

FACADE SOLUTIONS

ASSORTMENT GUIDE

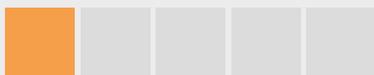


Part of the ROCKWOOL Group



Planks

Combine contemporary lines and tradition



Modern, versatile boards for traditional facade solutions. Easy to use for sidings, classic tongue and groove.

Pages 46-49



Basic applications

A simply great way to renovate



Functional, easy-care facades, soffits and fascias. Ideal for improving and renovating homes.

Pages 50-57



Nature facades

Play around with natural surfaces and designs



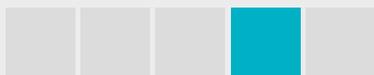
Natural looking facades that blend into their surroundings. In harmony with nature and the environment.

Pages 58-67



Design facades

Explore shapes and colours freely



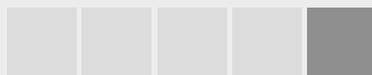
Expressive design facades for impressive buildings. With complete freedom in terms of colour, surface and shape to make every vision a reality.

Pages 68-79



Premium facades

Make a unique statement



To create something truly incredible, you need complete design freedom. Rockpanel Premium helps you to push all boundaries.

Pages 80-85

Everything you need – and more

Our broad range of facade solution applications provide a clear structure to meet your needs as an architect.

The product division is based on design and technical criteria that are crucial for your building project.

Choose between the different product solutions and decide which facade is ideal for your building.

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Who we are

A wide-angle landscape photograph capturing a sunset over a mountain range. The sun is positioned low on the horizon, casting a warm, golden glow across the sky and the terrain. The sky is filled with soft, wispy clouds that catch the light of the setting sun. In the foreground, rugged, grey rock formations are scattered across a hillside covered in sparse green grass and small shrubs. The middle ground shows rolling hills and valleys, with a prominent mountain peak in the distance. The overall atmosphere is serene and majestic, emphasizing the natural beauty of the environment.

**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.



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



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



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



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.



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



Rockpanel HQ

Who we are

Facades made from basalt.

Reliable protection with impressive design.

You have a firm idea of the shape and function of your building.

With Rockpanel, create the facade that corresponds to your idea. We have over 25 years of market experience.

The starting point is the natural raw material from which each of our facade panels is made: basalt.

The volcanic rock basalt is almost unlimited in nature and forms the basis for our stone wool facade panels. The facade panels are recyclable and have an in the ETA confirmed lifetime of 50 years.



This makes Rockpanel a unique, sustainable building material.

Since our facade panels are made of stone wool, they meet the strict requirements for structural fire safety and offer optimum protection for people and the environment.

A Rockpanel facade has many features: It is durable, sustainable, light-weight, easy to install and resistant to the elements.



Each building material has its own strength.

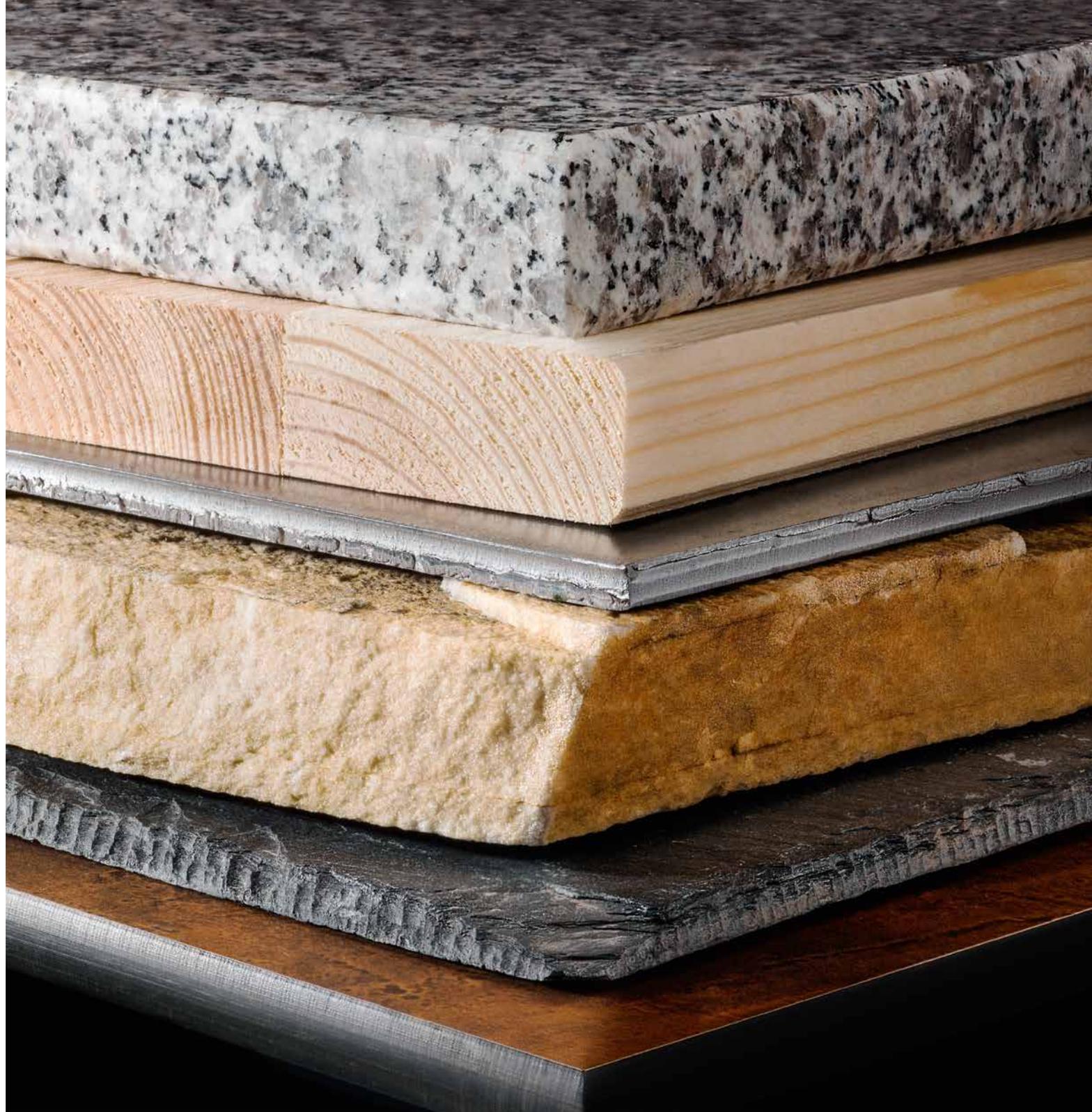
As long as buildings have existed, people have been cladding them. To protect and insulate them and to make them more durable.

And, of course, to give them value and a unique look & feel.

Traditional building materials such as stone or wood may only have a few of the properties that are crucial for facades.

The ideal facade material should combine all these qualities.

Discover Rockpanel.



Just one material has it all. Rockpanel.

Design freedom



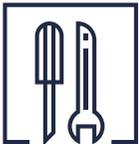
More than 200 colours and designs
Customised solutions
Bending and curving
Narrow joints

Fire safety



Contains hardly any combustible materials
Euroclass A2-s1,d0 available
No burning droplets
Free of fire-retardant additives

Installation benefits



Light-weight
Standard tools suitable
Non-directional
Dimensionally stable

Sustainability

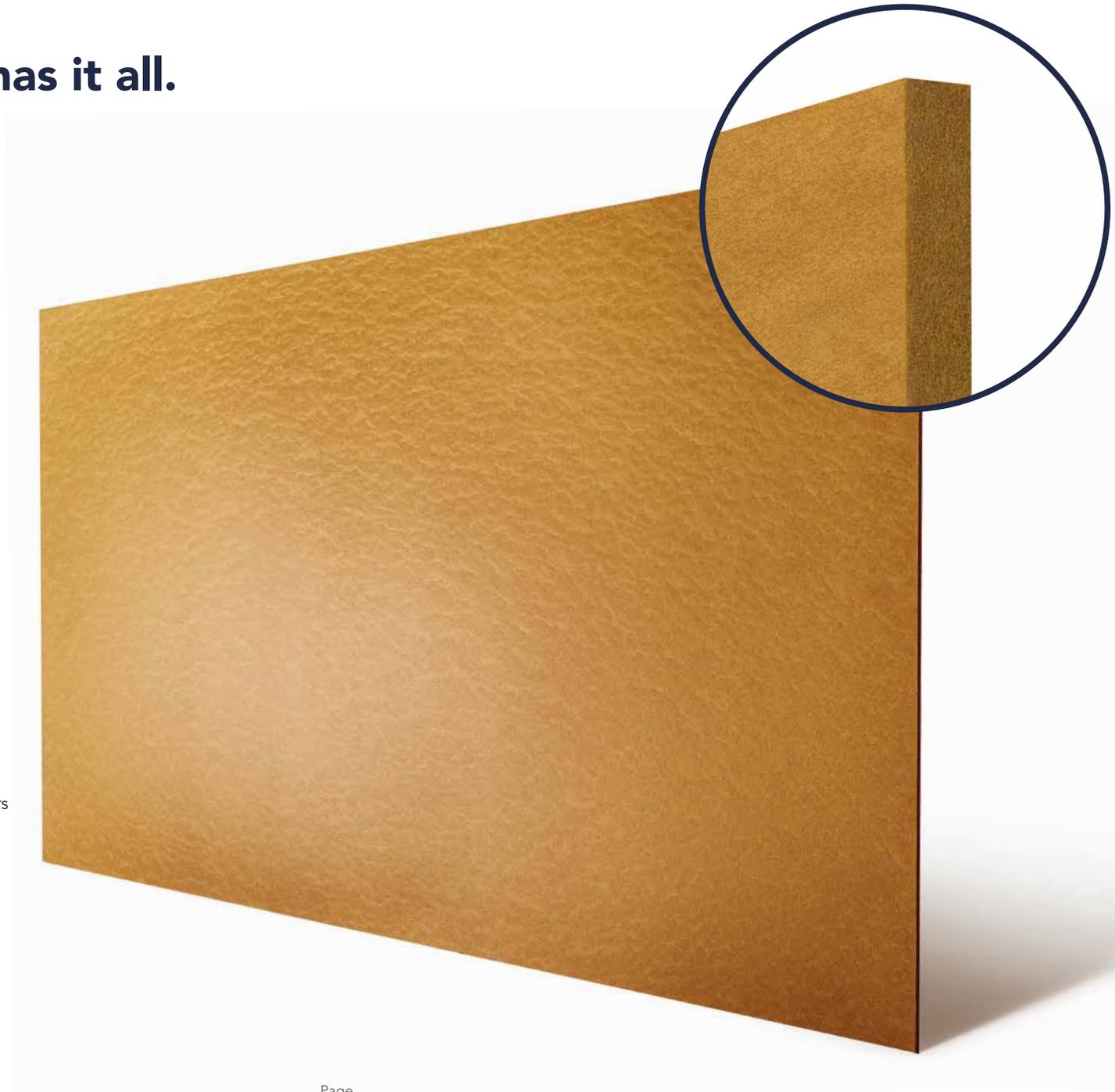


Recyclable
Natural raw material (basalt)
In ETA confirmed lifetime of 50 years
Water-based coating

Durability



Colour and UV-resistance
Insensitive to moisture
Low thermal expansion
Low maintenance
Dirt-resistant







Design freedom

Give colour to your facade.

With more than 200 colours & designs

Through an interplay of colour, finishing and designs, you give your facade a unique effect.

Set your creativity free with over 200 colours and designs.

Or choose your own colour – almost all RAL and NCS colours are available.

Rockpanel Lines²

Pick one of our RAL colours or a ready-to-paint Lines² for an unparalleled interplay of lines

Rockpanel Uni

Choose from a selection of RAL colours for easy and functional applications

Rockpanel Ply

1 ready-to-paint primer for any colour of your choice

Rockpanel Natural

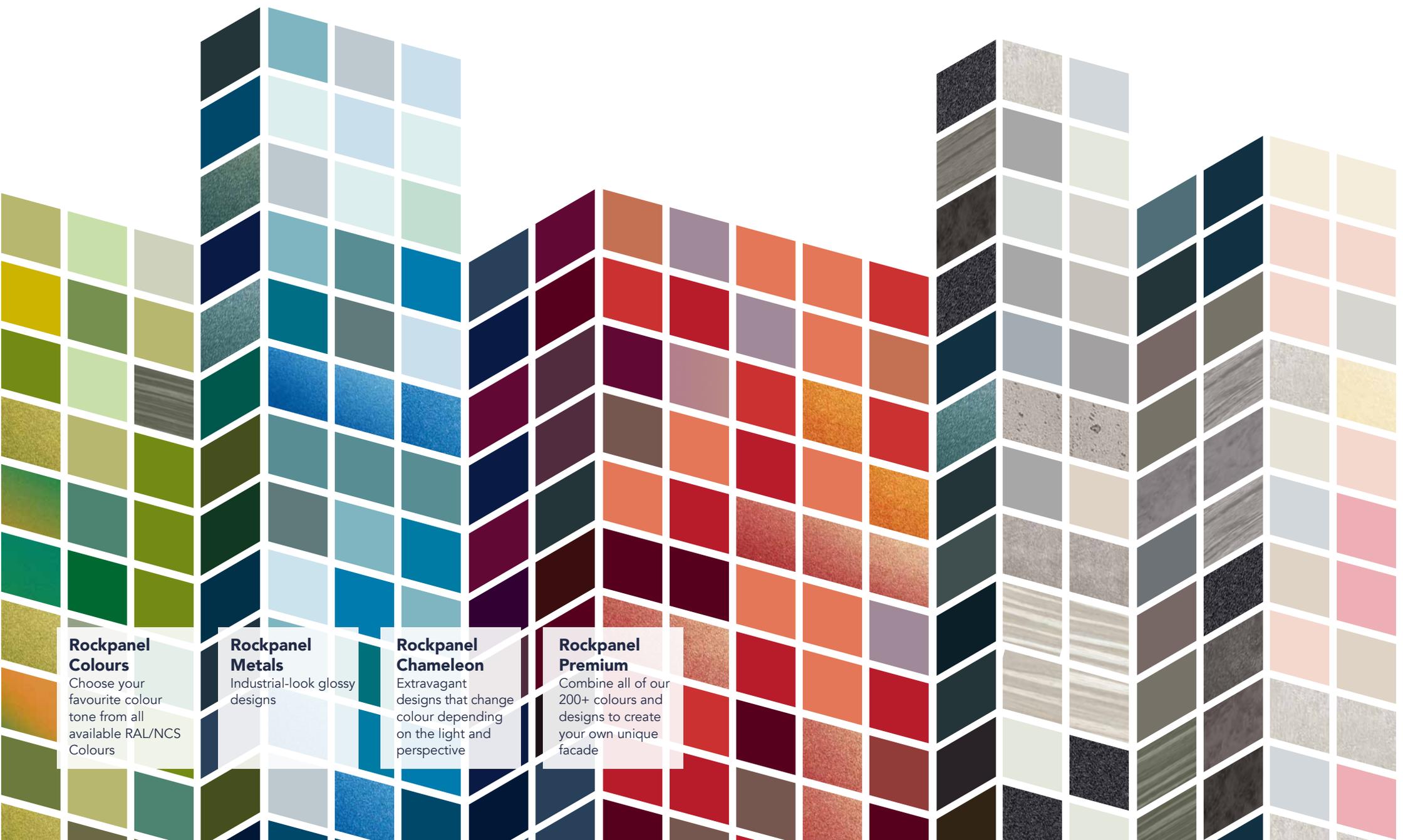
1 puristic design that turns dark brown due to natural weathering

Rockpanel Woods

A wide variety of natural-looking wood designs

Rockpanel Stones

A range of authentic stone designs



Rockpanel Colours

Choose your favourite colour tone from all available RAL/NCS Colours

Rockpanel Metals

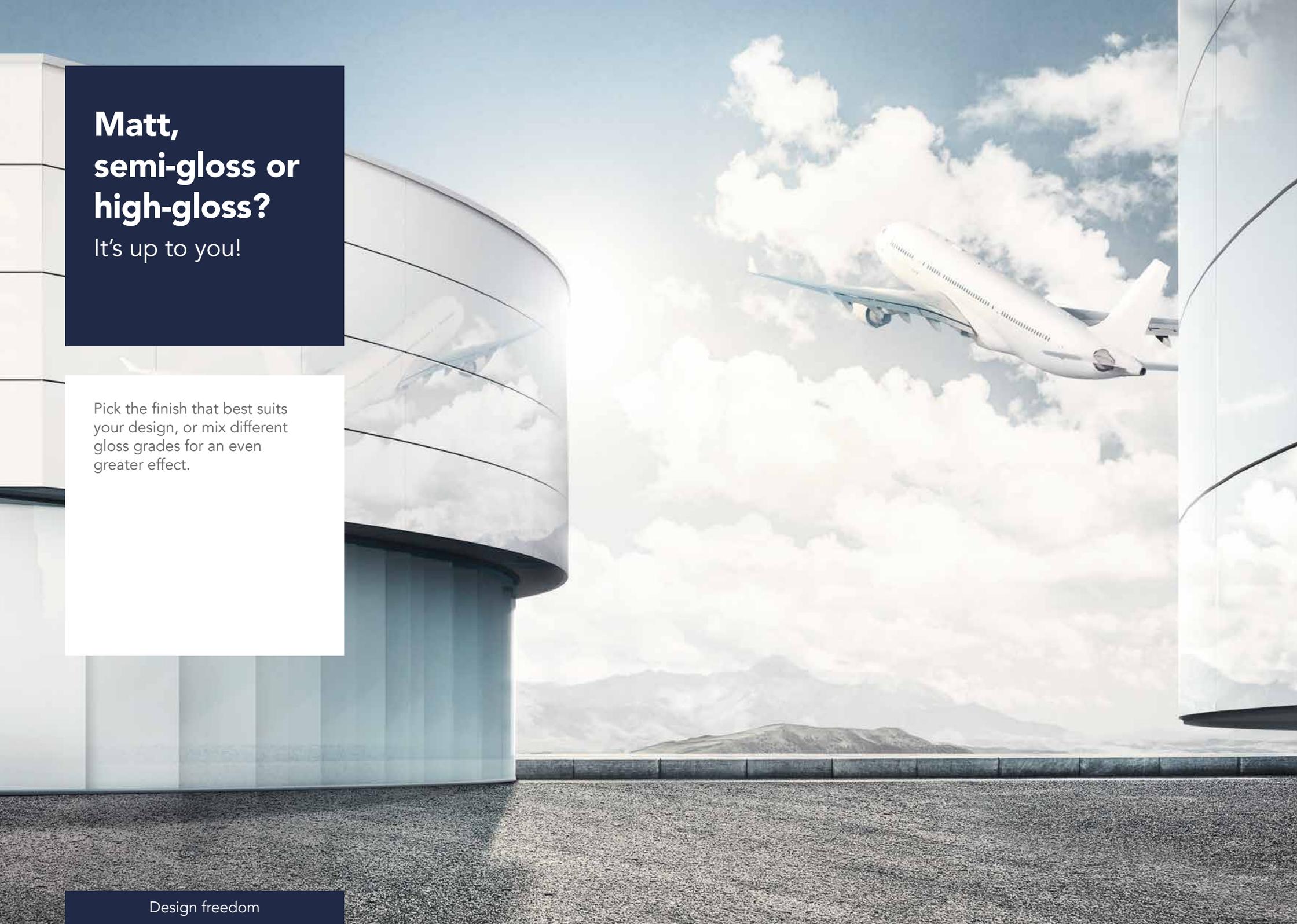
Industrial-look glossy designs

Rockpanel Chameleon

Extravagant designs that change colour depending on the light and perspective

Rockpanel Premium

Combine all of our 200+ colours and designs to create your own unique facade



Matt, semi-gloss or high-gloss?

It's up to you!

Pick the finish that best suits your design, or mix different gloss grades for an even greater effect.



Playing with light – a fabulous finish

When realizing your project, you want every detail to be just right. That's why we offer three different gloss grades: matt, semi-gloss and high-gloss. Each level of reflection has its own character. Feel free to play with light to create your own perfect picture. And for an additional dimension, you can even combine our different finishes.

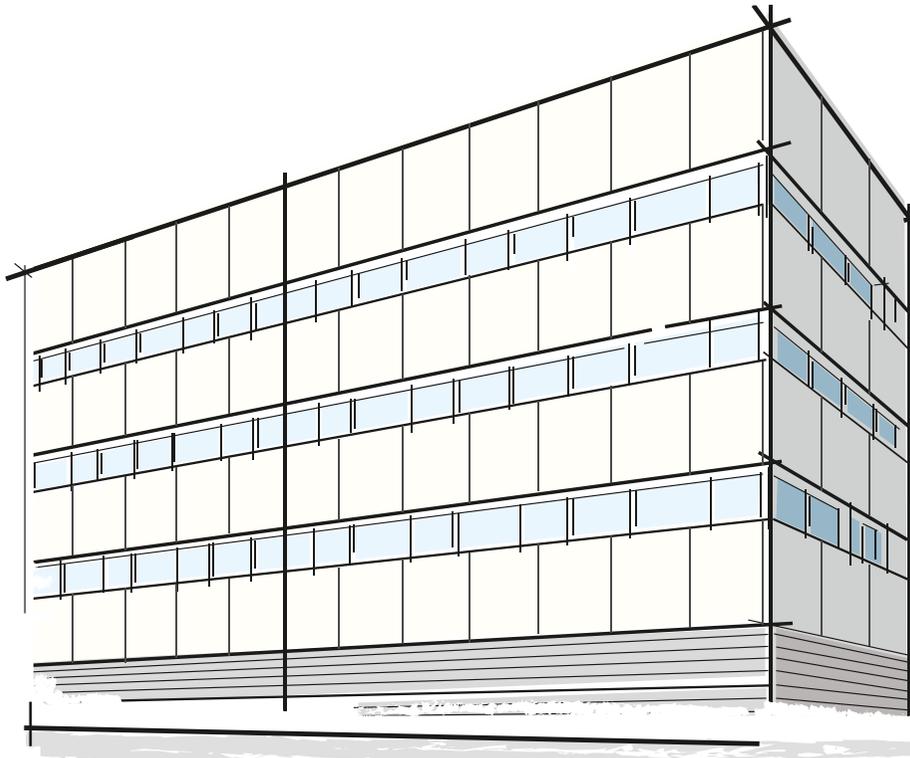


matt

semi-gloss

high-gloss

Versatile interplay of lines on unique facades. Flexible and effective.



It starts with your building idea

In addition to colour and material, the design of the facade gives your building its character, shapes its surroundings and follows function.

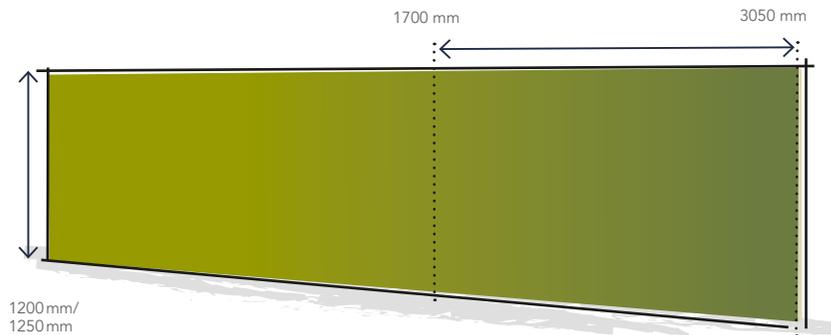
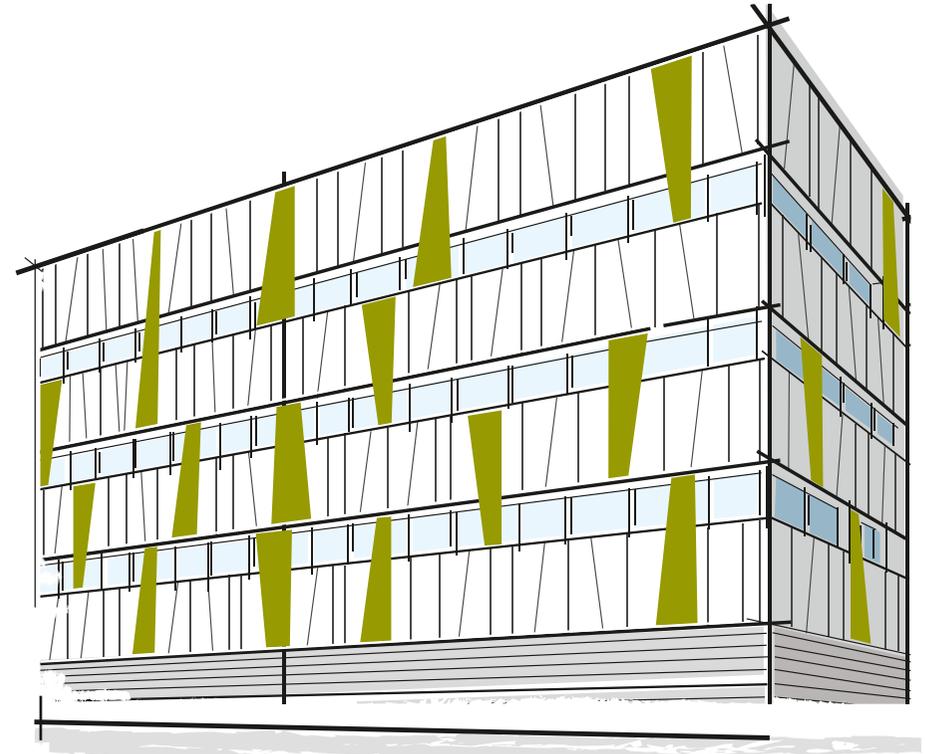
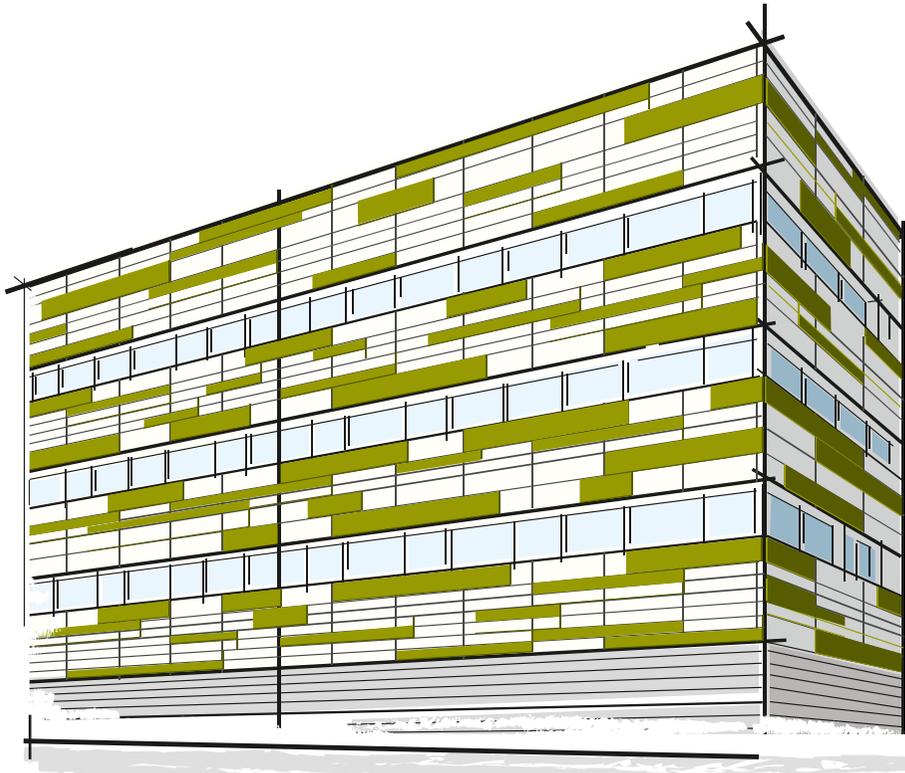
With Rockpanel, you are in control – maximum design freedom at lower costs.



Rockpanel is flexible

If a particular panel format makes sense for your facade design, we make it – customised to your needs.

Thanks to the innovative production process, Rockpanel boards are available in all lengths between 1700 and 3050 mm. You decide which lengths are best for your particular layout.

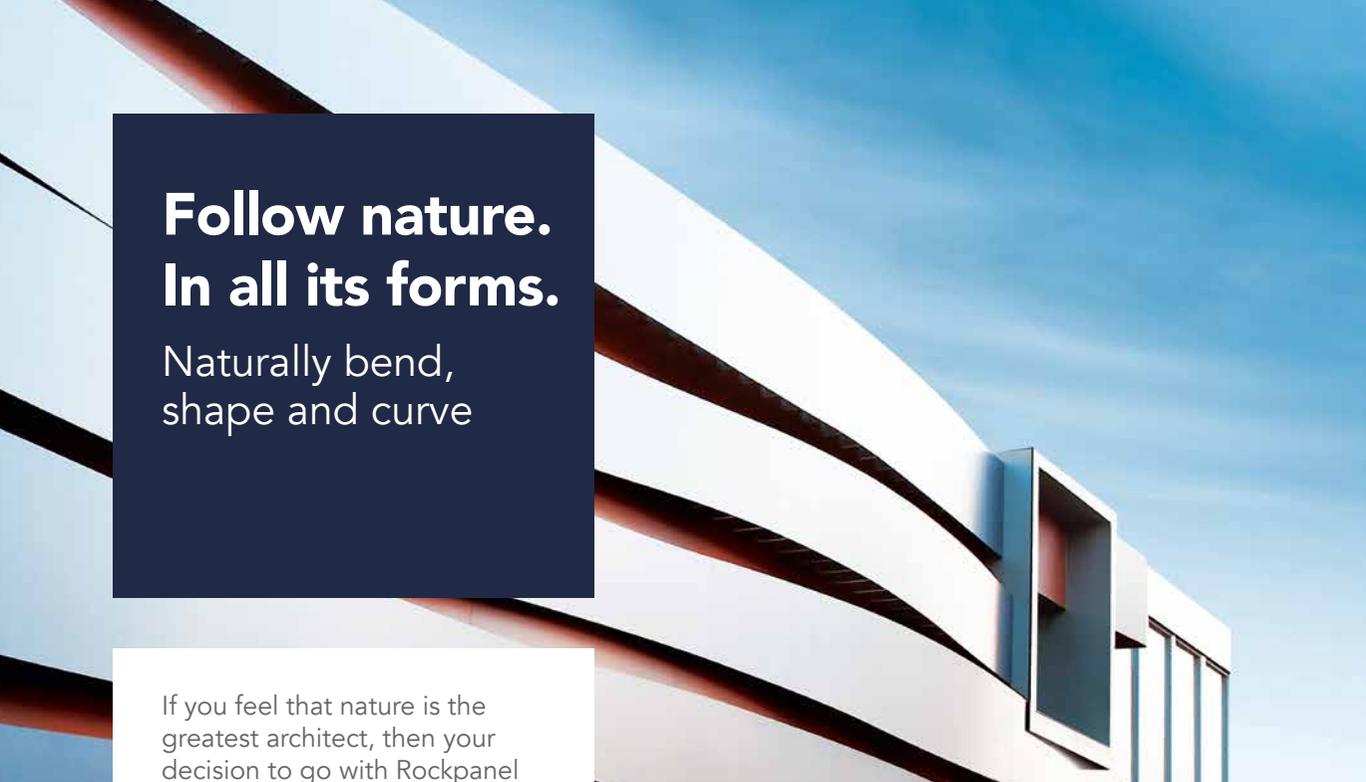


The facade fits into your vision and budget

Rockpanel facade cladding is quick and easy to install. Due to its unique format, it is virtually waste-free and highly cost-effective.

You will always find the solution that is exactly right for your building. Because it simply fits – into your design, your schedule and your budget.





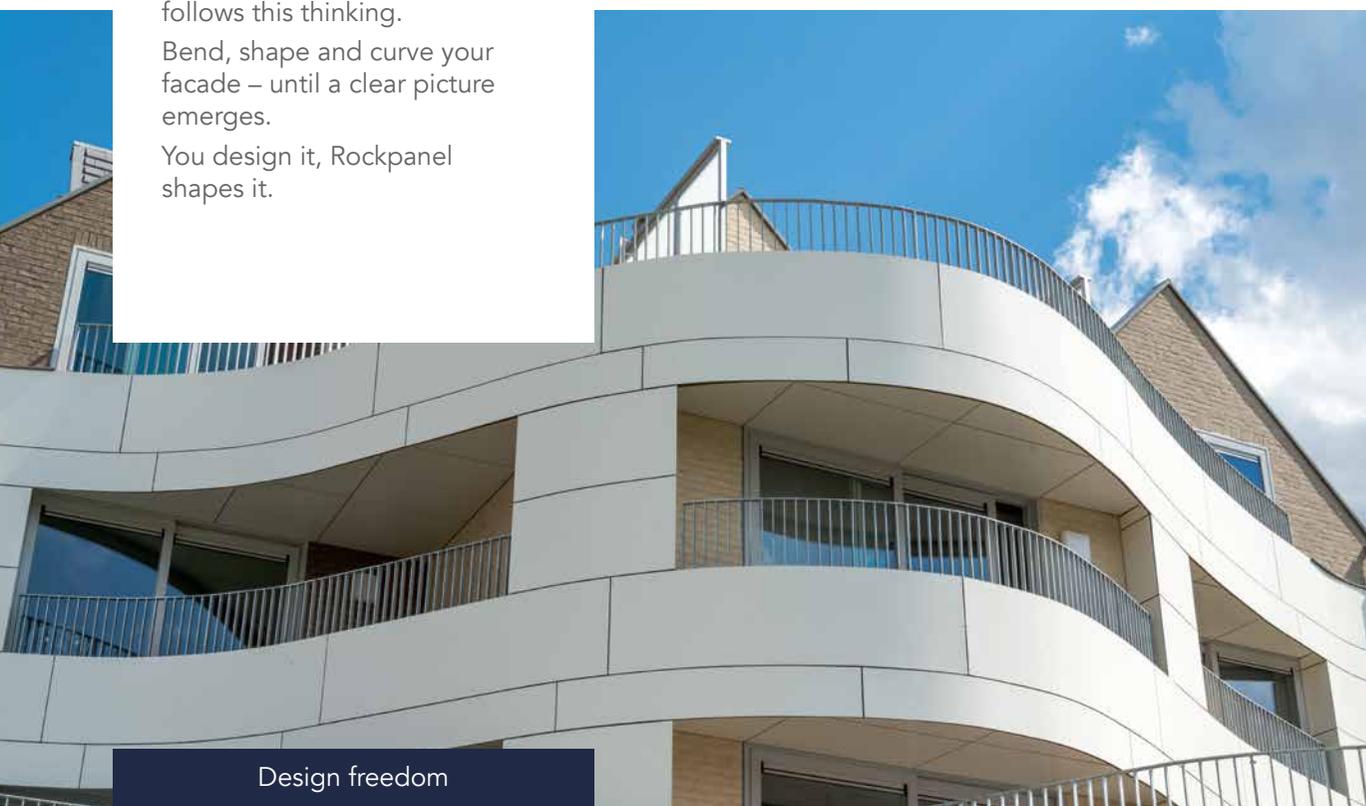
Follow nature. In all its forms.

Naturally bend,
shape and curve

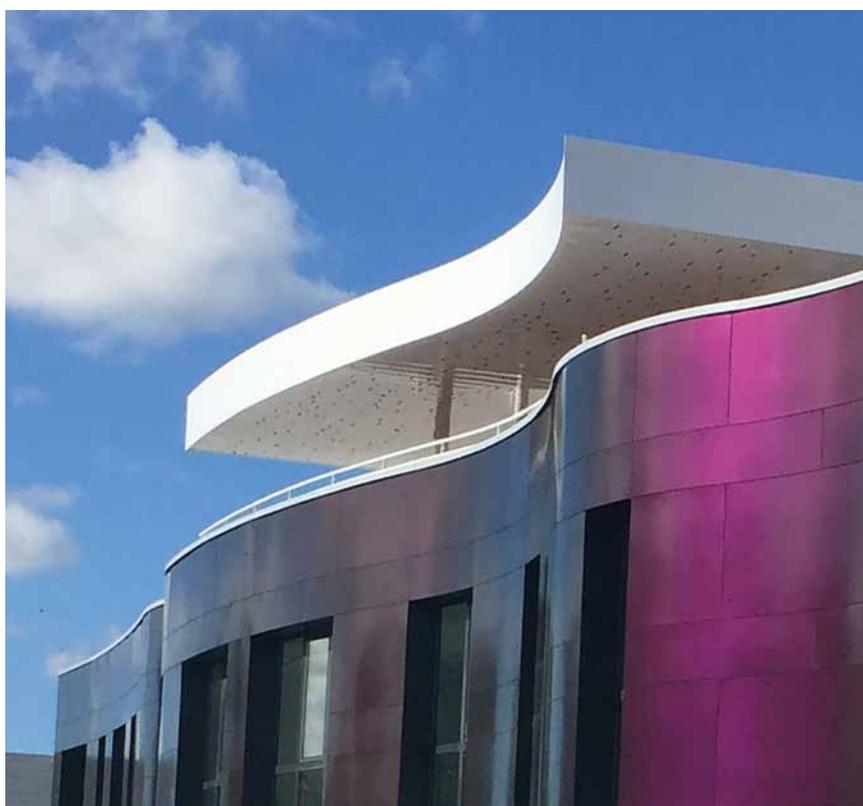
If you feel that nature is the greatest architect, then your decision to go with Rockpanel follows this thinking.

Bend, shape and curve your facade – until a clear picture emerges.

You design it, Rockpanel shapes it.



Design freedom





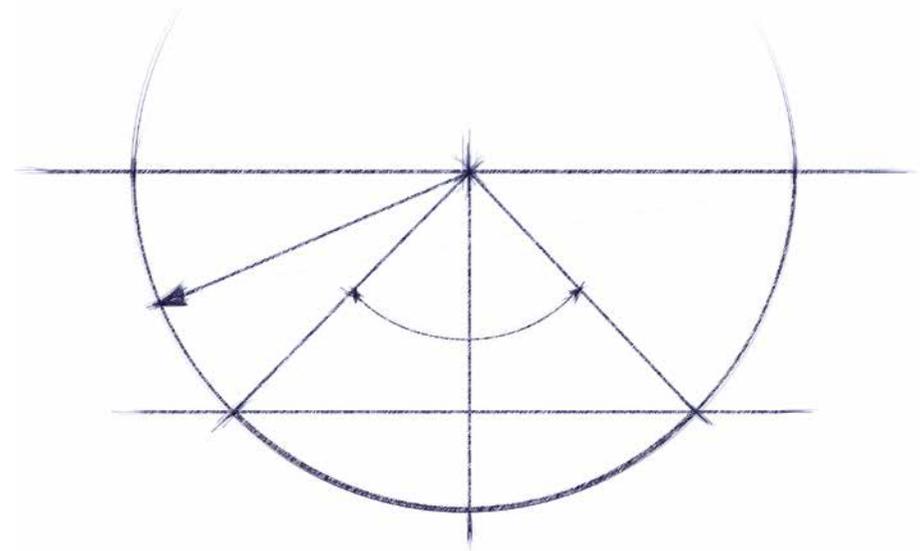
Expand your design radius

Whatever idea you have in your head for your building, you can shape it with Rockpanel facade panels.

Tell the story behind your architecture directly on the surface, with the facade. Transform your building into an eye-catching feature with organically flowing forms.

Bend, shape and curve Rockpanel facade panels into any shape you like – even a circle.

With Rockpanel Durable, designs with a radius of more than 1900 mm can be made. Our facade panels can be easily bent and curved without any additional treatment.

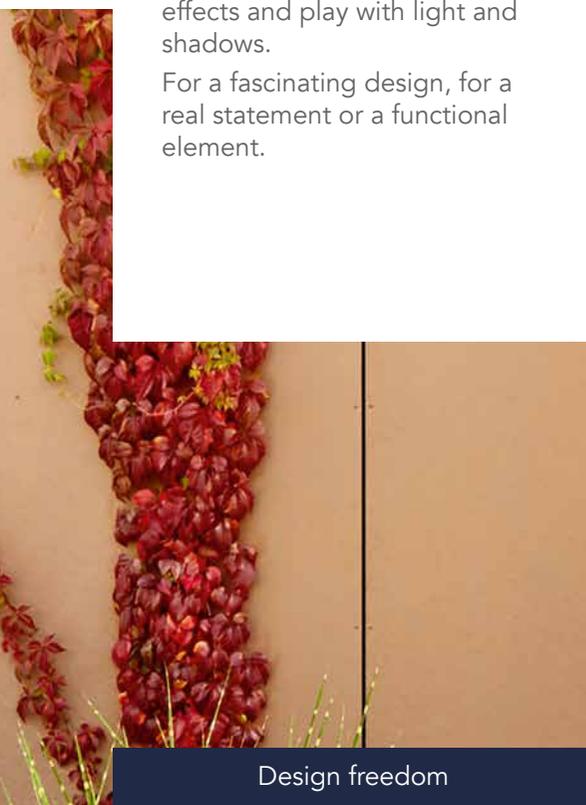


Play around with light and shade.

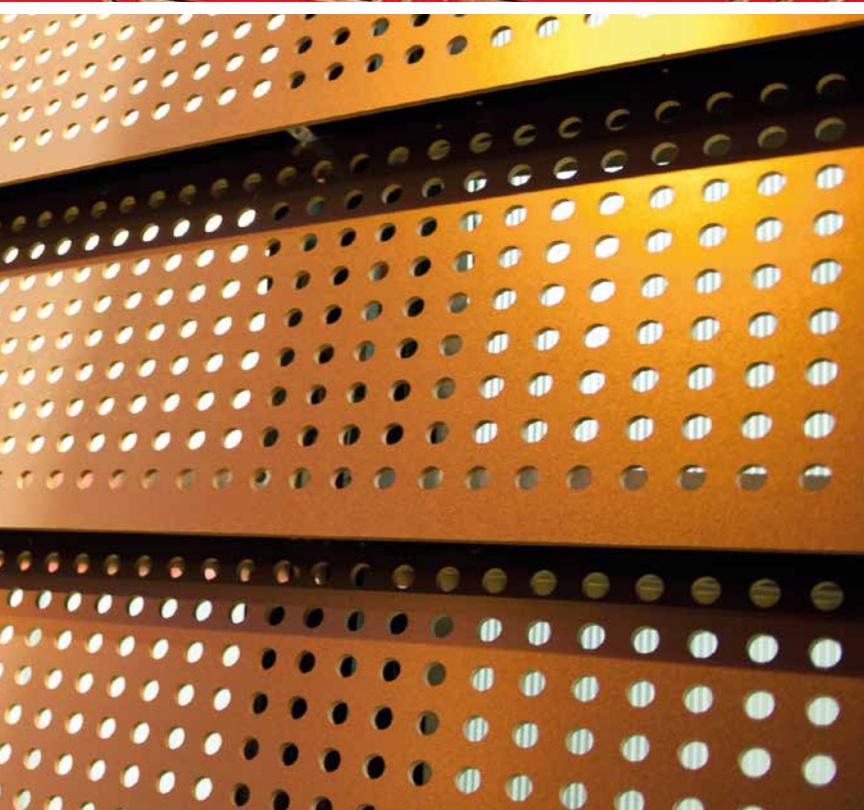
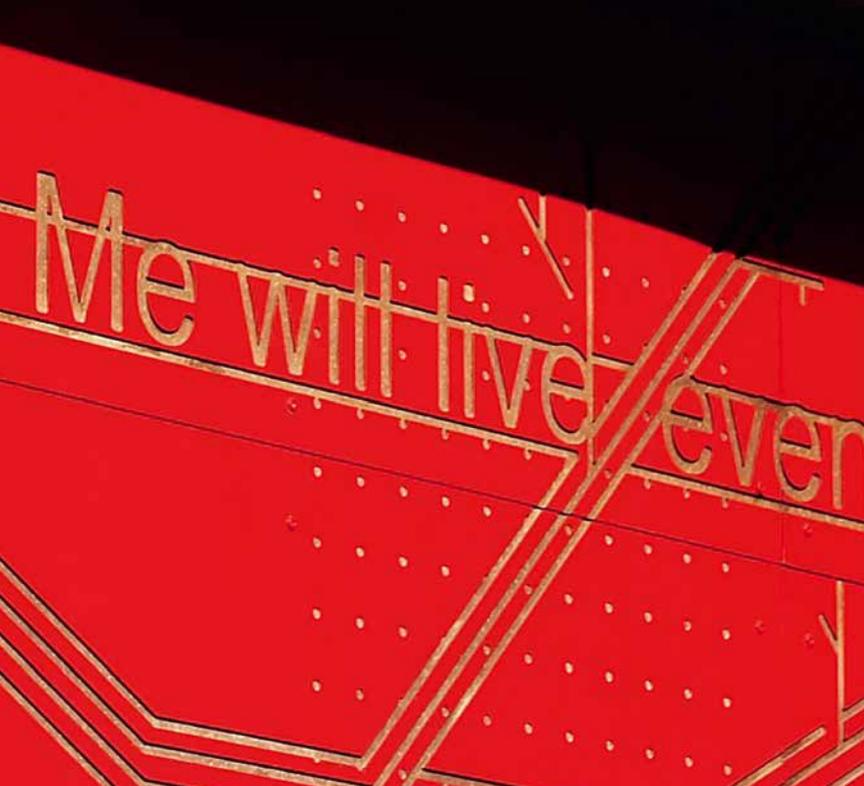
Engraving and
perforating

Add a third dimension to the design of your facades. Create some additional visual effects and play with light and shadows.

For a fascinating design, for a real statement or a functional element.



Design freedom

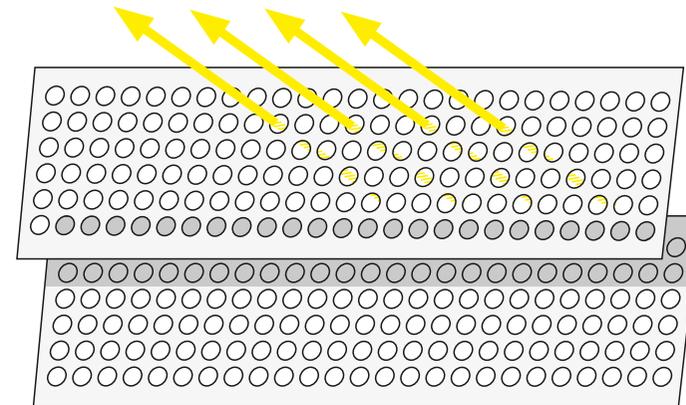


Make a statement with your facade.

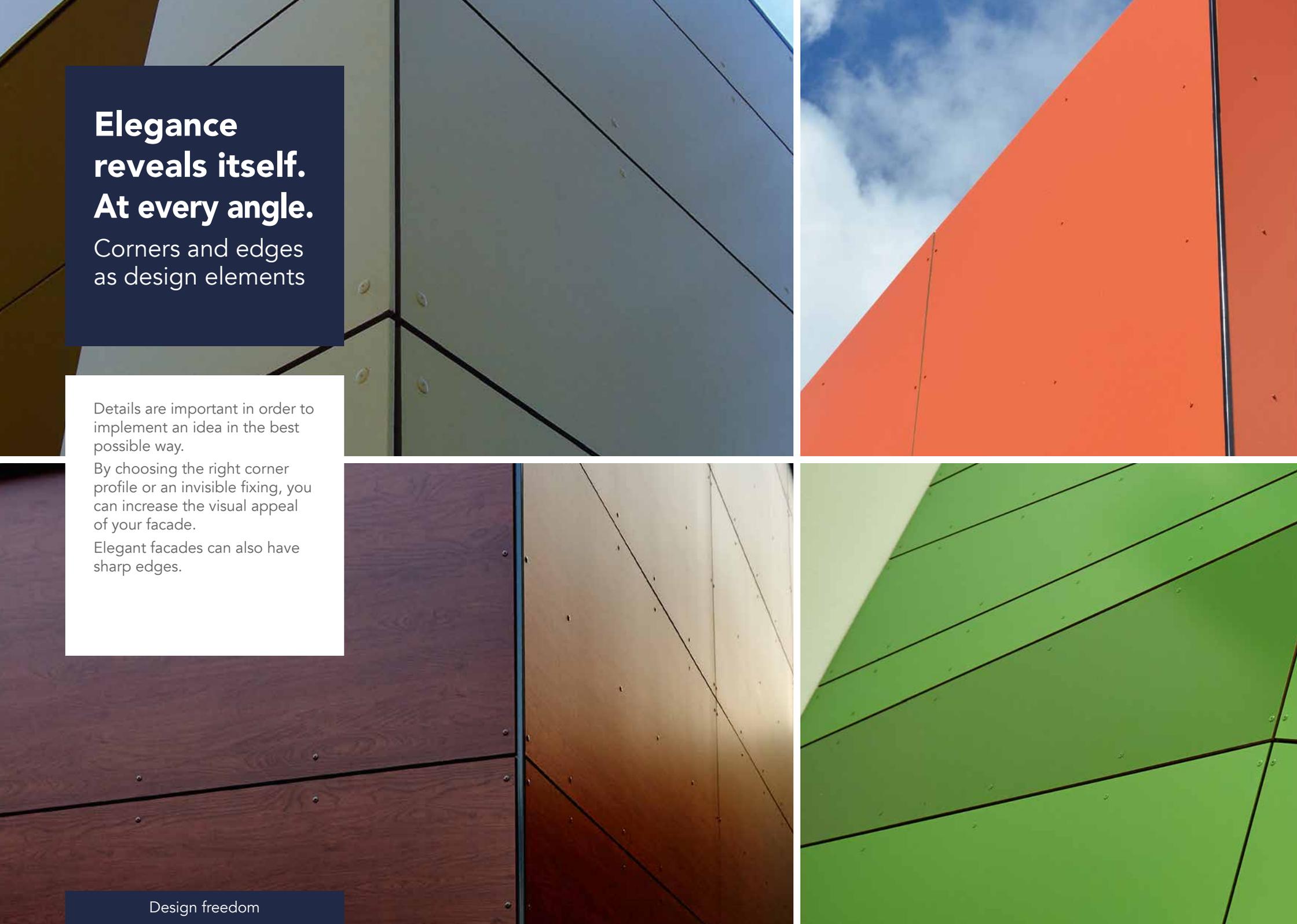
Enhance the outer layer of your buildings. Integrate company logos and slogans. Incorporate clear patterns and drawings directly into the facade. Thus, building design and messages become comprehensible – literally in the facade.

Project-specific customer needs and requirements can be met when developing customised design solutions. There are many possibilities for architects in terms of engraving or perforation. We are happy to assist you in realising your idea.

By engraving or perforating the Rockpanel boards you can create a unique facade that plays with light and shadows.



Light can escape through the perforation. Thus, in dark conditions, an attractive visual effect is produced.



Elegance reveals itself. At every angle.

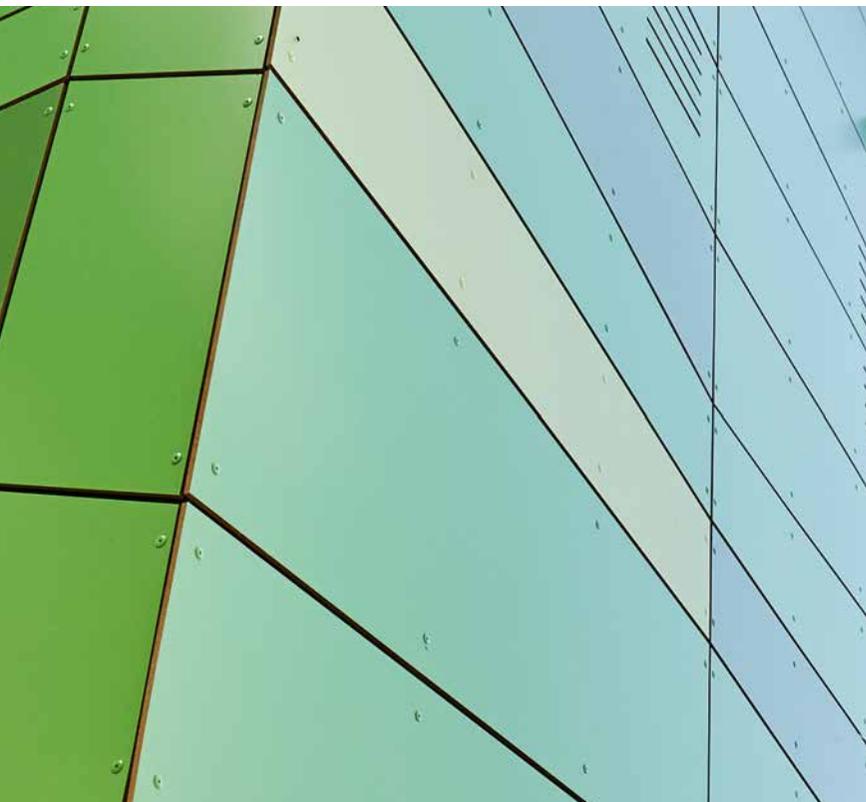
Corners and edges
as design elements

Details are important in order to implement an idea in the best possible way.

By choosing the right corner profile or an invisible fixing, you can increase the visual appeal of your facade.

Elegant facades can also have sharp edges.

Design freedom



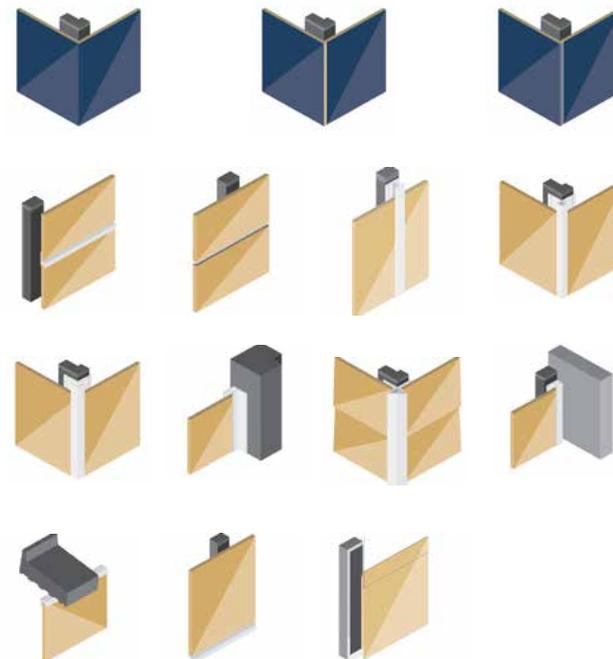
Emphasise corners and show edges

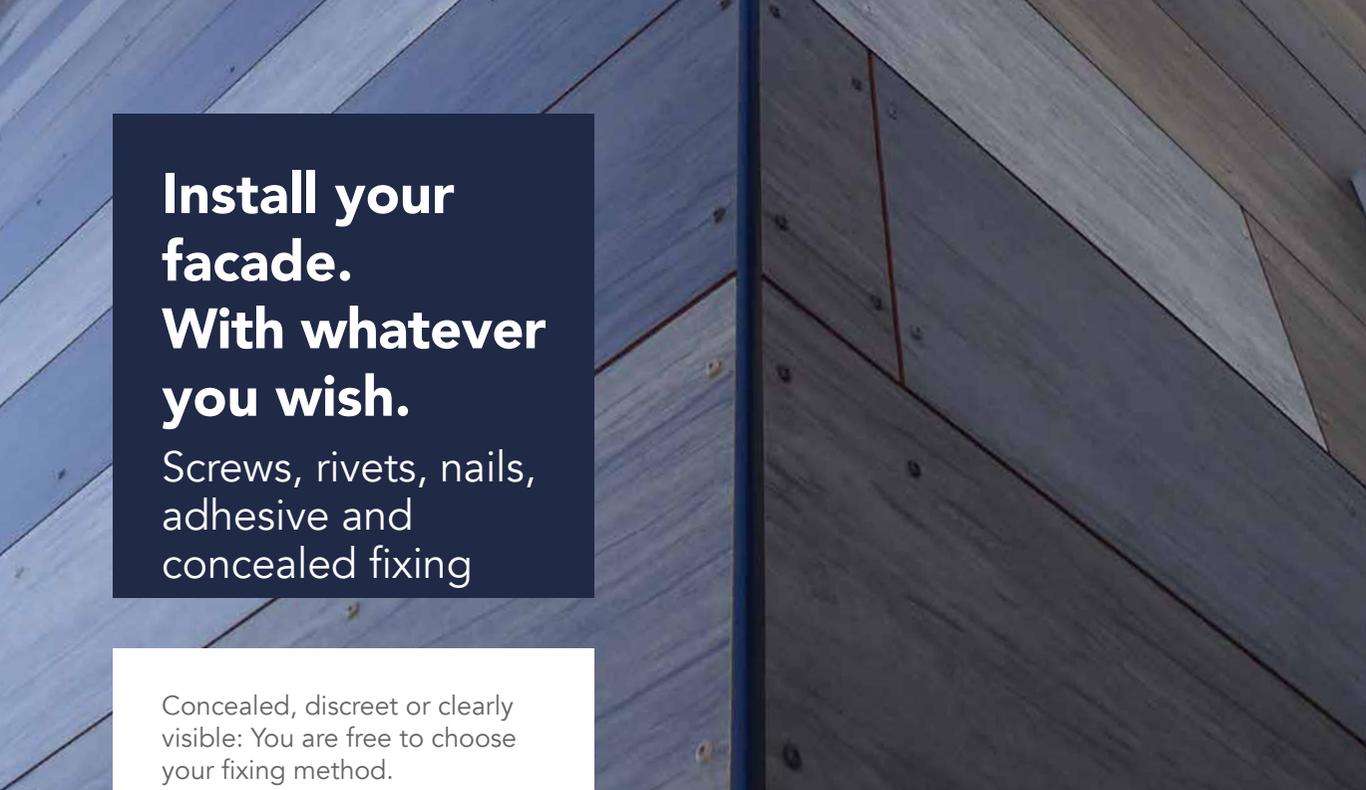
Joints and corners give the facade design a definite emphasis and are a clear, formal statement – for a special material.

The edges of Rockpanel facade panels do not need to be treated to protect them from moisture. Opt for a corner solution for purely aesthetic reasons, which gives your design more depth and that extra touch.

You can maintain your creative freedom in the facade design – right down to the smallest corner. With a profile in the panel colour or finishing the edges with matching colour paint. Trims and profiles made of high-quality aluminium are available in nearly all RAL/NCS colours to suit your design.

Depending on the product and fixing, you can choose joint, corner and connecting profiles.



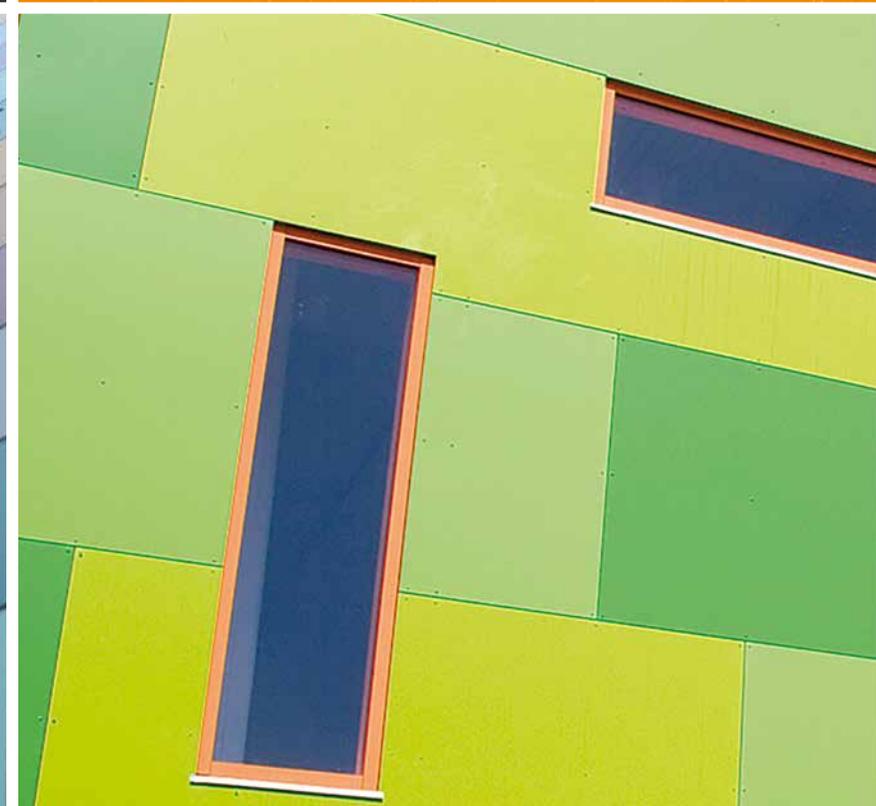
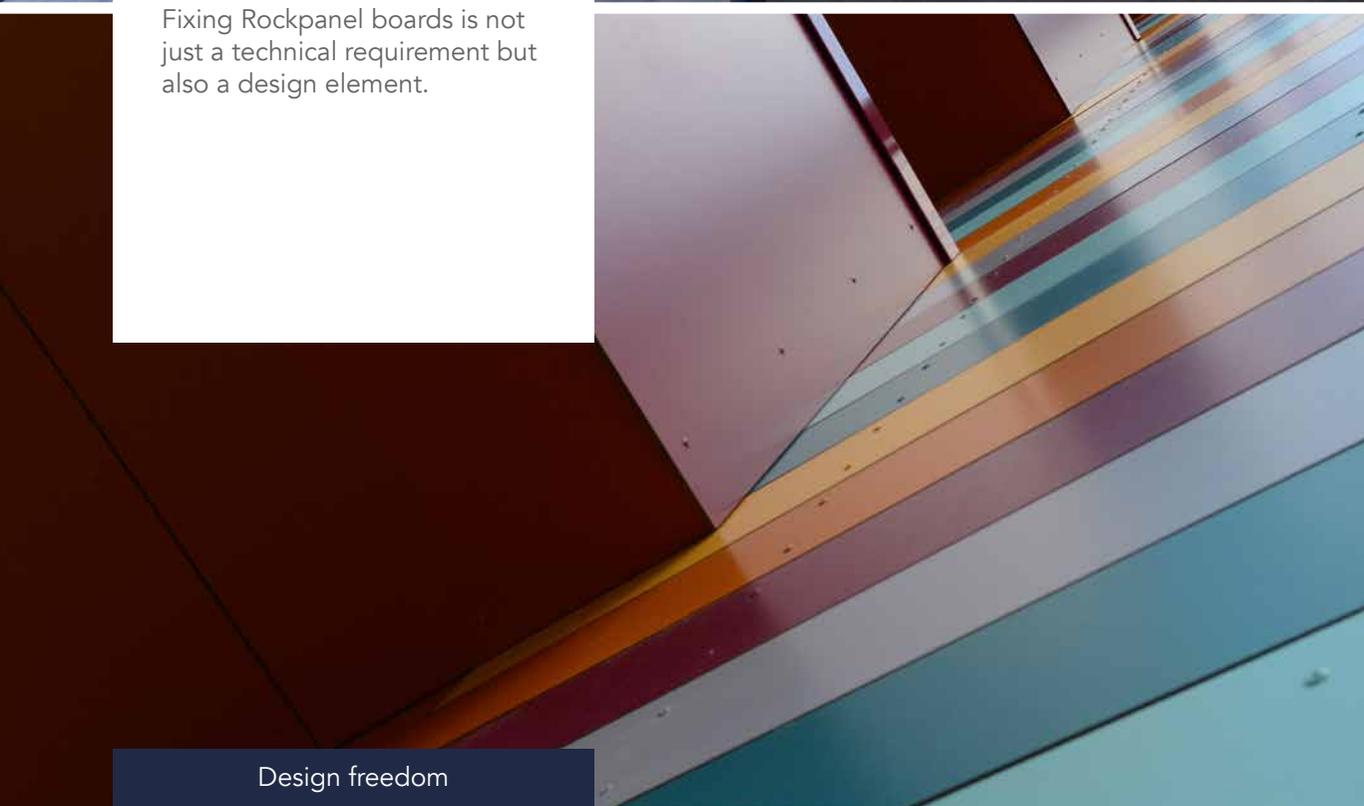


**Install your
facade.
With whatever
you wish.**

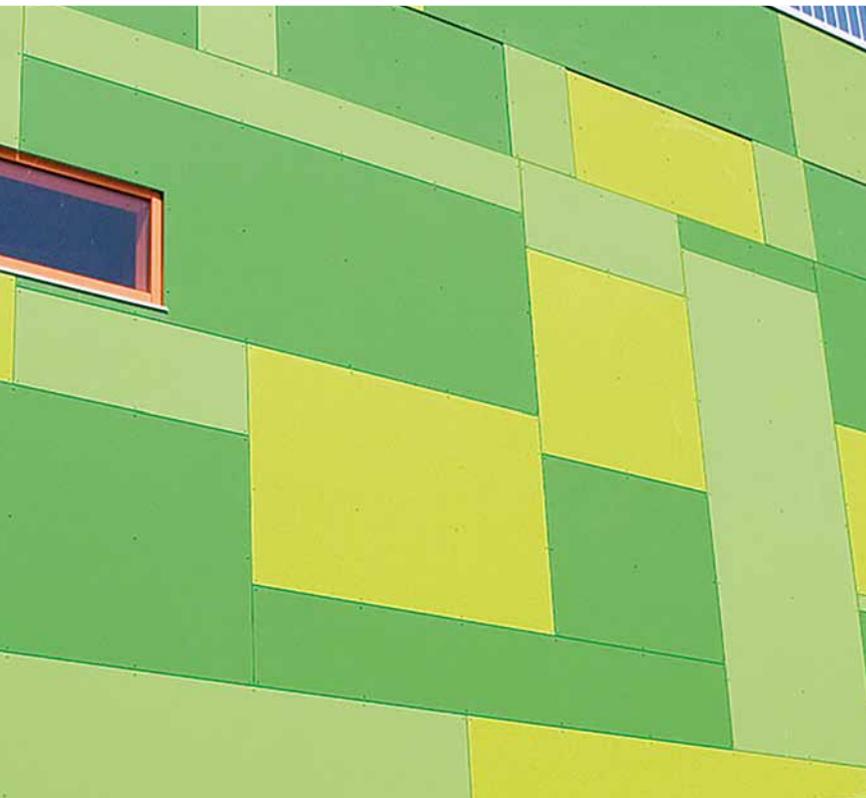
Screws, rivets, nails,
adhesive and
concealed fixing

Concealed, discreet or clearly
visible: You are free to choose
your fixing method.

Fixing Rockpanel boards is not
just a technical requirement but
also a design element.



Design freedom



**Screws, rivets, clips and invisible fixing.
You are free to choose.**

Rockpanel boards can be mounted in many different ways.

Screws or rivets are used in visible mechanical mounting. These can be matched to the colour of the facade or deliberately in contrast.

A more subtle, less obvious variant are nails, which are barely visible.

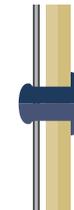
Invisible fixing is also an option: with our Tack-S adhesive system or with EasyFix clips for fast and permanent weatherboarding. Last but not least, we offer a concealed fixing system. This allows you to easily create a flawless facade with invisible mechanical fixing.

Screw fixed to timber



Screws

Rivet fixed to aluminium



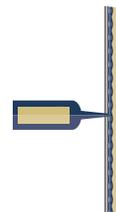
Rivets

Nail fixed to timber



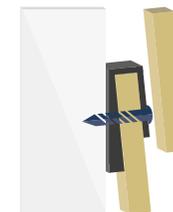
Nails

Adhesive system



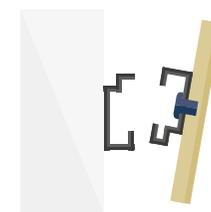
Adhesive method

Weatherboarding



EasyFix Clip

Concealed fixing



Concealed fixing





Material performance

Rockpanel: the right boards for today's facades. Solutions for the buildings of tomorrow.

Your creativity makes a building unforgettable



Complete design freedom

The facade characterises the building in many ways. This is why maximum design freedom is so important. Combine all of our colours, designs and finishes, anyway you want it. Mix the patterns of Rockpanel Woods or Stones with the effects of Rockpanel Chameleon or Metals.

Consider environmental influences and withstand external forces



Robust and always weatherproof

Whether prolonged and intense sun exposure, snow, frost or continuous rain: A high-quality facade must permanently withstand the elements both visually and mechanically, what is crucial for maximum facade life and requires robust materials.

Be socially and environmentally responsible



Built-in sustainability

In view of climate change, eco-friendly materials are an essential requirement for sustainable construction. Sustainability is a key factor in everything we do. Basalt, the basis material of our boards, is virtually limitless in nature and nearly fully recyclable. A responsible choice, for now and the future.

Plan for the future



Permanently low maintenance

Buildings must remain visually attractive for many decades. Easy maintenance and care is necessary for durability. Next to optimum colour fastness, there's also the increased self-cleaning capacity. This means most of the dirt on the façade is simply washed away by rainwater.

Ensure safety



Reliably fireproof

Rockpanel boards are available as Euroclass A2 – the responsible choice for high-rise and high-risk buildings. Safety comes first. No compromises.

Easy handling



Expand your creative space

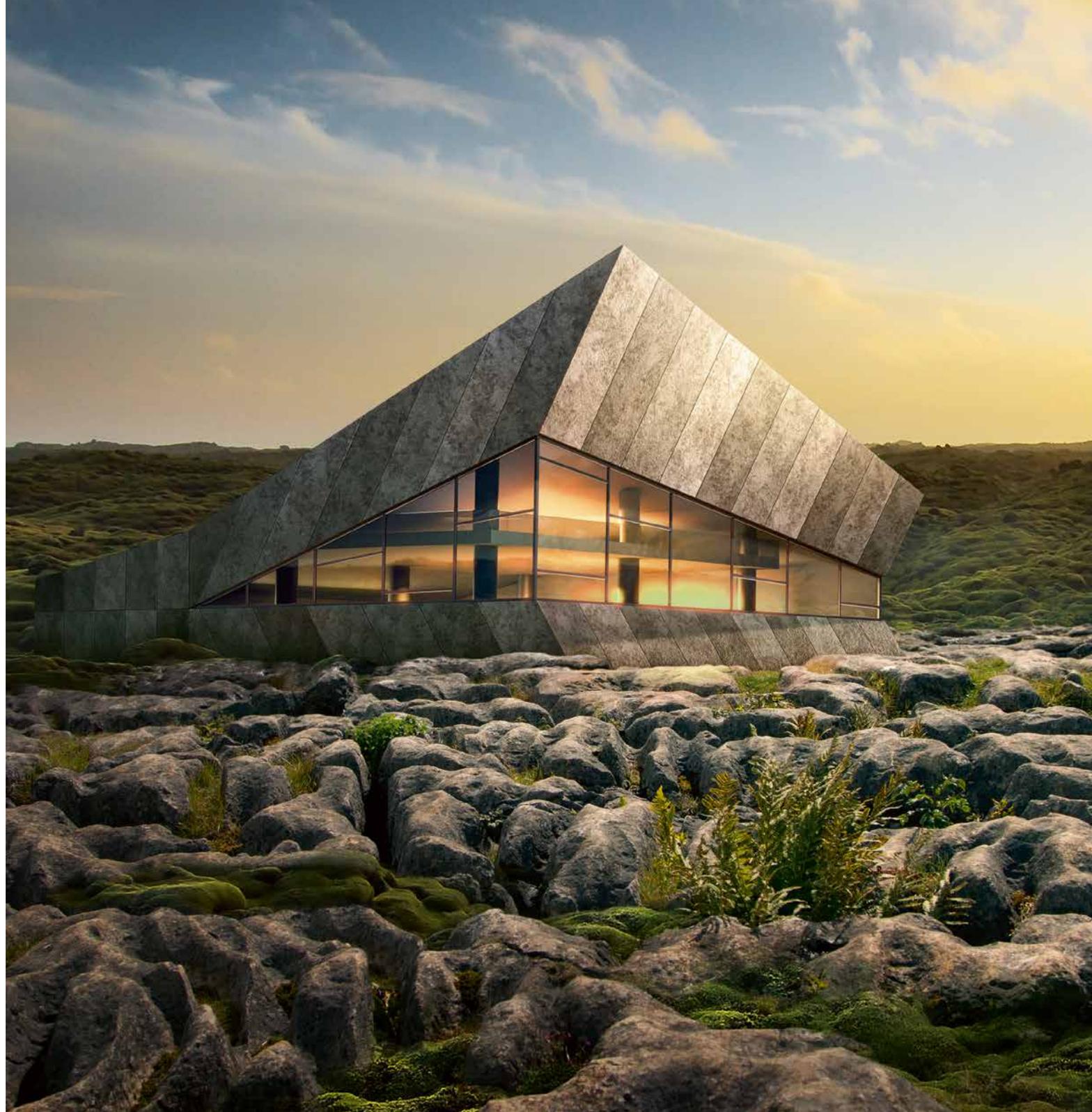
As Rockpanel boards are robust yet flexible and light-weight, the panels are easy to mount. And it can all be done with standard tools such as hand saws, circular saws, jigsaws and drills.

Build as we do, in the right way.

All Rockpanel products are sustainable – by nature.

Like all ROCKWOOL products, they are made from basalt, a raw material that is virtually unlimited in its availability and is renewable in the production cycle.

We are also continuously working on contributing to a healthy environment and a sustainable use of resources at every stage of the life cycle of our products.



Sustainable from start to finish.

Sustainability is a key factor in everything we do. We want to help build a better world and take good care of the earth for future generations. But how do we contribute to this?

Efficient manufacturing process

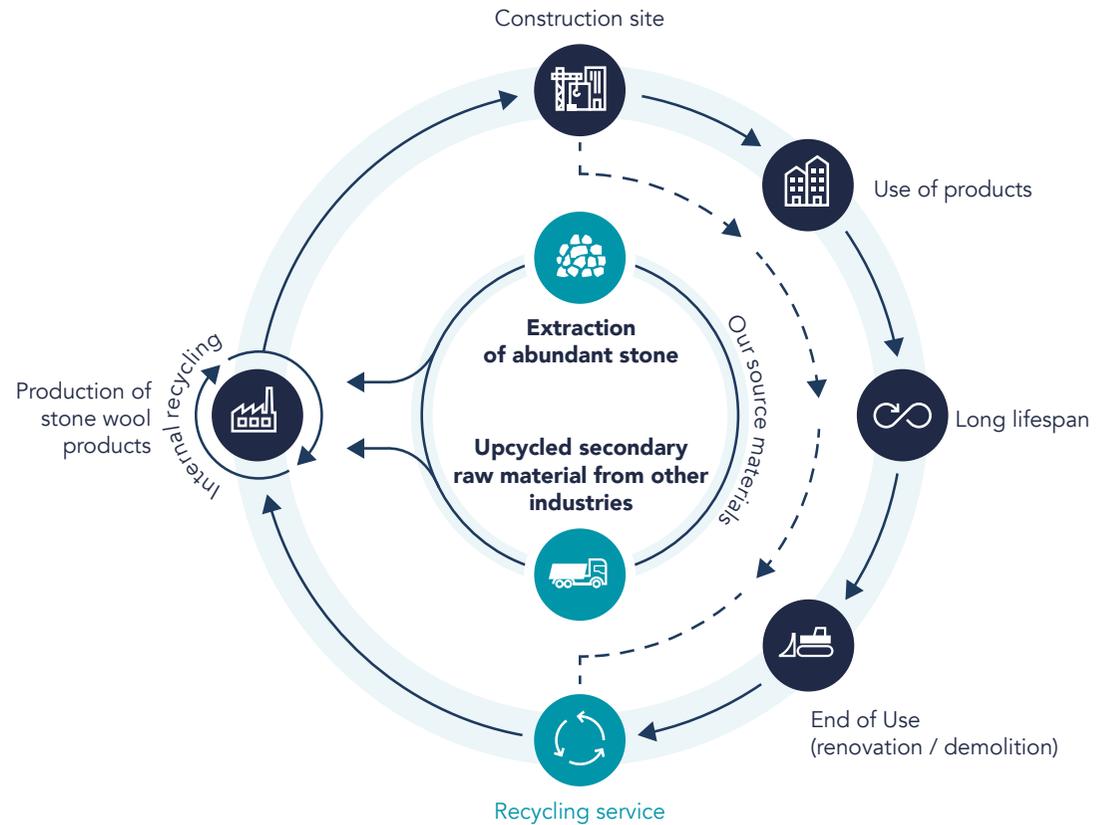
The starting point is the raw material from which all our facade panels are made: basalt. This volcanic rock is both readily available and sustainable – the earth creates 38000 times more basalt each year than we are using.

Thanks to our unique and highly efficient manufacturing process, we are able to produce more than 400 m² Rockpanel boards from only 1 m³ of basalt. In our factories and office buildings, we only use 100 % green electricity. Production waste is fully utilised, and up to 50 % of our raw material content are recycled materials.

Certifications

We have an externally verified Environmental Product Declaration (EPD according to EN15804), verified by IBU, which shows great environmental performance of Rockpanel facade panels.

Rockpanel production is certified to ISO 14001. All Rockpanel facade boards have an official ETA confirmed lifetime of 50 years.



Source material

- Basalt: natural and plentiful supply
- Use material sources located close to the production site
- Up to 50 % recycled content

Assembly and use

- Safe & easy to use
- Low maintenance
- High level of fire safety
- Moisture and temperature resistant
- In ETA confirmed lifetime of 50 years

Production process

- Production waste is completely recycled
- More than 400 m² of facade panels can be produced from 1m³ of basalt
- Water-based coating systems
- Recycling plants
- ISO 14001 certified
- Use of renewable energy

Recycling

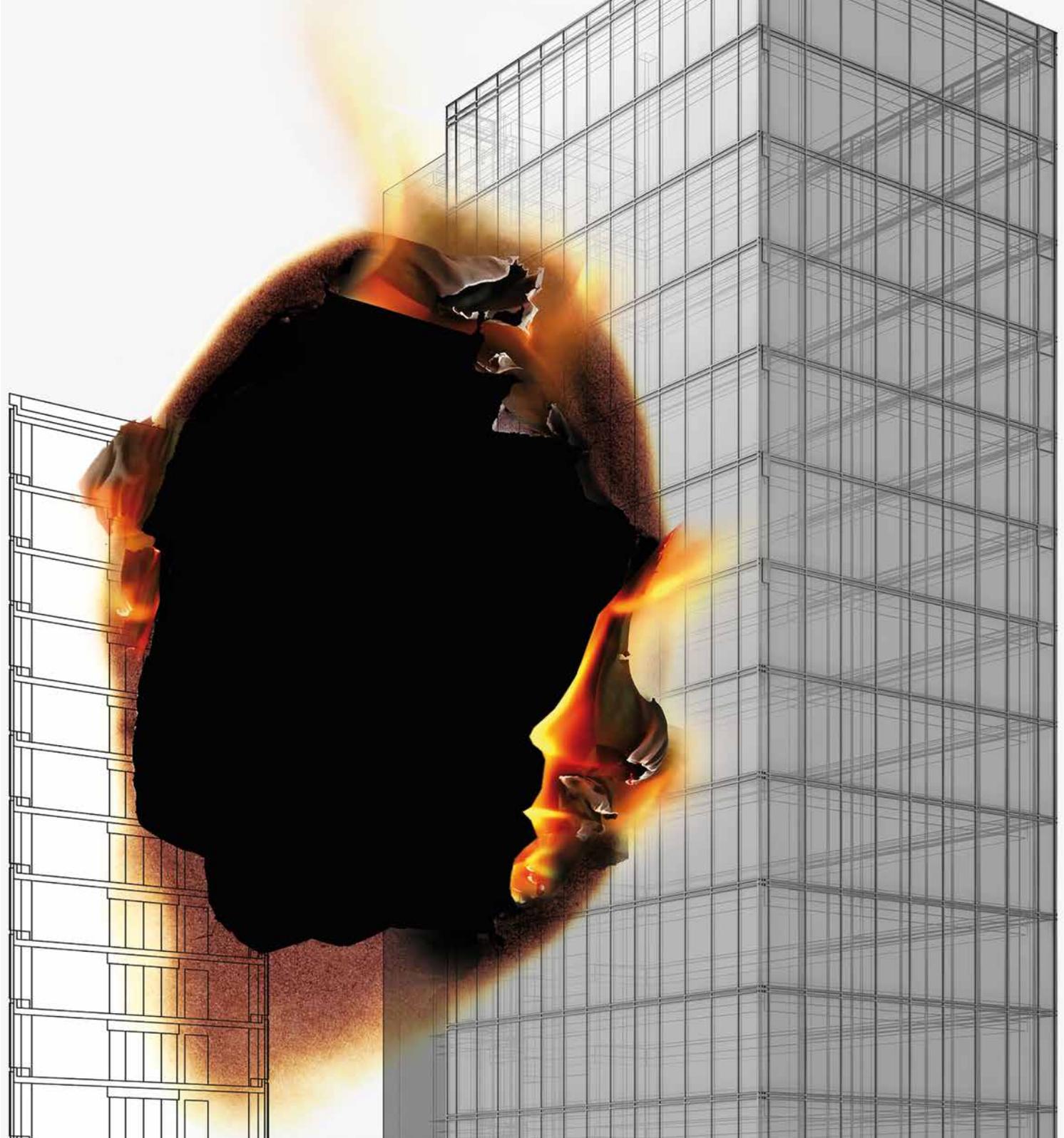
- Almost completely recyclable
- No loss of quality

Safety comes first. No compromises.

At Rockpanel, we feel everyone deserves to be in a safe environment. No matter where you live, work, play or learn: safety comes first.

Making the right choices therefore is essential. To ensure fire safety in high-risk and high-rise buildings, we should all work together. Each and every one of us should take responsibility and do their part.

It's part of our mission to use the power of stone to improve people's safety. That's why we offer facade cladding that is fire resilient by nature.



Enjoy design freedom. With integrated fire safety.

Fire safe as standard

Do not compromise between design and fire protection when realising your building idea.

Rockpanel facades are by nature durable, weather-resistant and robust. Because they are made of stone wool, they can withstand particularly high temperatures.

In the event of a fire, Rockpanel facade panels do not cause the fire to spread because no combustible parts can peel off or drop off.

Fire Safety

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.

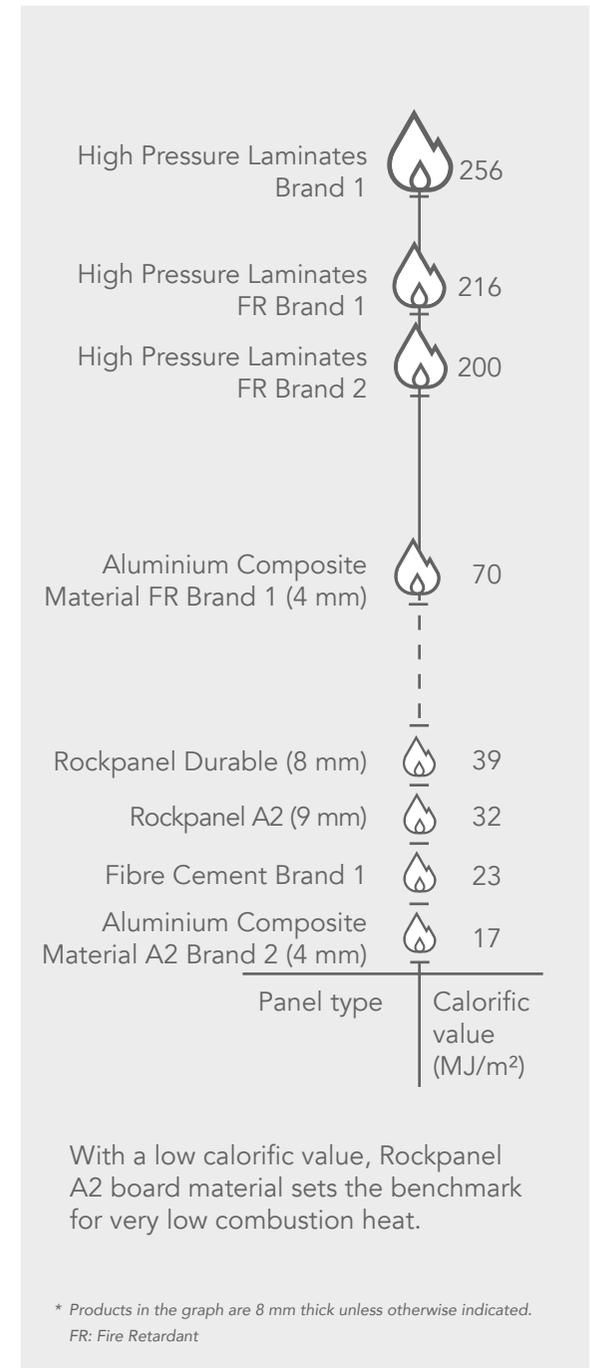
Completely non-combustible

For all high-rise and high-risk buildings we recommend the use of non-combustible facade panels and insulation with a minimum classification of A2-s1,d0 according to EN 13501-1.

Rockpanel A2 cladding gives each building a unique style and does not compromise when it comes to fire safety.

Rockpanel A2 facade panels used in combination with non-combustible insulation materials, e.g. ROCKWOOL stone wool, ensure that your building meets all the national building regulations.

With an aluminium or steel sub frame, this combination meets the requirements of the European Reaction to Fire classification system and can therefore be classified as non-combustible, according to national building codes.

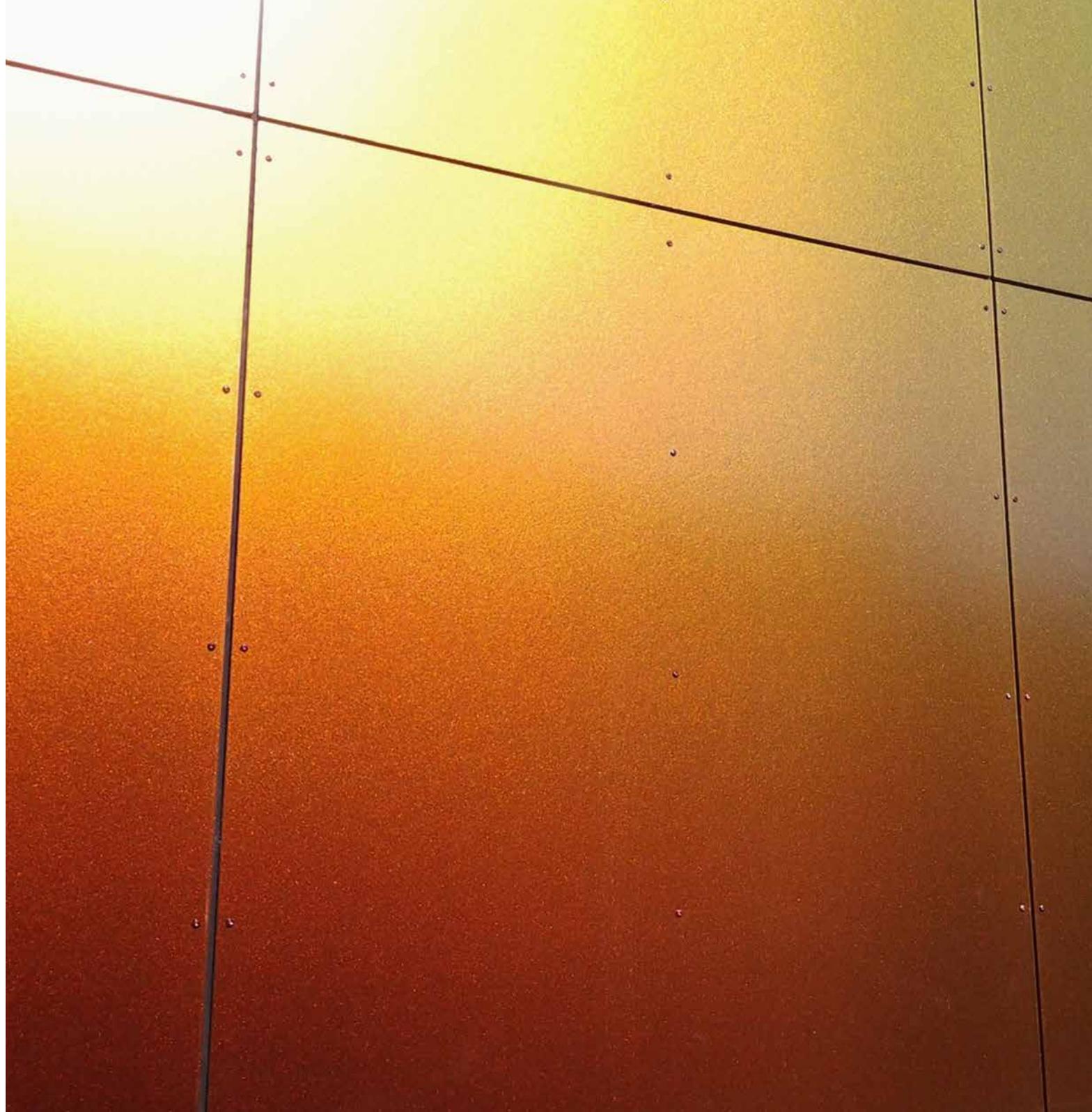


Brave the elements. In the most beautiful way.

With a ventilated facade, you can protect the exterior insulation and the inside of your building from sun, rain and moisture.

The Rockpanel boards themselves are also equipped for all weather conditions.

The surface permanently resists sun, wind and rain. This keeps the facade beautiful for the years to come. And in addition, Rockpanel boards are low-maintenance.



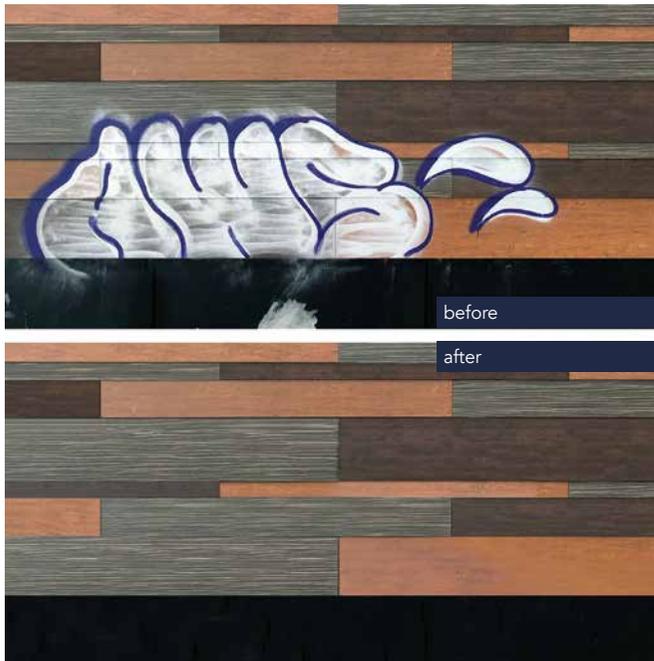
Protected for a long time. Easy to maintain.

Naturally easy to look after

All Rockpanel facade panels are manufactured with a water-based coating - except Rockpanel Natural and Rockpanel Ply.

This coating protects your facade against the effects of UV radiation and preserves the colours for years.

We have made our facades so easy to maintain that one wash a year with water is enough.



Even more protection with ProtectPlus

ProtectPlus gives your facade extra protection. This transparent layer further strengthens the UV resistance and offers increased self-cleaning capacity. That means most of the dirt on the facade is simply washed away by rainwater. Due to its properties even graffiti can be removed!

Rockpanel Premium, Woods, Stones, Chameleon and Metals (except Aluminium White and Aluminium Grey) are coated with ProtectPlus as standard.

Rockpanel Colours can be optionally finished with a ProtectPlus layer.

For information on maintenance and cleaning see the 'Cleaning & Maintenance' documentation on our website.

Warranty

Rockpanel offers a 10 year project guarantee on the following product ranges: Rockpanel Lines², Uni, Structures, Colours, Woods, Stones, Metals and Chameleon.

On Rockpanel Premium we even offer a 15 year project guarantee. The products should be handled conform our prescriptions regarding storage, handling and cleaning in a normal atmospheric environment. To obtain this guaranty, it is necessary to register your project with us. Please apply for our specimen guarantee certificate in case you wish to obtain further details.

Ready for any environmental influences.

Create harmonious facades with minimal joint widths.

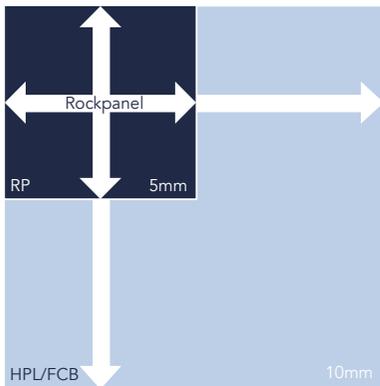
Rockpanel facades leave no room for the effects of temperature, humidity or rain.

One of the strengths of our base material is that the panels retain their dimensions and properties under all conditions.

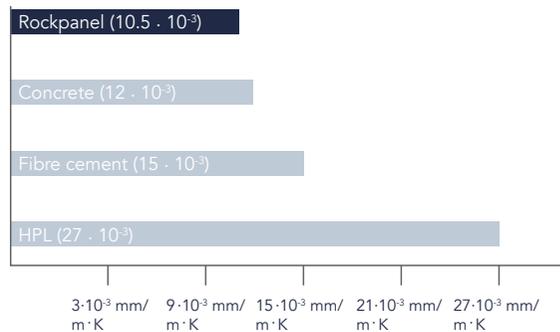


Unrivalled stability in terms of expansion. Unaffected by moisture.

Horizontal and vertical joints



Linear expansion coefficient



Highly resistant

Thanks to the source material basalt, Rockpanel facade panels are dimensionally stable. Extreme temperature or humidity fluctuations cause practically no change to the length or width of the panels.

Because the coefficient of expansion is even lower than that of concrete, Rockpanel boards undergo hardly any dimensional change.

It is possible to work with narrow joints of 5-6 mm, and in some applications, joint-free assembly is even possible.

Moisture resistant

The effects of moisture are not an issue with Rockpanel facade panels. Finishing the edges to protect them from moisture is not necessary.

Any moisture that is absorbed is released directly into the environment without any change to the boards mechanical or optical properties.

Make the installation easy.

The safe, efficient and fast handling of building materials is an important issue in the cladding of facades.

Rockpanel boards are as durable as stone and as easy to work with as wood.

They are very light and can be machined quickly and easily using standard tools.

This saves installation time and makes your building more economical, without compromising on design, shape or functionality.



Easy to work with. Quick to build.

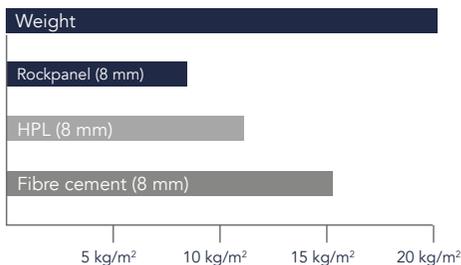
Working with standard tools

Rockpanel boards are as sturdy as stone, but can still be handled effortlessly. Because it is much faster to cut, finish and detail on site than with other sheet materials, you save time and money during installation. Conventional tools such as high-quality hand saws, circular saws or jigsaws are all suitable.

Easy to install

Installing the facade becomes an easy matter – Rockpanel facade panels are much lighter than conventional cladding boards.

For example, a standard 8 mm Rockpanel board weighs only 8.4 kg/m², which is of enormous advantage when it comes to handling on the building site, on-site operations and mounting on the building itself.



Shine with detailed solutions

Every design and every solution for the facade or roof can be quickly and easily implemented using Rockpanel boards.

They can be quickly and easily screwed together, riveted, nailed and even glued. You simply cut the facade panels to size and fix them.







Products

What do you need for your design?

As an architect, you start with an idea or theme. The materials you use should complement your needs, not limit them.

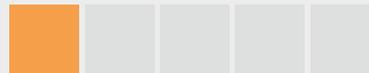
With our facade solutions, we make it easier for you to implement your ideas. It doesn't matter if you're going for functionality, a natural look or a prestigious design.

Our ultimate goal is to help and inspire you to make your design dreams come true. You will always find a solution within our five segments that matches your architectural vision.



Planks

Combine contemporary lines and tradition



Modern, versatile boards for traditional facade solutions. Easy to use for sidings, classic tongue and groove.



Basic applications

A simply great way to renovate



Functional, easy-care facades, soffits and fascias. Ideal for improving and renovating homes.



Nature facades

Play around with natural surfaces and designs

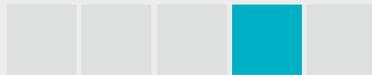


Natural looking facades that blend into their surroundings. In harmony with nature and the environment.



Design facades

Explore shapes and colours freely



Expressive design facades for impressive buildings. With complete freedom in terms of colour, surface and shape to make every vision a reality.



Premium facades

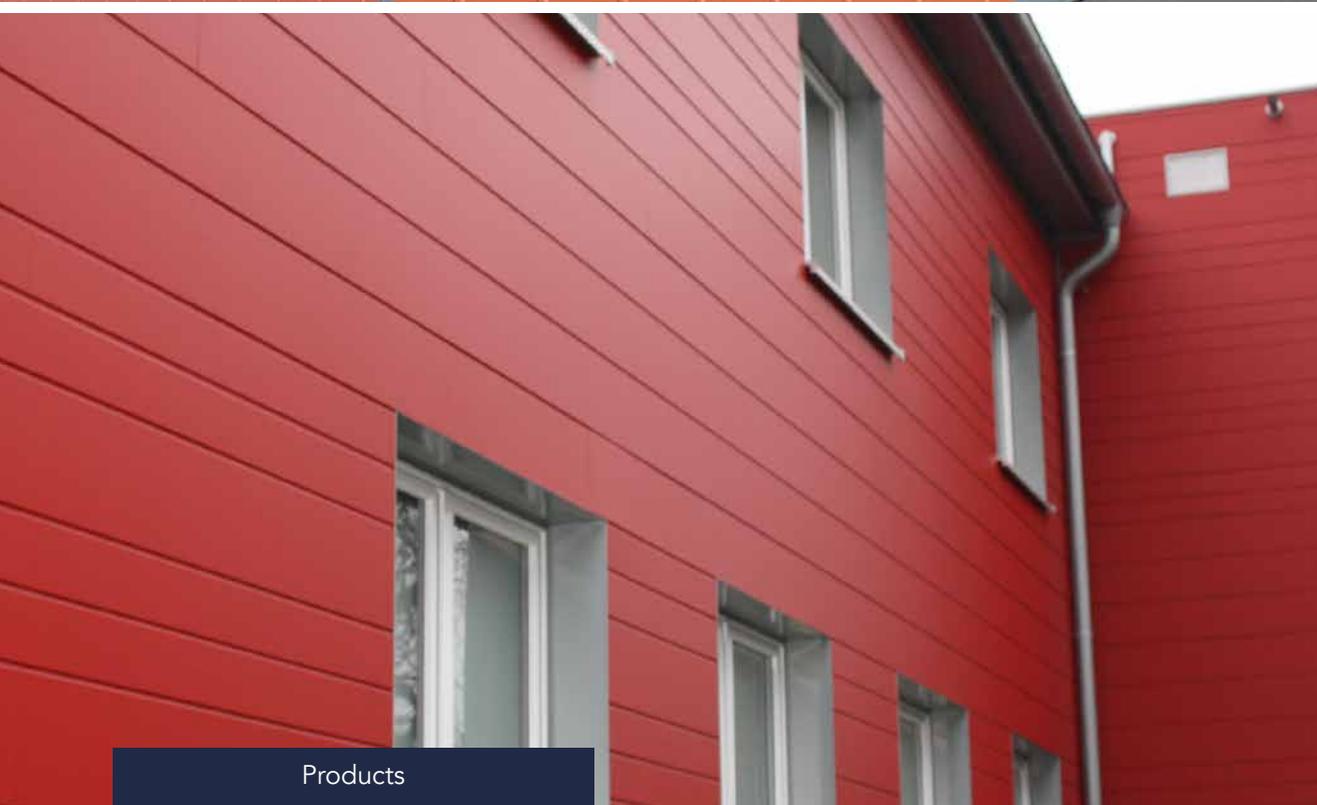
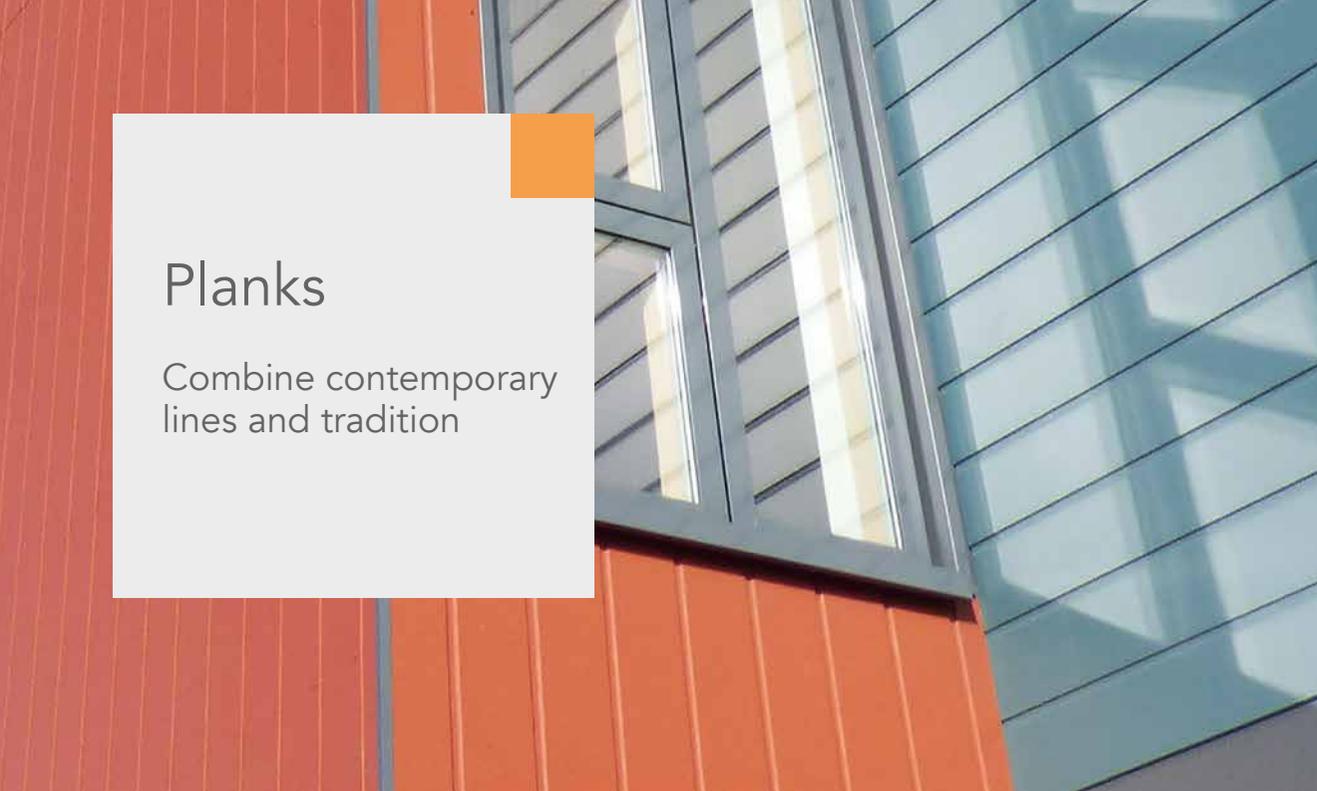
Make a unique statement

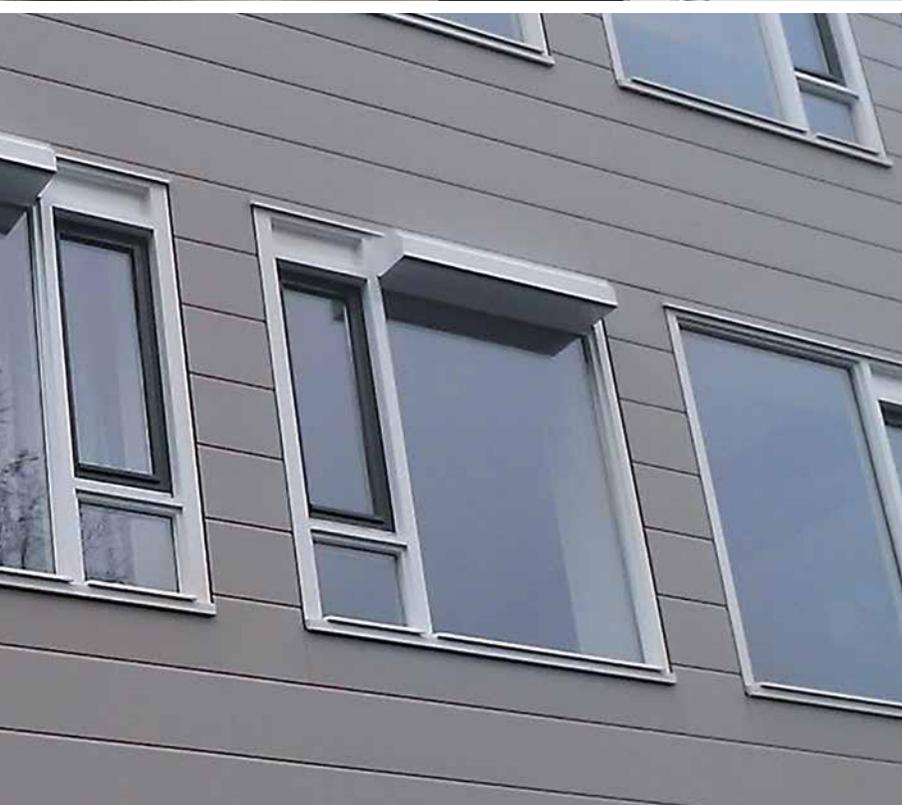


To create something truly incredible, you need complete design freedom. Rockpanel Premium helps you to push all boundaries.

Planks

Combine contemporary
lines and tradition

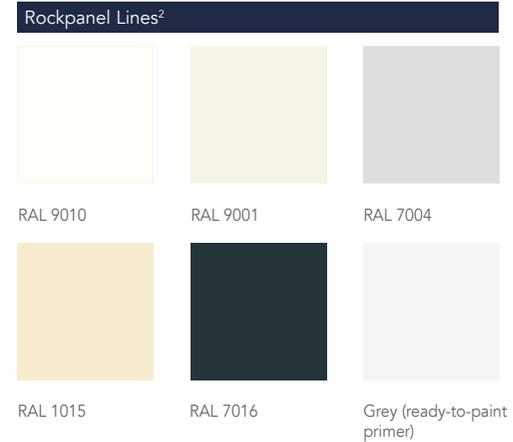






Rockpanel Lines².
When lines are required.

Play around with traditional facade designs – use lines as a continuous element or to provide a stylish touch. With Rockpanel Lines² you can take the liberty to reinterpret the classic tongue and groove profile. Versatile, durable, easy to maintain and cost-effective.



Assortment

Product Line	Board Composition	Thickness	Standard dimensions	Working width
Rockpanel Lines ²	Durable	10 mm	164 (S) /295 (XL) x 3050 mm	146 (S) /277 mm (XL)

Key product properties

Rockpanel Lines ²	Rockpanel Lines ² 10 mm	Unit	Test/classification method
Optical properties			
Colour stability (5000 h)	3-4 or better	Grey scale	ISO 105 A02
Fire			
Fire classification	B-s2,d0	Euroclass	EN 13501-1
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 or A2) cladding and insulation.			
Physical properties			
Thickness	10	mm	EN 325
Weight	10.5	kg/m ²	
Density, nominal	1050	kg/m ³	EN 323
Thermal conductivity	0.37	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RF) Colours	*	m	EN 12572
Coefficient of thermal expansion	9.7	x 10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	mm/m	EN 438:2 clause 17
Mechanical properties			
Bending strength, length and width (f _{0g})	27	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	N/mm ²	EN 310

* not applicable non-ventilated

Fixing distances

Maximum Fixing distances (mm)	Rockpanel Lines ² 10 mm	
	b max.	a max.
Nail	600	146/277
Screw	600	146/277

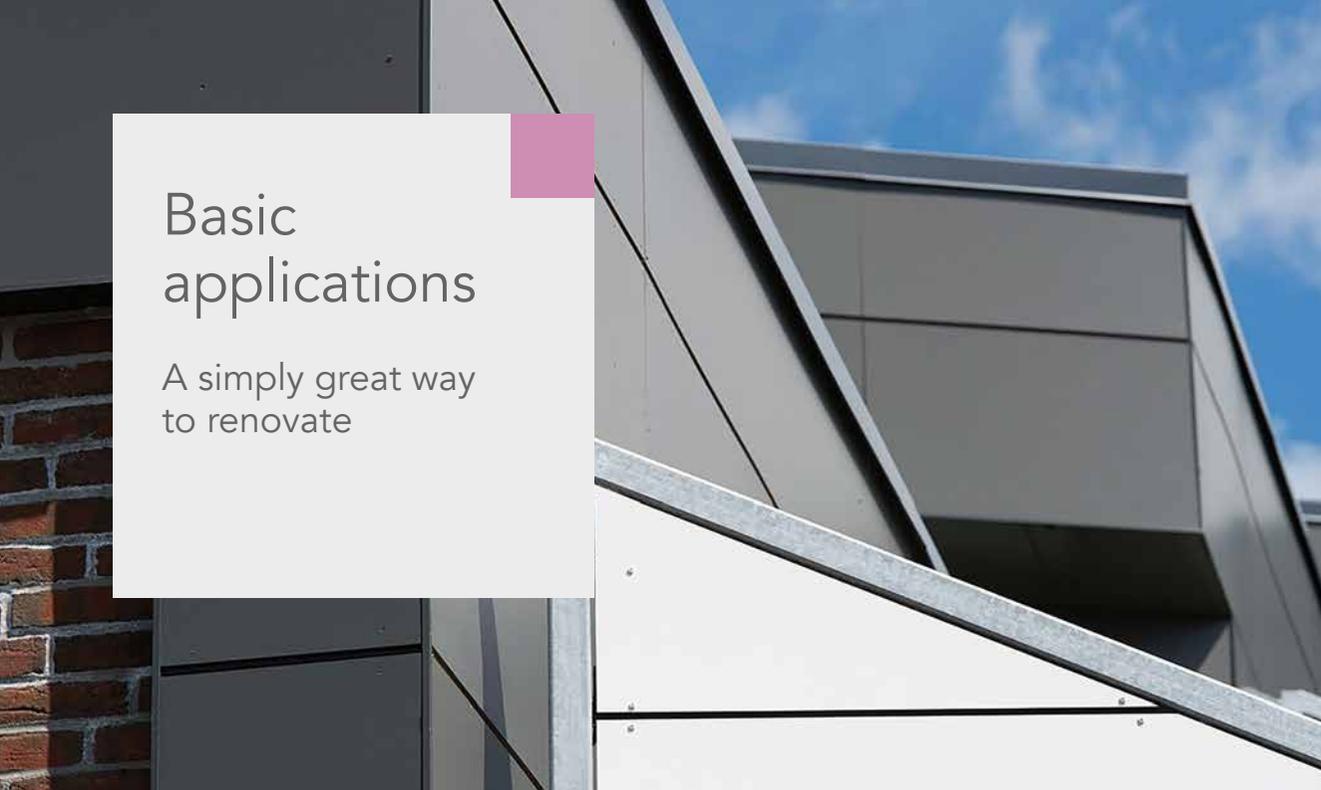
Lines²

Combine contemporary
lines and tradition
10 mm



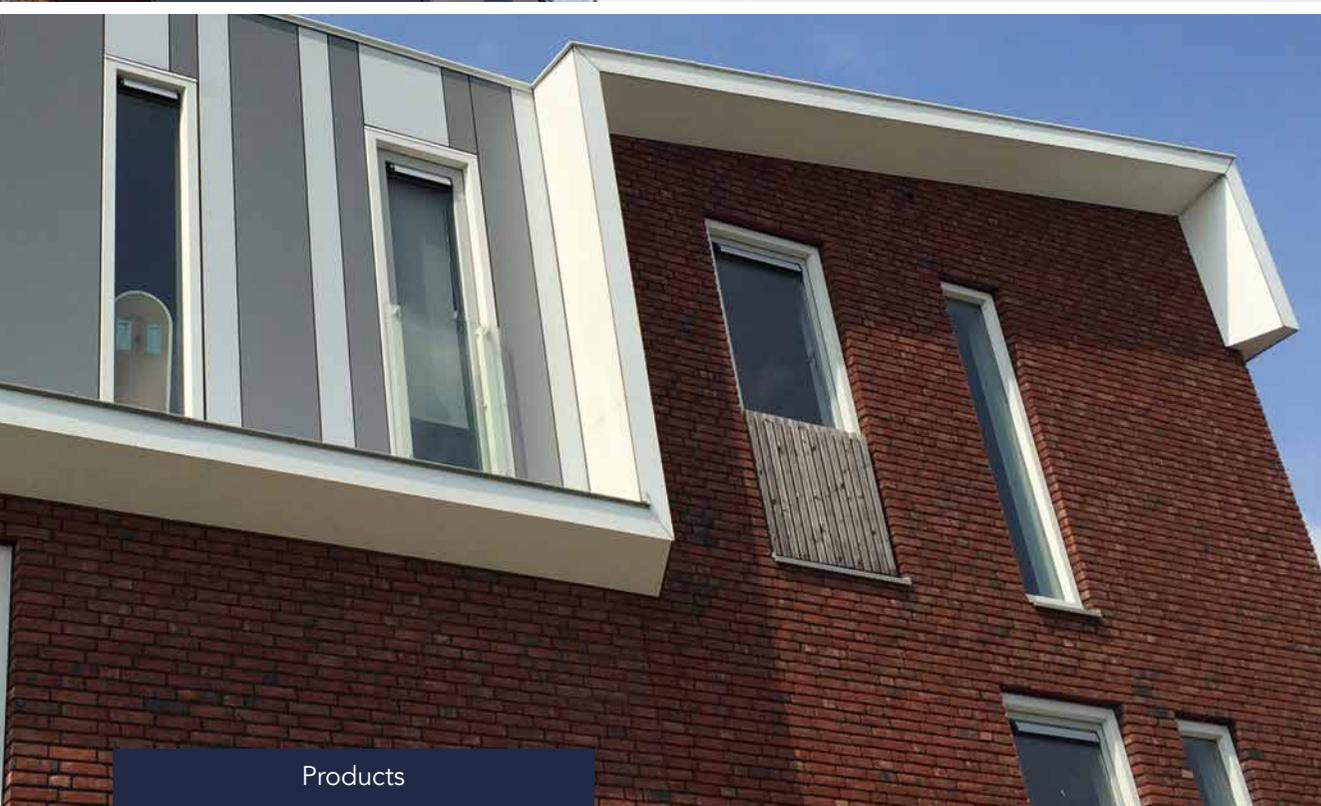
- Available in 2 widths (S and XL)
- Dimensionally stable
- Robust and durable
- Easy to install
- Use standard carpentry tools
- Low maintenance





Basic applications

A simply great way to renovate







Functional and easy to maintain. An easy way to add beauty and value to your house.

Give each building a fresh, high-quality look. Easy to install and functional, whether improving or renovating:
Rockpanel basic solutions are robust, easy-to-maintain facades and roof line cladding – for every budget.



Rockpanel Uni

Clear style and durability –
Rockpanel Uni suits every budget,
every time.



Rockpanel Ply

Choose colour-free – simply paint
Rockpanel Ply any shade you like.

Basic applications

A simply great way
to renovate

Quick & easy installation for a beautiful result

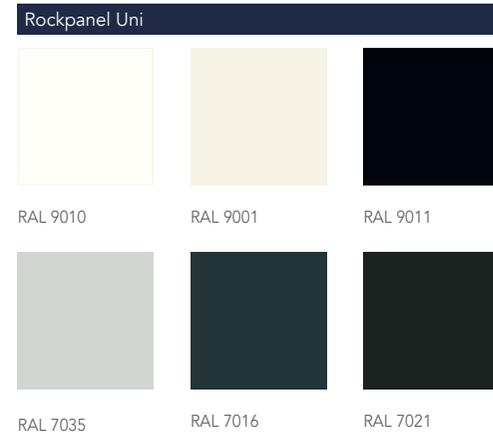
- Easy to (re-)paint
- Durable
- Easy to install
- Use standard carpentry tools
- Light-weight
- Moisture resistant
- Low maintenance





Rockpanel Uni.
Beauty can be that simple.

Timeless architectural concepts are characterised by clarity. If your design idea involves a lot of functionality, then Rockpanel Uni is just the thing for you. Long lifetime, quick to install – suitable for facades and roof line – and fits into every budget.



Assortment

Product Line	Thickness	Standard dimensions
Rockpanel Uni	6 mm	1200 x 2500/3050 mm

Key product properties

Rockpanel Uni	Rockpanel Uni 6 mm	Unit	Test/classification method
Optical properties			
Colour stability (5000 h)	3 or better	Class on greyscale	ISO 105 A02
Fire			
Fire classification	B-s2,d0	Euroclass	EN 13501-1
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 or A2) cladding and insulation.			
Physical properties			
Thickness	6	mm	EN 325
Weight	6.3	kg/m ²	
Density, nominal	1050	kg/m ³	EN 323
Thermal conductivity	0.37	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RF) Colours	< 1.8	m	EN 12572
Coefficient of thermal expansion	10.5	x 10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.303	mm/m	EN 438:2 clause 17
Mechanical properties			
Bending strength, length and width (f ₀₅)	≥ 24	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	3567	N/mm ²	EN 310

Fixing distances

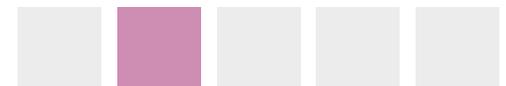
Maximum Fixing distances (mm)	Rockpanel Uni 6 mm	
	b max.	a max.
Nail	400	300
Screw	400	300

Uni

Upgrade or renovate
your house.
6 mm



- Easy to install
- Vapour-permeable
- Moisture resistant
- Use standard carpentry tools





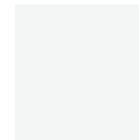
**Rockpanel Ply.
Simply apply the colour of your choice.**

Is the exact colour you would like for your design not available in our range, or do you want to accentuate even the smallest detail of the building? Rockpanel Ply gives you the freedom to express yourself in any colour. It is a durable, sturdy base for your desired colour. And at the same time a sustainable alternative to wood.

Ready for your painting ideas.

They are pre-primed and very easy to finish. Our facade panels can be painted to your liking using standard colours from other manufacturers.

Basic Primer



Grey (ready-to-paint primer)

Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Ply	Ply	8 mm	1200 x 2500/3050 mm

Key product properties

	Rockpanel Ply 8 mm	Unit	Test/classification method
Optical properties			
Colour stability (5000 h)	N/A	Class on greyscale	ISO 105 A02
Fire			
Fire classification	B-s2,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

Physical properties			
Thickness	8	mm	EN 325
Weight	8	kg/m ²	
Density, nominal	1000	kg/m ³	EN 323
Thermal conductivity	0.35	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RF) Colours	*	m	EN 12572
Coefficient of thermal expansion	9.7	x 10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.241	mm/m	EN 438:2 clause 17
Mechanical properties			
Bending strength, length and width (f ₀₅)	≥ 15	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	3065	N/mm ²	EN 310

* The S_d value will change when applying the final colour, the board cannot be mounted non-ventilated.

Fixing distances

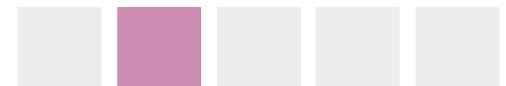
Maximum Fixing distances (mm)	Rockpanel Ply 8 mm	
	b max.	a max.
Nail	500	400
Screw	500	500

Ply

Basic application.
Ready for painting.
8 mm

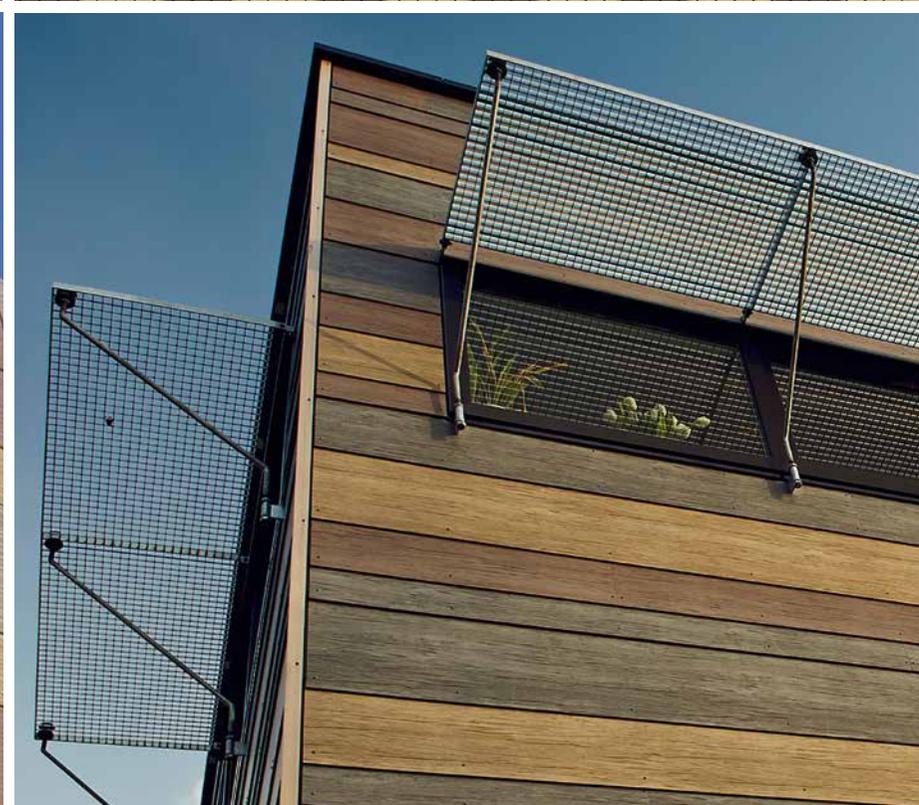
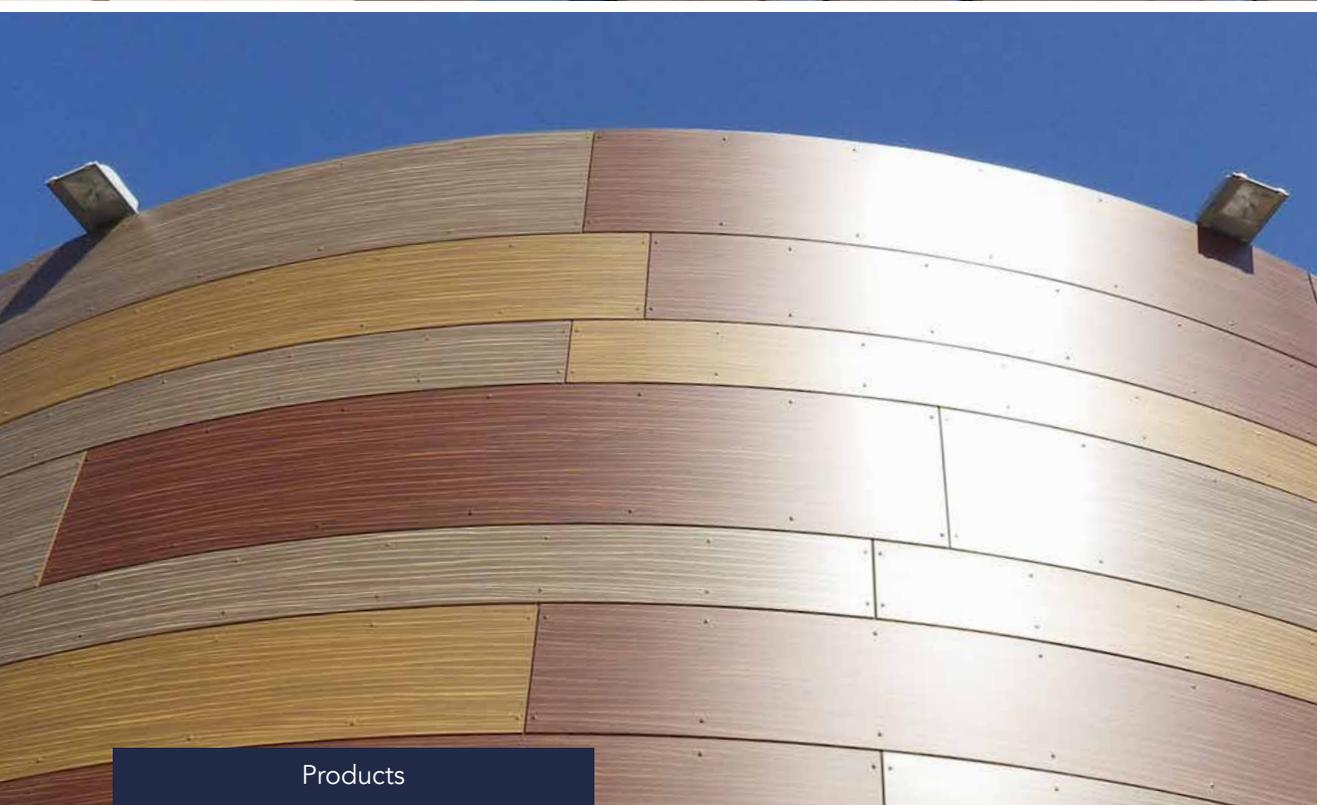


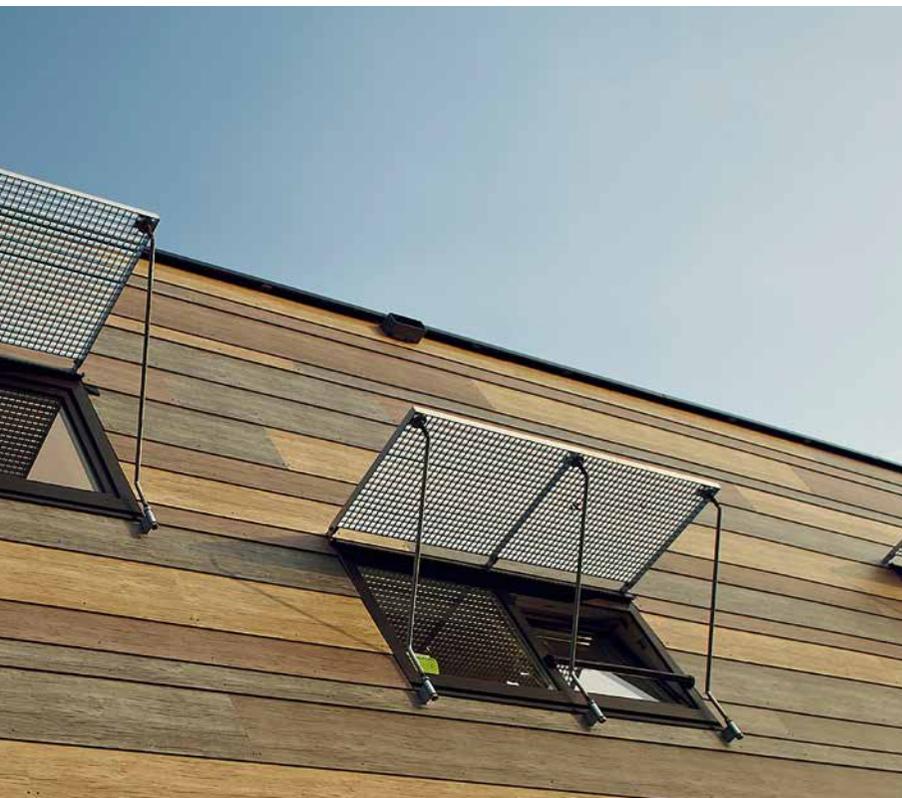
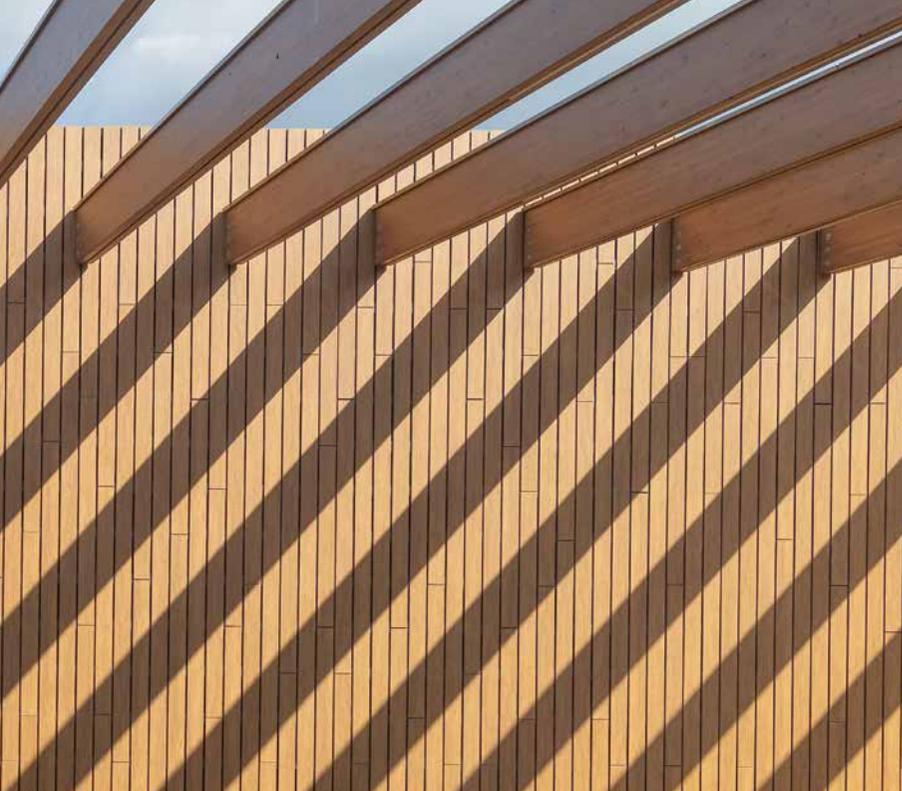
- Primed surface ready to paint
- Vapour-permeable
- Moisture resistant
- Use standard carpentry tools



Nature facades

Play around with
natural surfaces
and designs







Facades with a natural look. In perfect harmony with the environment.

Good architecture seeks and always finds dialogue with its environment. Rockpanel Nature facades can be taken literally. Take advantage of the unlimited shapes and colours of nature. And turn your building into an organic, natural part of its surroundings.



Rockpanel Natural

Uncoated Rockpanel Natural is a pure beauty. The appearance is determined by the climate.



Rockpanel Woods

Give your building an exceptional wood look – durable and fire safe with Rockpanel Woods.



Rockpanel Stones

Use the authentic power of stone as a theme for impressive facades – with Rockpanel Stones.

Nature facades

Play around with natural surfaces and designs

Design your facade in the beauty of nature

- Natural look
- Sustainable material
- Recyclable
- Natural weathering effect (Natural)
- High level of fire safety: A2-s1,d0 optional (only for Woods and Stones)
- Lightweight stone look (Stones)
- Low maintenance





**Rockpanel Natural.
In dialogue with the elements.**

The true beauty of a facade is sometimes quite puristic. Be brave – let the sun, wind and rain play their part. Without applying paint or surface sealer, Rockpanel Natural allows the elements to take an active role in your facade. Your building fits organically into its surroundings, in an interactive way from day one.

Rockpanel Natural



Typical natural colour upon delivery



Indicative natural colour after ± 6 weeks (may vary)

Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Natural	Durable	10 mm	1200/1250 x 2500/3050 mm

Key product properties

	Rockpanel Natural	Unit	Test/classification method
Fire			
Fire classification	B-s2,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

Physical properties			
Thickness	10	mm	EN 325
Weight	10.5	kg/m ²	
Density, nominal	1050	kg/m ³	EN 323
Thermal conductivity	0.37	W/m·K	EN 10456
Coefficient of thermal expansion	10.5	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	mm/m	EN 438:2 clause 17
Mechanical properties			
Bending strength, length and width (f ₀₅)	≥ 27	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	N/mm ²	EN 310

Fixing distances

Maximum Fixing distances (mm)	Rockpanel Durable 10 mm	
	b max.	a max.
Nail	600	400
Screw	600	600
Rivet	600	600

The appearance of these durable boards will change under the influence of the local climate.

As with other natural materials such as wood, concrete and steel, light from the sun ensures natural weathering and colouring over time.

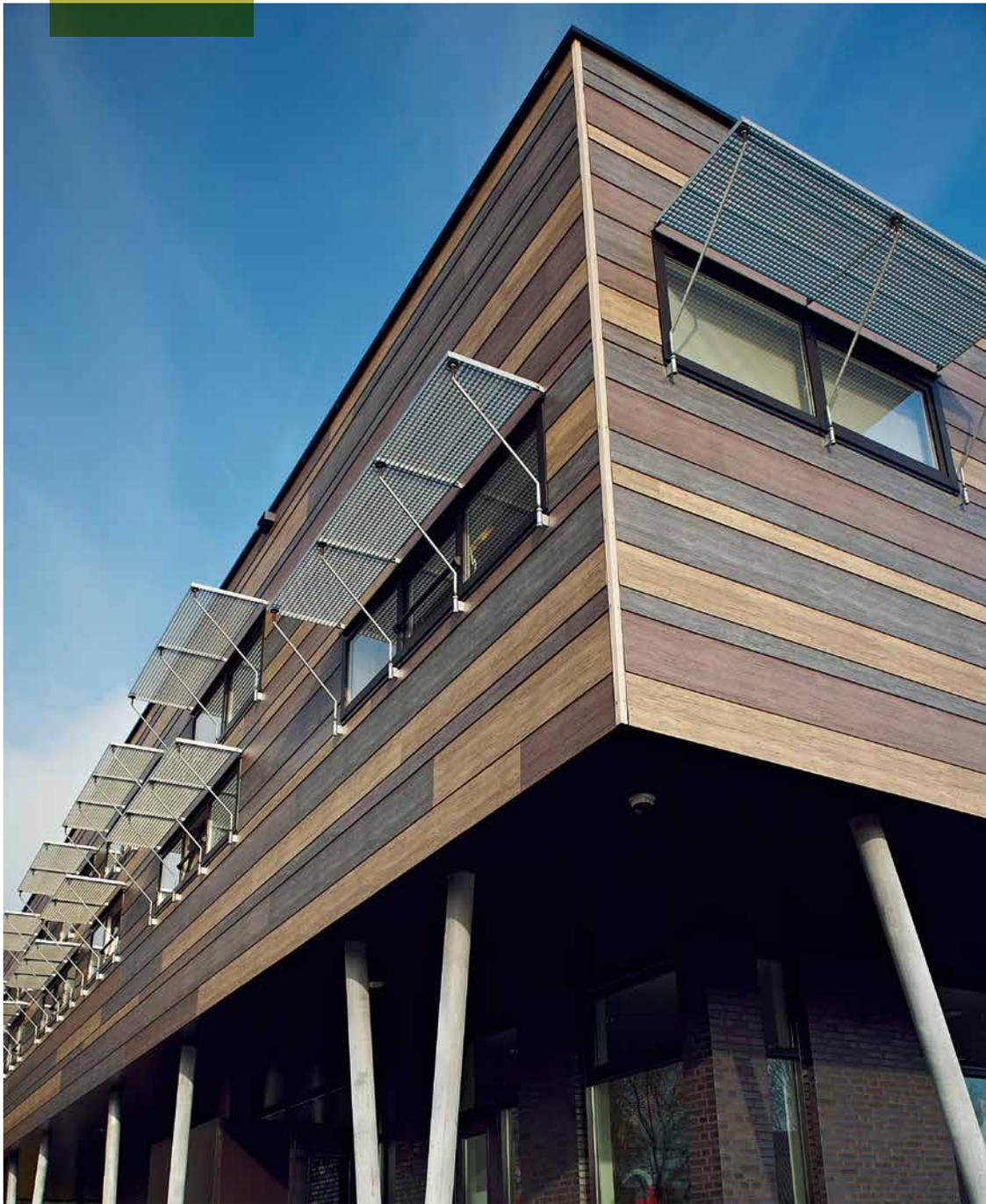
Natural

Durable 10 mm
Rockpanel in its purest
form



- Natural base material
- Naturally ageing
- Dimensionally stable
- Does not delaminate or rot





Rockpanel Woods.
Alive like wood. Sturdy as stone.

Amaze everyone and make the users of your building feel good. With facades that radiate the warm, organic glow of wood. Build with the freedom and stability your modern architecture requires. Rockpanel Woods gives your building a natural wood look. And at the same time the durability, stability and fire protection of a stone facade.

Rockpanel Woods



Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Woods	Durable	8 mm	1200/1250 x 2500/3050 mm
	A2	9 mm	

Key product properties

Rockpanel Woods	Durable	A2	Unit	Test/classification method
Optical properties				
Colour stability (5000 h)	ProtectPlus: 4 or better	ProtectPlus: 4 or better	Class on greyscale	ISO 105 A02
Fire				
Fire classification	B-s2,d0	A2-s1,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

Physical properties				
Weight	8 mm: 8.4	9 mm: 11.25	kg/m ²	
Density, nominal	1050	1250	kg/m ³	EN 323
Thermal conductivity	0.37	0.55	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RF) ProtectPlus	< 3.5	N/A	m	EN 12572
Coefficient of thermal expansion	10.5	9.7	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	0.206	mm/m	EN 438:2 clause 17
Mechanical properties				
Bending strength, length and width (f ₀₅)	≥ 27	≥ 25.5	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	4740	N/mm ²	EN 310

Fixing distances

Maximum Fixing distances (mm)	Durable 8 mm		A2 9 mm	
	b max.	a max.	b max.	a max.
Nail	600	400	N/A	N/A
Screw	600	600	N/A	N/A
Rivet	600	600	600	600
Bonding	600	uninterrupted glue line	N/A	N/A

Woods

Durable 8 mm

A2, 9 mm

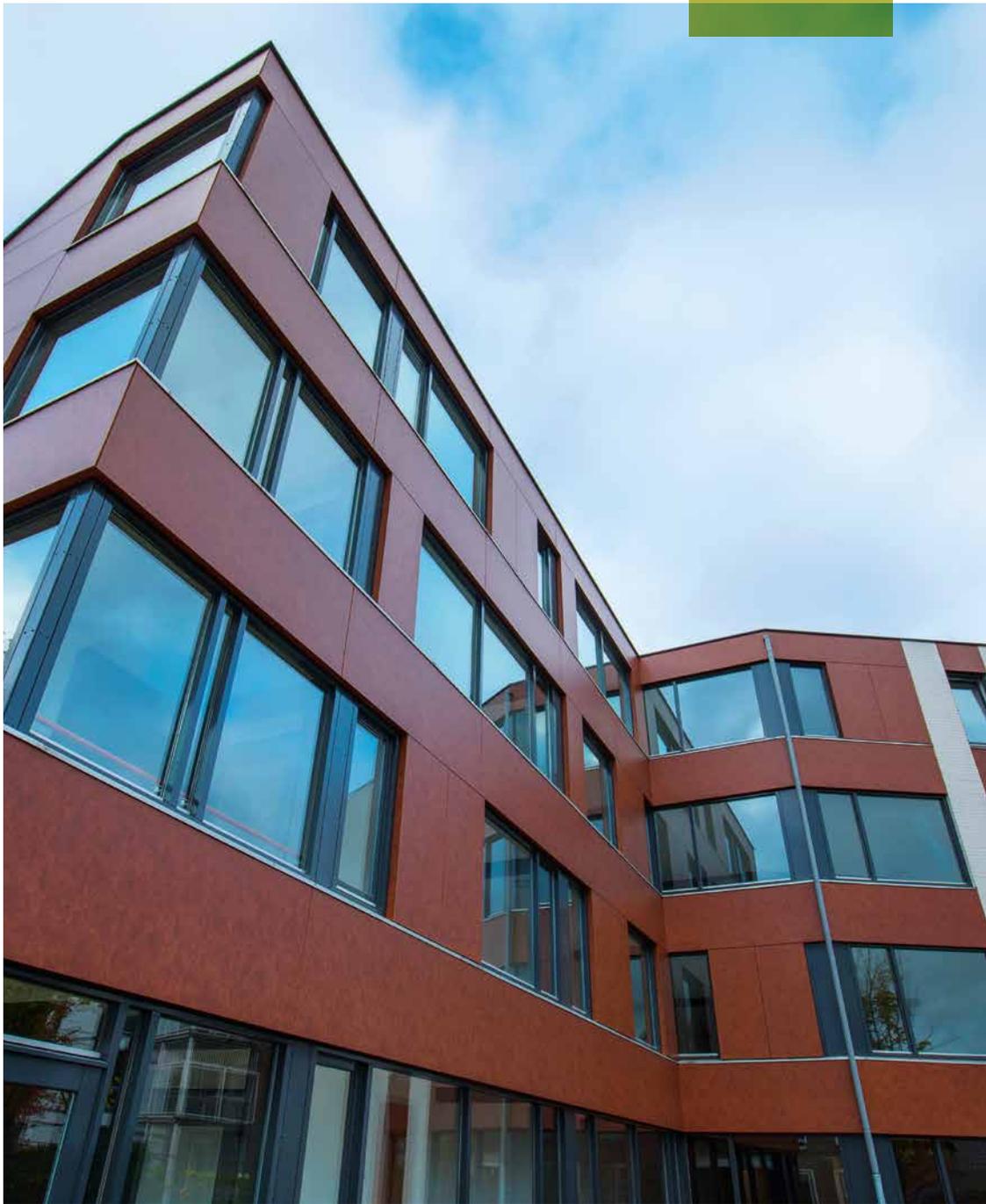
A warm and authentic look

ProtectPlus



- Authentic wood look
- No visual repetition
- Wood that does not burn
- Low maintenance
- Colourfast





**Rockpanel Stones.
Stones reach the sky.**

Visionary architecture is characterised by a courageous crossing of borders. Overcome limits – even those in nature. Design facades with the powerful look of stone. Build with its strength. But remain flexible in terms of shape and dimension. Challenge gravity – with the ease of Rockpanel Stones.

Rockpanel Stones



Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Stones	Durable	8 mm	1200/1250 x 2500/3050 mm
	A2	9 mm	

Key product properties

Rockpanel Stones	Durable	A2	Unit	Test/classification method
Optical properties				
Colour stability (5000 h)	ProtectPlus: 4 or better	ProtectPlus: 4 or better	Class on greyscale	ISO 105 A02
Fire				
Fire classification	B-s2,d0	A2-s1,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

Physical properties				
Weight	8 mm: 8.4	9 mm: 11.25	kg/m ²	
Density, nominal	1050	1250	kg/m ³	EN 323
Thermal conductivity	0.37	0.55	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RH) ProtectPlus	< 3.5	N/A	m	EN 12572
Coefficient of thermal expansion	10.5	9.7	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	0.206	mm/m	EN 438:2 clause 17
Mechanical properties				
Bending strength, length and width (f ₀₅)	≥ 27	≥ 25.5	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	4740	N/mm ²	EN 310

Fixing distances

Maximum Fixing distances (mm)	Durable 8 mm		A2 9 mm	
	b max.	a max.	b max.	a max.
Nail	600	400	N/A	N/A
Screw	600	600	N/A	N/A
Rivet	600	600	600	600
Bonding	600	uninterrupted glue line	N/A	N/A

Stones

Durable 8 mm

A2, 9 mm

Stone as light as wood

ProtectPlus



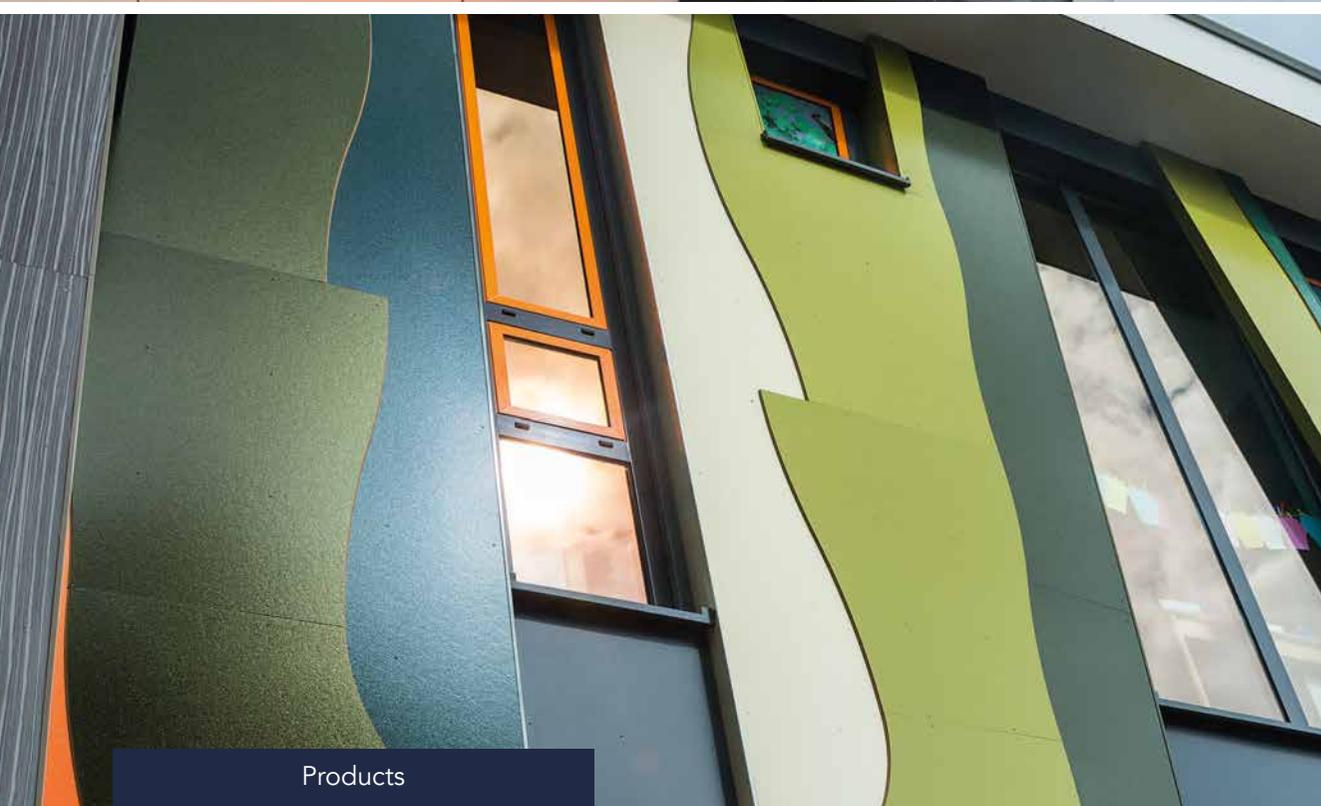
- Light-weight
- Self-cleaning
- Low maintenance
- Easy to bend and curve



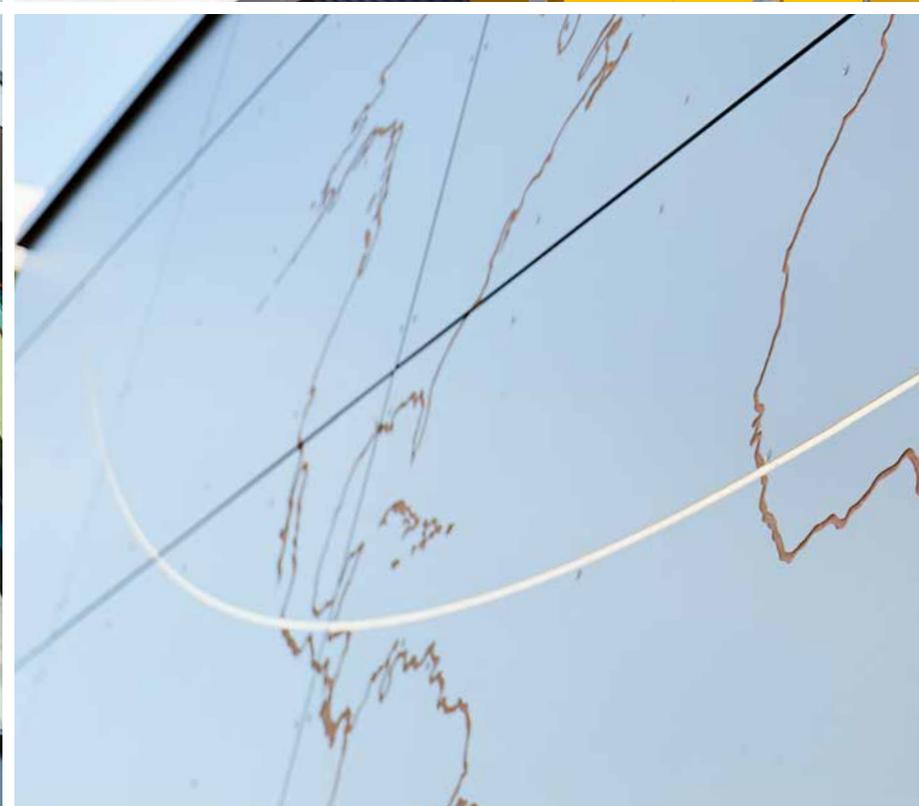


Design facades

Explore shapes and
colours freely



Products







Rockpanel Colours

Create colourful statements or go for more subtle beauty. Colour becomes a design element with Rockpanel Colours.

Expressive in every way. And in all colours.

Design with plenty of courage, ideas and colour.
Give your building a striking facade design that makes it stand out.
You have complete freedom – use the power of your imagination.



Rockpanel Metals

For the ultimate industrial design –
Rockpanel Metals shines in every
way.



Rockpanel Chameleon

Challenge how you view things –
from every perspective, with
Rockpanel Chameleon.

Design facades

Explore shapes and
colours freely.

Design your facade full of expression

- Wide variety of RAL and NCS colours
- Custom colours on request
- Expressive designs
- 3D shapes (bending and curving)
- Invisible fixing available
- High level of fire safety: A2-s1,d0 optional





**Rockpanel Colours.
Fascinating colour range.**

Let your facade blend into the environment. Or emphasise the features in an urban setting. Enjoy complete freedom in the design of your building – in almost any colour of your choice. Our Rockpanel Colours assortment consists of Standard and Special colours. In addition to our standard and special RAL/NCS colours, you can choose almost any Custom RAL/NCS colour if you want to create something even more unique. Visit our website for the minimum order quantity and delivery times of Rockpanel Colours Standard, Special and Custom. For a colourfast decorative statement, Rockpanel Colours is the perfect choice.

Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Colours	Durable	6 mm, 8 mm	1200/1250 x 2500/3050 mm
	A2	9 mm	

Key product properties

Rockpanel Colours	Durable	A2	Unit	Test/classification method
Optical properties				
Colour stability (5000 h)	ProtectPlus: 4 or better Colours: 3-4 or better	ProtectPlus: 4 or better Colours: 3-4 or better	Grey scale	ISO 105 A02
Fire				
Fire classification	B-s2,d0	A2-s1,d0	Euroclass	EN 13501-1
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 or A2) cladding and insulation.				
Physical properties				
Weight	6 mm: 6.3 8 mm: 8.4	9 mm: 11.25	kg/m ²	
Density, nominal	1050	1250	kg/m ³	EN 323
Thermal conductivity	0.37	0.55	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RH) Colours	< 1.80	N/A	m	EN 12572
Water vapour permeability S _d (at 23 °C and 85 % RH) ProtectPlus	< 3.5	N/A	m	EN 12572
Coefficient of thermal expansion	10.5	9.7	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	0.206	mm/m	EN 438:2 clause 17
Mechanical properties				
Bending strength, length and width (f ₀₅)	≥ 27	≥ 25.5	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	4740	N/mm ²	EN 310

Fixing distances

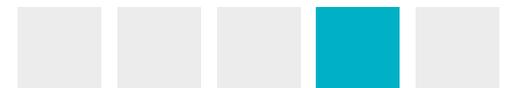
Maximum Fixing distances (mm)	Durable 6 mm		Durable 8 mm		A2 9 mm	
	b max.	a max.	b max.	a max.	b max.	a max.
Nail	400	300	600	400	N/A	N/A
Screw	400	300	600	600	N/A	N/A
Rivet	N/A	N/A	600	600	600	600
Bonding	N/A	N/A	600	uninterrupted glue line	N/A	N/A

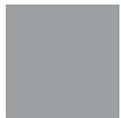
Colours

Durable 6 & 8 mm
A2, 9 mm
ProtectPlus
(option, excl. 6 mm)



- Wide range of standard colours
- Custom colours
- Easy to clean
- RAL and NCS as reference





RAL 7001



RAL 7012



RAL 7031



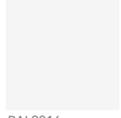
RAL 7016



RAL 7021



RAL 9011



RAL 9016



RAL 7024



RAL 280 20 05



RAL 5004



RAL 7004



RAL 000 50 00



RAL 7037



RAL 9005



RAL 9010



RAL 080 80 05



RAL 060 70 05



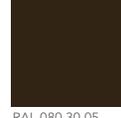
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RAL 040 50 05



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RAL 080 30 05



RAL 7022



RAL 8022



NCS S 0520-R10B



RAL 3015



RAL 010 30 44



RAL 350 40 35



NCS S 4030-R50B



RAL 4004



RAL 4007



RAL 350 20 10



RAL 3007



NCS S 0570-Y90R



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RAL 3028



RAL 3001



RAL 3004



RAL 010 20 20



RAL 020 20 05



NCS S 1080-Y50R



RAL 2010



RAL 2012



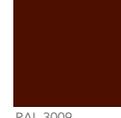
RAL 040 50 70



RAL 3016



RAL 040 40 50



RAL 3009



RAL 060 50 70



RAL 8023



RAL 050 40 40



RAL 8024



RAL 060 30 20



RAL 8028



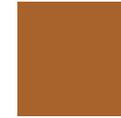
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RAL 060 50 30



RAL 8001



RAL 060 60 50



RAL 7006



RAL 070 70 60



RAL 070 60 75



RAL 100 90 20



RAL 100 90 50



NCS S 2050-Y



RAL 1012



RAL 1032



RAL 9001



RAL 1013



RAL 1015



RAL 095 70 10



RAL 090 80 20



RAL 1002



NCS S 3030-Y10R



NCS S 5020-Y10R



RAL 075 40 30



RAL 9002



RAL 100 80 05



RAL 7030



RAL 7039



RAL 080 40 05



RAL 080 30 10



RAL 6022



RAL 9003



RAL 7035



RAL 7038



RAL 7010



RAL 7033



RAL 7009



RAL 6015



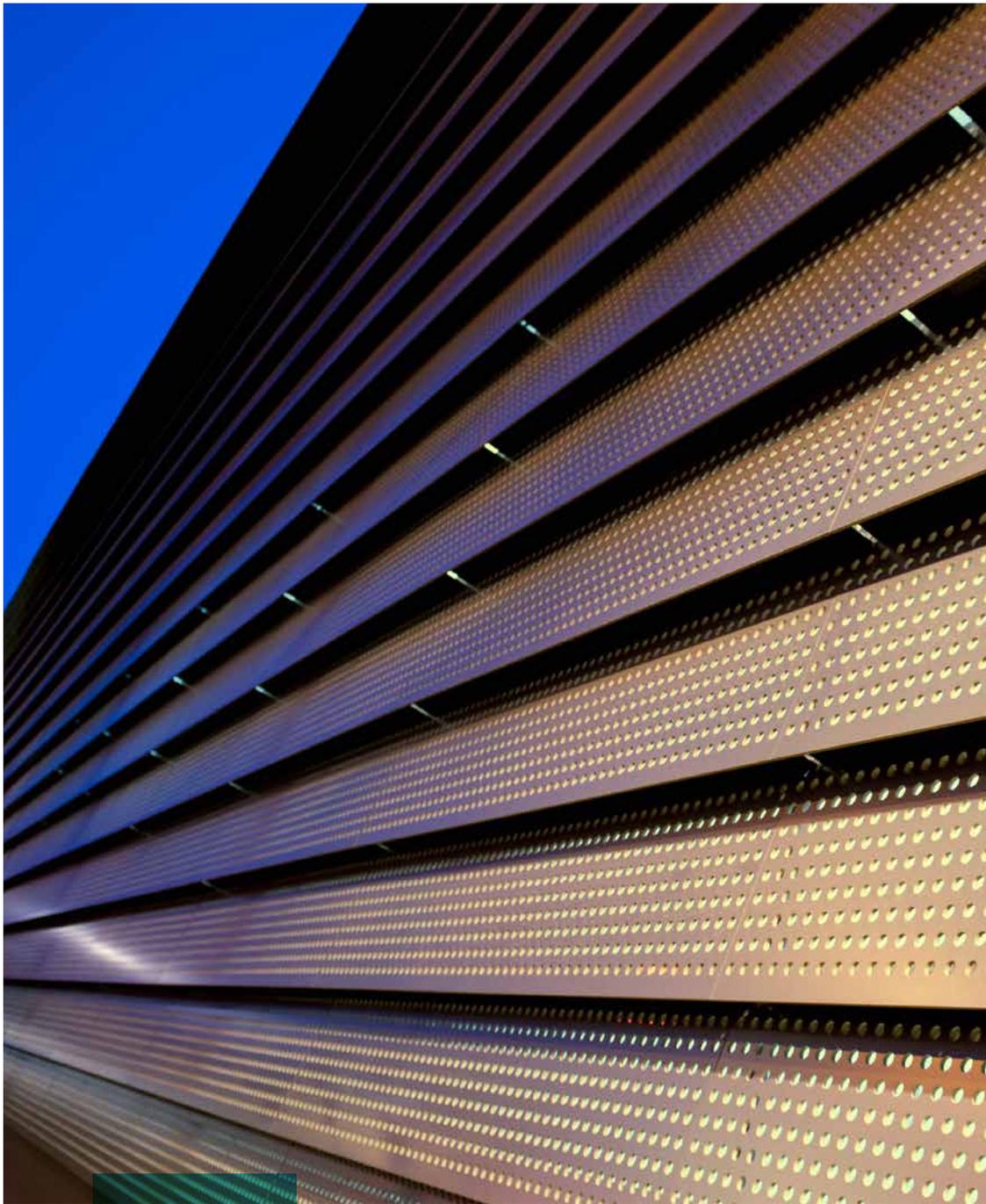
Colours

Durable 6 & 8 mm
A2, 9 mm (option)
ProtectPlus
(option, excl. 6 mm)

A complete colour palette of our Rockpanel Colours assortment. Next to this assortment, almost any other RAL / NCS colour is possible.

The colours shown give a good impression of the actual colour. However, it is not possible in print to accurately represent the colours. If you would like more samples, please contact us at www.rockpanel.co.uk





Rockpanel Metals.
Sleek surfaces with an industrial look.

Modern architecture is often characterised by an industrial design look. Give your high-quality facades an elegant finish. Rockpanel Metals creates amazing effects on facades because of the sheen from the light striking it – even with timelessly modern residential buildings.

Our **Elemental Metals** line consists of the main precious metals such as gold, silver and platinum. It also includes other well-known metals such as aluminium, steel and copper. Our **Advanced Metals** line includes designs which will give your facade a distinctive look. Thanks to our advanced technology, they have an exceptional worn finish that lasts for decades.

Rockpanel Metals

Elemental Metals



White Aluminium Grey Aluminium Steel Gunmetal Copper



Platinum Yellow Gold Classic Gold Silver

Advanced Metals



Verdigris Dark Copper Bronze Electrum Brass



Titanium Ultramarine

Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Metals	Durable	8 mm	1200/1250 x 2500/3050 mm
	A2	9 mm	

Key product properties

Rockpanel Metals	Durable	A2 (option)	Unit	Test/classification method
Optical properties				
Colour stability (5000 h)	ProtectPlus: 4 or better	ProtectPlus: 4 or better	Class on greyscale	ISO 105 A02
Fire				
Fire classification	B-s2,d0	A2-s1,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

Physical properties				
Weight	8 mm: 8.4	9 mm: 11.25	kg/m ²	
Density, nominal	1050	1250	kg/m ³	EN 323
Thermal conductivity	0.37	0.55	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RH) ProtectPlus	< 3.5	N/A	m	EN 12572
Coefficient of thermal expansion	10.5	9.7	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	0.206	mm/m	EN 438:2 clause 17
Mechanical properties				
Bending strength, length and width (f ₀₅)	≥ 27	≥ 25.5	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	4740	N/mm ²	EN 310

Fixing distances

Maximum Fixing distances (mm)	Durable 8 mm		A2 9 mm	
	b max.	a max.	b max.	a max.
Nail	600	400	N/A	N/A
Screw	600	600	N/A	N/A
Rivet	600	600	600	600
Bonding	600	uninterrupted glue line	N/A	N/A

Metals

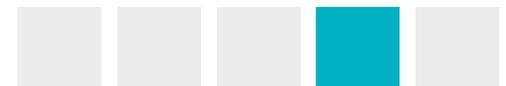
Durable 8 mm
A2, 9 mm

ProtectPlus

A sleek industrial look



- Contemporary metallic design
- Self-cleaning
- Non-directional





Rockpanel Chameleon.
Fascinatingly different from every angle.

Transform your building into an eye-catching feature that is constantly changing, but always striking and inspiring. Just change your position around the facade. The colour will never be the same no matter how long you look at the building. Depending on the angle from which it is viewed and the effect of the sunlight, the surface of the Rockpanel Chameleon facade changes. The secret of this vibrant colour is a special crystal effect layer. The effect remains permanently protected for many years.



Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Chameleon	Durable	8 mm	1200 x 2500/3050 mm
	A2	9 mm	

Key product properties

Rockpanel Chameleon	Durable	A2	Unit	Test/classification method
Optical properties				
Colour stability (5000 h)	ProtectPlus: 4 or better	ProtectPlus: 4 or better	Class on greyscale	ISO 105 A02
Fire				
Fire classification	B-s2,d0	A2-s1,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

Physical properties				
Weight	8 mm: 8.4	9 mm: 11.25	kg/m ²	
Density, nominal	1050	1250	kg/m ³	EN 323
Thermal conductivity	0.37	0.55	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RF) ProtectPlus	< 3.5	N/A	m	EN 12572
Coefficient of thermal expansion	10.5	9.7	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.302	0.206	mm/m	EN 438:2 clause 17
Mechanical properties				
Bending strength, length and width (f ₀₅)	≥ 27	≥ 25.5	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	4015	4740	N/mm ²	EN 310

Fixing distances

Maximum Fixing distances (mm)	Durable 8 mm		A2 9 mm	
	b max.	a max.	b max.	a max.
Nail	600	400	N/A	N/A
Screw	600	600	N/A	N/A
Rivet	600	600	600	600
Bonding	600	uninterrupted glue line	N/A	N/A

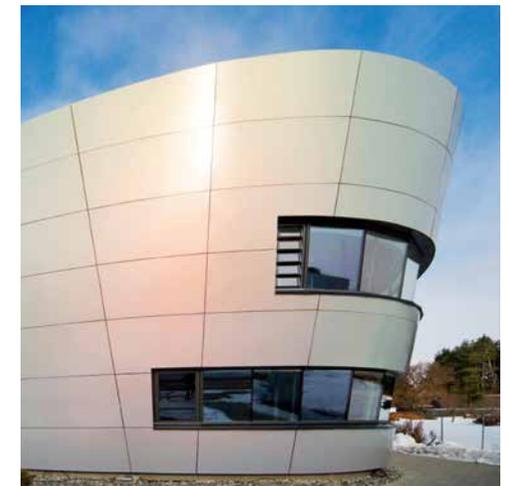
Chameleon

Durable 8 mm

A2, 9 mm

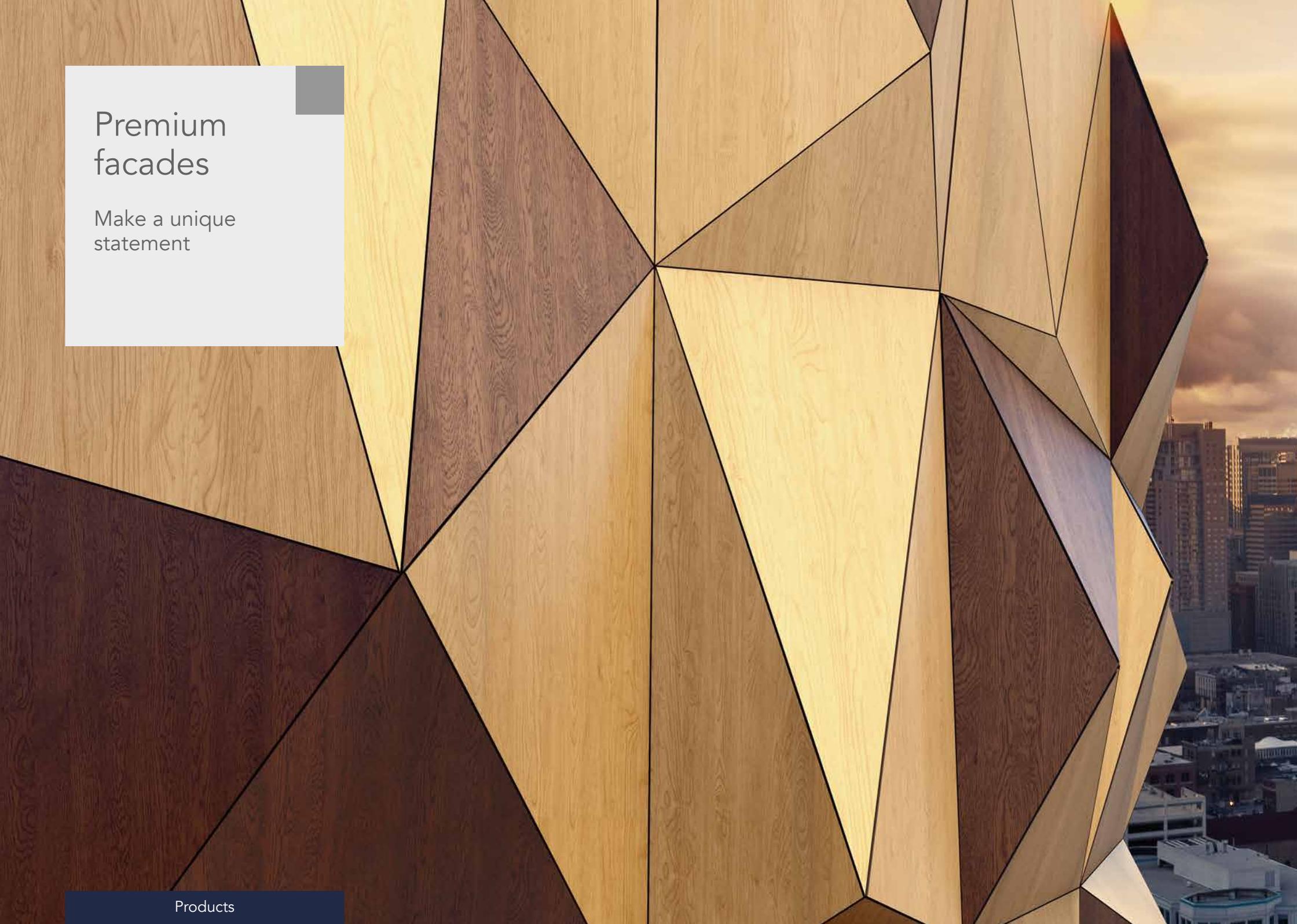
ProtectPlus

For a truly eye-catching facade



- Chameleon effect
- Non-directional
- Self-cleaning





Premium facades

Make a unique
statement





Impressive facades. Unique and innovative.

If you don't want to compromise on the design and detail of your project, Rockpanel Premium facades are the right choice for you. Find the right facade solutions – without limits.

Rockpanel Premium. Customised facade solutions.

Rockpanel Premium combines all the advantages of Rockpanel facade panels and also offers a number of choices outside of the norm. Because your brilliant idea isn't within the norm either.



Custom designs

Combine all of our colours, designs and finishes, anyway you want it. For example, mix the patterns of Rockpanel Woods or Stones with the effects of Rockpanel Chameleon or Metals.



ProtectPlus comes standard

Protect valuable facades in all circumstances – highly effective against dirt and graffiti.



Matt, semi-gloss, high-gloss

When realizing your project, you want every detail to be just right. That's why we offer three different gloss grades.

Plan without limits

Do you think beyond standard solutions? Then Rockpanel Premium is right for you – with custom colours and designs, and customised formats and dimensions.



Concealed fixing

No visible rivets or screws – just your flawless facade design. Our concealed fixing system ensures a quick and easy installation and guarantees absolute stability.



Fire safe

With Rockpanel Premium, you will always meet high fire protection requirements, since the facade panels are classified as A2-s1,d0 according to EN 13501-1.

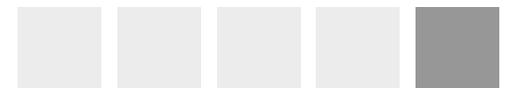


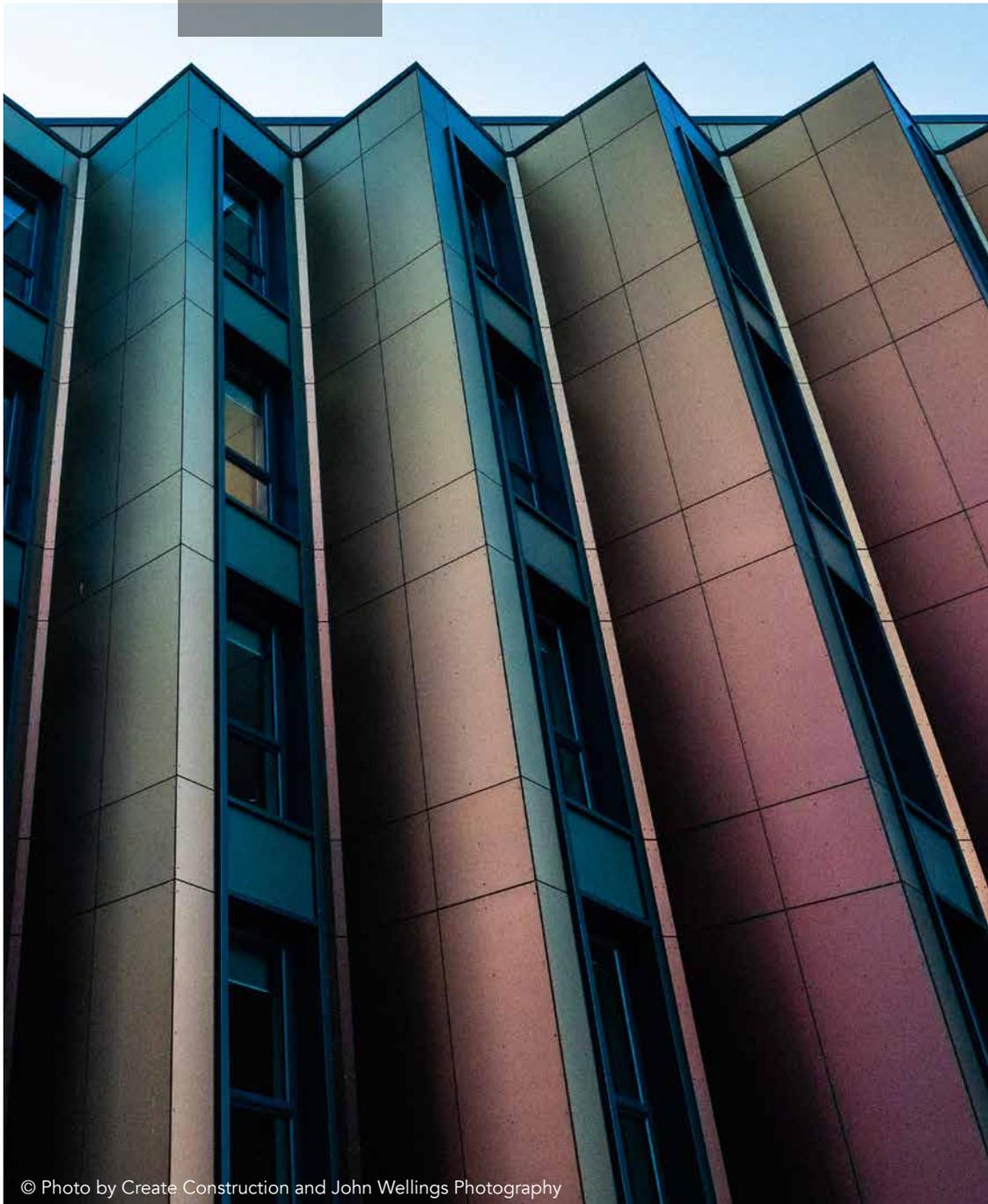
Premium facades

Premium A2,
11 mm
ProtectPlus
Custom designs



- Customised designs
- Customised panel sizes
- Euroclass A2-s1,d0 as standard
- Choice of gloss level
- Self-cleaning ProtectPlus layer as standard





© Photo by Create Construction and John Wellings Photography

**Rockpanel Premium.
The expression of success.**

Take the freedom to transform buildings into representative symbols that visually express the success of your business. The best materials, open-ended design solutions as well as customised formats and dimensions give your building project an absolute premium look. Naturally, they always meet the particularly high requirements for fire protection: Euroclass A2-s1,d0.

Assortment

Product Line	Board Composition	Thickness	Standard dimensions
Rockpanel Premium	A2	11 mm	1200/1250 x 1700-3050 mm

Key product properties

Rockpanel Premium	Premium A2	Unit	Test/classification method
Optical properties			
Colour stability ProtectPlus (5000 h)	4 or better	Class on greyscale	ISO 105 A02
Fire			
Fire classification	A2-s1,d0	Euroclass	EN 13501-1

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 or A2) cladding and insulation.

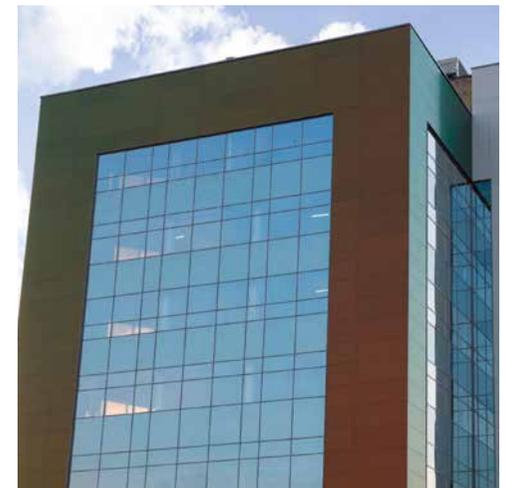
Physical properties			
Thickness	11	mm	EN 325
Weight	13.75	kg/m ²	
Density, nominal	1250	kg/m ³	EN 323
Thermal conductivity	0.55	W/m·K	EN 10456
Water vapour permeability S _d (at 23 °C and 85 % RF) ProtectPlus	N/A	m	EN 12572
Coefficient of thermal expansion	9.7	x10 ⁻³ mm/m·K	EN 438:2 clause 17
Coefficient of moisture expansion (after 4 days)	0.206	mm/m	EN 438:2 clause 17
Mechanical properties			
Bending strength, length and width (f ₀₅)	≥ 25.5	N/mm ²	EN 310 / EN 1058
Modulus of elasticity m(E)	≥ 4740	N/mm ²	EN 310

Fixing distances

Maximum Fixing distances (mm)	Rockpanel Premium A2, 11 mm	
	b max.	a max.
Rivet	750	750
Concealed (Blind fasteners TU-S)	750	600

Premium

Custom colours and designs
Euroclass A2-s1, d0
and ProtectPlus layer
as standard







Accessories

Accessories

Fasteners should be according to ETA and purchased at a recognised supplier. Please contact Rockpanel for further information.

Mechanical fixing

Fixing method	Suitable for Rockpanel	Colour
Ring Shank nails 27 mm	Lines ² 10 mm	Stainless Steel
Ring Shank nails 32 mm	Natural / Chameleon / Ply	Stainless Steel
	Uni	Standard Colours
	Colours	Standard, Special and Custom Colours
	Woods / Stones / Metals	Woods / Stones / Metals
HP Nail 35 mm	Natural / Chameleon / Ply	Stainless Steel
	Uni	Standard Colours
	Colours	Standard, Special and Custom Colours
	Woods / Stones / Metals	Woods / Stones / Metals
Screws 35 mm	Natural / Chameleon / Ply	Stainless Steel
	Uni	Standard Colours
	Colours	Standard, Special and Custom Colours
	Woods / Stones / Metals	Woods / Stones / Metals

Adhesive system

	Quantity	Indicative usage per 100 m ²
Rockpanel Tack-S (certified)	290 ml	50 cartridges
Primer MSP Transparent for the back of the boards	500 ml	6 cans
Prep M Primer for aluminium sub-construction	500 ml	2 cans
Foam tape (double sided)	25 m ¹	12 rolls
Cleaner liquid 1	1 ltr	1 can

Concealed fixing

Combined with our Rockpanel Premium A2 board in thickness 11 mm, you can use the concealed fixing system.

Concealed fixing	Quantity
Blind fastener TU-S-6x 11-A4*	500 pcs per box
Blind fastener TU-S-6x 13-A4**	500 pcs per box
HSS-Drill bit 6,0 x 43,5	1 piece
Depth locator for drill bit universal	1 piece

* for use with a 3 mm panel clip
 ** for use with a 5 mm panel clip

Other accessories

Article	Width	Quantity
EPDM Foamtape (adhesive)	36 mm	50 m ¹
EPDM Foamtape (adhesive)	60 mm	50 m ¹
EPDM Foamtape (adhesive)	80 mm	50 m ¹
EPDM Foamtape (adhesive)	100 mm	25 m ¹
EPDM Foamtape (adhesive)	130 mm	25 m ¹
Rockpanel Graffiti Cleaner		780 ml
Rockpanel Edge paint (only Rockpanel Colours)*		500 ml

* Special and Custom Colours are only available in combination with Rockpanel Boards. For painting the edges of Woods, Stones, Metals and Chameleon, we advise RAL 9005 (black).

For profiles we only recommend aluminium quality.

Feature	Note	PLANKS			BASIC APPLICATIONS		NATURE FACADES		
		Rockpanel Lines ²	Rockpanel Uni	Rockpanel Ply	Rockpanel Natural	Rockpanel Woods	Rockpanel Stones		
APPLICATION									
High facades*	Height > 18 m					■	■	■	
Low facades	Height < 10 m	■	■	■	■	■	■	■	■
Detailed solutions for roofs		■	■	■					
AESTHETICS									
Type of cladding									
Board			■	■	■	■	■	■	■
Tongue and groove		■							
Weatherboarding	(EasyFix only for Durable or two visible attachments)						■	■	■
Dimensions									
Standard dimensions (mm)	2500x1200/3050x1200		■	■	■	■	■	■	■
Standard dimensions (mm)	3050x164/3050x295	■							
Customised dimensions						■ optional	■ optional	■ optional	
Special width (mm)	1250					■	■	■	
Thickness (mm)		10	6	8 & 10	10		8	8	
Surface									
Untreated						■			
Primer		■		■					
Coloured surface		■	■				Woods look	Stone look	
Customised surface									
ProtectPlus protective coating	Matt						■	■	
ProtectPlus protective coating	Silk matt								
ProtectPlus protective coating	High gloss								
Maintenance									
Can be painted		■	■ light		**	***			
Self-cleaning							■	■	
Fixing methods									
Invisible fixing	Mechanically	■							
	Adhesive						■	■	■
Screws			■	■	■	■	■	■	■
Nails			■	■	■	■	■	■	■
Rivets						■	■	■	■
FIRE SAFETY									
European fire class	B-s2,d0	■	■	■	■	■	■	■	■
	A2-s1,d0						■ optional	■ optional	

* For all medium and high rise buildings, we recommend the use of our A2 grade boards (A2-s1,d0).
** Maintenance for Rockpanel Ply depends on the paint chosen. Please contact the paint manufacturer.
*** Rockpanel Natural boards age naturally; for further information see the product data sheet.

DESIGN FACADES

PREMIUM FACADES

Feature	Note	Rockpanel Colours	Rockpanel Colours ProtectPlus	Rockpanel Metals	Rockpanel Chameleon	Rockpanel Premium
APPLICATION						
High facades*	Height >18 m	■	■	■	■	■
Low facades	Height < 10 m	■	■	■	■	■
Detailed solutions for roofs		■	■			
AESTHETICS						
Type of cladding						
Board		■	■	■	■	■
Tongue and groove						
Weatherboarding	(EasyFix only for Durable or two visible attachments)	■	■	■	■	
Dimensions						
Standard dimensions (mm)	2500x1200/3050x1200	■	■	■	■	■
Standard dimensions (mm)	3050x164/3050x295					
Customised dimensions		■ optional	■ optional	■ optional	■ optional	■
Special width (mm)	1250	■	■	■		■
Thickness (mm)		6 & 8	8	8	8	9
Surface						
Untreated						
Primer						
Coloured surface		■	■	■	■	■
Customised surface						■
ProtectPlus protective coating	Matt					■
ProtectPlus protective coating	Silk matt		■	■		■
ProtectPlus protective coating	High gloss				■	■
Maintenance						
Can be painted		■				
Self-cleaning			■	■	■	■
Fixing methods						
Invisible fixing	Mechanically					■
	Adhesive	■	■	■	■	
Screws		■	■	■	■	
Nails		■	■	■	■	
Rivets		■	■	■	■	■
FIRE SAFETY						
European fire class	B-s2,d0	■	■	■	■	
	A2-s1,d0	■ optional	■ optional	■ optional	■ optional	■

BUILDING INSPIRATIONS



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