimensions	1200/1250 x 2500/3050	1200/1250 x 2500/3050	mm
Thickness	8	9	mm
Weight	9.4	11.25	kg/m^2
Fire classification*	A2-s1,d0	A2-s1,d0	Euroclass EN 13501-1
Colour stability (5000h)	3-4 or better 4 or better (ProtectPlus)	3-4 or better 4 or better (ProtectPlus)	Class on greyscale
Density, nominel	1170	1250	kg/m^3
Thermal conductivity	0.47	0.55	W/m·K
Water vapour permeability ProtectPlus at 23 °C and 85% RH	< 3.2	NPD	m
Cumulative dimensional change % (length)	0.072	0,064	%
Cumulative dimensional change % (width)	0.072	0.064	%
Bending strength, length and width (f_{05})	≥ 27	≥ 25.5	N/mm^2
Modus of elasticity m(E)	≥ 4015	≥ 4740	N/mm^2

** The Euroclass-classification of all Rockpanel products is based on testing with non-combustible mineral wool insulation. For the field of application covered by the classification, please see the relevant Declaration of Performance. For high-rise buildings and high-risk buildings Rockpanel recommends the application of non-combustible (Euroclass A1-A2) cladding and insulation. For more information on availability and delivery times, visit rockpanel.co.uk.*



IT COMES FROM **WITHIN.**

Rockpanel is recognised for its blend of natural qualities that make it a unique choice for exterior cladding and other architectural applications.

Derived from the abundantly available rock, basalt, Rockpanel possess inherent natural properties that contribute to their durability, sustainability, fire resilience, ease of installation and aesthetic versatility.

Learn more about the benefits of Rockpanel.

Sustainability

Rockpanel is made from the natural abundant resource basalt together with recycled materials and is endlessly recyclable.

Rockpanel is also Cradle to Cradle certified® at silver level on Rockpanel Colours and Rockpanel Natural, our base board, verifying that the products are safe, more sustainable, and are supporting a circular product life cycle, contributing to a more sustainable future.

Design Freedom

With more than 200 colours and designs available, plus the option to customize, Rockpanel offers design freedom with the option to bend and curve.

Fire Resilience

Thanks to its inherent natural qualities, Rockpanel is classified as A2-s1,d0 non-combustible, ensuring high fire resilience for architectural applications.

Ease of use

Rockpanel is light-weight, can be cut with standard woodworking tools and no edge treatment is needed. Our decorative cladding is also dimensionally stable.

Durability

Avoid fading, lack of shape retention, weathering, rot and fungal decay – the aesthetic and functional durability of Rockpanel facade cladding is crucial to its longevity. Rockpanel facade boards have an officially confirmed lifetime of 50 years by an independent body (ETA).



RELEASE THE NATURAL POWER OF **STONE TO ENRICH MODERN LIVING.**

We have a clear goal.

We want to make stone come alive in all its facets. This is our mission, which represents a new chapter in the history of the Rockwool Group. Let's start it together!

We are a family.

At the ROCKWOOL Group, we are committed to enriching people's lives. Our range of products reflects the diversity of the world's needs, supporting you in enjoying the comforts of modern living while reducing your carbon footprint along the way.

ROCKWOOL®

ROCKWOOL thermal insulation helps in providing a safe environment for your little ones.

Rockfon®

Rockfon products don't just keep the sound where you want it, they help keep every word or note crisp and clean.

Rockpanel®

Our innovative facade solutions give you the freedom to explore the boundaries of your wildest design dreams. So, if you can imagine it, you can build it.

Lapinus®

Our intelligent brake fibres make braking a precise art even in the most difficult conditions.

Grodan®

Our precision growing products increase the amount you can grow, improve the quality of what you grow, and limit your operating risks.

RP / WB / UK / 202008 / EN / 202503 / 2.0

MADE **FROM STONE.**

Rockpanel®
Part of ROCKWOOL GROUP

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Engage and interact.

CERTIFIED
cradle to cradle
SILVER

Rockpanel Colours
Rockpanel Natural
Rockpanel Uni