



made in Germany

megawood[®]

NATURE FIBRE FACADE

Inspired by nature.
Made for life.

www.megawood.com

Inspired by nature in its natural state, megawood® was created. A material that combines the best properties of different raw materials. The main component, up to 75%, is wood fibers from sustainable cultivation. These are processed together with stone granules, polymers and environmentally friendly additives to create a high-strength material with an extremely dense surface.

In nature, everything follows a cycle – megawood® is based on this. The fibers extracted from nature are formed into high-quality, recyclable facade panels that can be returned to the production cycle at the end of their “life”. The question of disposing of old panels therefore does not even arise.

The new megawood® facade system combines the structural advantages of a ventilated rainscreen facade with the unique properties of this natural fiber-based material. The facade system is weather-resistant, strong against mechanical stress and versatile in its design. An innovative click system guarantees quick and easy installation.

Cover page: Panel Karree in the colour Ingwer / Format: 240 x 2396 mm
Page 3: Panel Karree in the colour Varia brown / Formats: 80 x 2396 and 240 x 2396 mm



Inspired by nature. Made for life.

Nothing is as essential and decisive for mankind as nature: air to breathe - yet devastating as a storm. Water as the elixir of life - merciless in large quantities. Warming fire - merciless as a roller. And the earth with all its originality - so strong and yet so sensitive. megawood® was developed according to the rules of nature: natural fibres, intelligently perfected, tough, versatile in use. And made for life.



Burning passion
- is also in the nature of megawood®. But to ensure that the spark only ignites in love, megawood® is flame-retardant. If things do get hot at high temperatures, megawood® reliably retains its shape thanks to its low thermal expansion.



Up to 75 % natural fibres, stone granulate, polymers, environmentally friendly binders and a large portion of innovative spirit - megawood® comes from the earth, durable, long-lasting and strong. And because the earth's resources are not inexhaustible, megawood® is completely recyclable.



Can hold a candle? Can megawood®. Because every drop on the material stays where it lands. Water-repellent, megawood® offers ideal protection against moisture.

megawood® is made for life. Its dimensional stability, quality and colour stability speak for themselves. The material reaches its final colour maturity after around 8 months. There is no need for refreshing coats of paint or time-consuming cleaning, as megawood® is particularly easy to care for thanks to its natural defences. So that the good things in life don't fade too quickly and there is room to breathe.

“Everything new is rooted in nature!”

What drives us?

A vision and the belief in a natural material, which is used in everyday living spaces and which enriches and makes life easier.

With megawood® and our products, we are already very close to this idea! We combine the positive properties of wood and stone with an extra portion of innovative spirit. The result is a material that shines with features such as robustness, strength of form and naturalness and also contributes to the protection of our environment through its sustainable production. To ensure that we can keep an eye on production at all times and work quickly on new solutions, all of our products are manufactured 100% in Germany. Our globally unique facilities create an innovative product with maximum functionality.

The aim was to develop a facade system that would meet the requirements of everyone involved in the construction process.

We have achieved this goal.
See for yourself!




Dipl.-Ing. Holger Sasse
CEO

Simple beauty that captivates the eye.
Applied over a large area, the megawood®
facade system comes into its own on
modern detached houses.

The megawood® facade system offers many structural advantages. Furthermore, it is extremely versatile. Used as a design element, it is ideal for accentuating surfaces and shapes.



Panel Karree in the colour Varia Chocolate black / Format: 80 x 2396 mm



The megawood® facade system immerses buildings in the colours of nature. The smooth surfaces reflect the daylight and show the observer a different exciting nuance depending on the incidence of light.

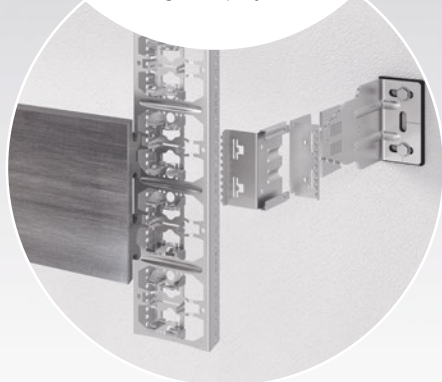
Panel Karree in the colour Lorbeer / Formats: 80 x 2396 and 240 x 2396 mm



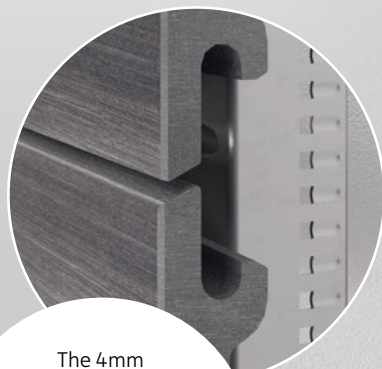
The simple, fast installation ensures that construction progresses smoothly and according to plan in the often critical final phase of a major project and also makes the megawood® facade system very interesting for large areas.

Panel Karree in the colour Ingwer / Formats: 80 x 2396, 160 x 2396 and 240 x 2396 mm

A façade system specially developed for mounting that requires hardly any tools. The base anchors are doweled, and all other components are clicked into the system. This means that as soon as the substructure is complete, the panels can be mounted by a single employee.



Springs hold the panel retaining brackets firmly in place. Rattling and stress caused by changing wind loads are prevented.



The 4mm narrow gaps allow very little water to penetrate the façade. The construction is therefore protected against driving rain.

Individual panels can be removed using a special tool and easily replaced. Damaged areas can thus be repaired quickly and easily.



The System. The benefits.

The unique feature of the facade system is its ingenious, recyclable stainless steel substructure. The panels are clicked into special stainless steel profiles using snap-in brackets, where they are firmly anchored by integrated retaining springs. The length and width of the panels can be flexibly adjusted using conventional tools. The profiles can be installed horizontally or vertically. This means that the panels can also be mounted horizontally or vertically – even a combination of different formats is easy to achieve. Corner elements, L-profiles, gap spacers, and many other well-designed accessory solutions round out the product range. The low weight of the components facilitates handling and transport and guarantees the lowest possible amount of labor.



Detailed information on the system structure and mounting can be found in our **construction plan**.

Three formats. Six colours. Many possibilities.

The colours of the megawood® Karree product series are a tribute to nature and its diversity. Gentle colour play and details on the surface give the panels a unique, lively appearance. Changing colour gradients in longitudinal and transverse directions as well as iridescent colour reflections, which appear different depending on the incidence and intensity of light, make each panel unique.

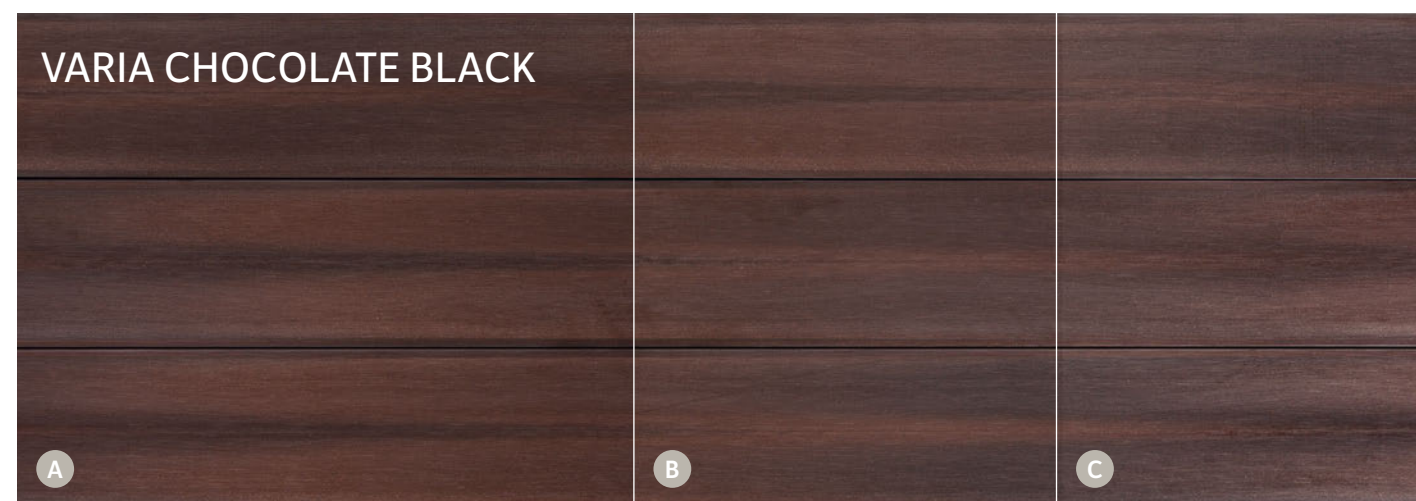
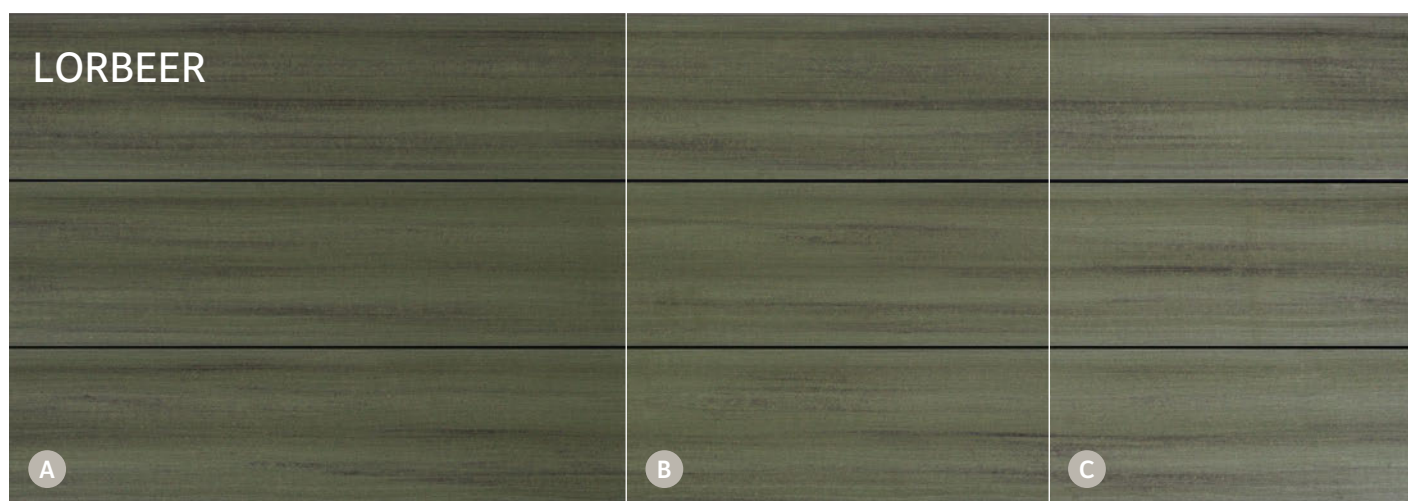
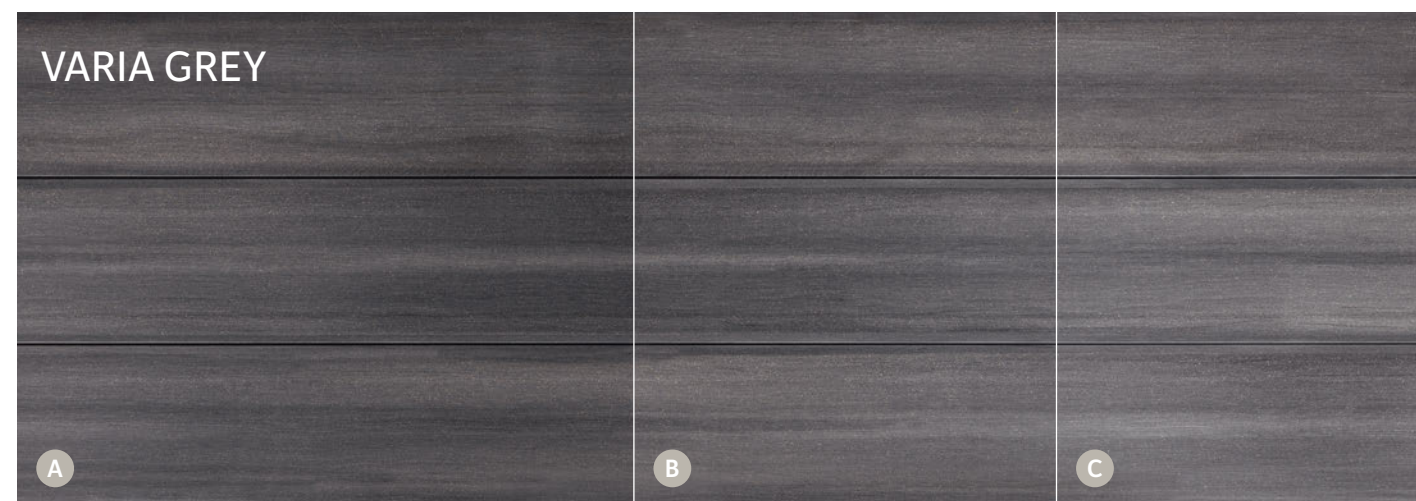
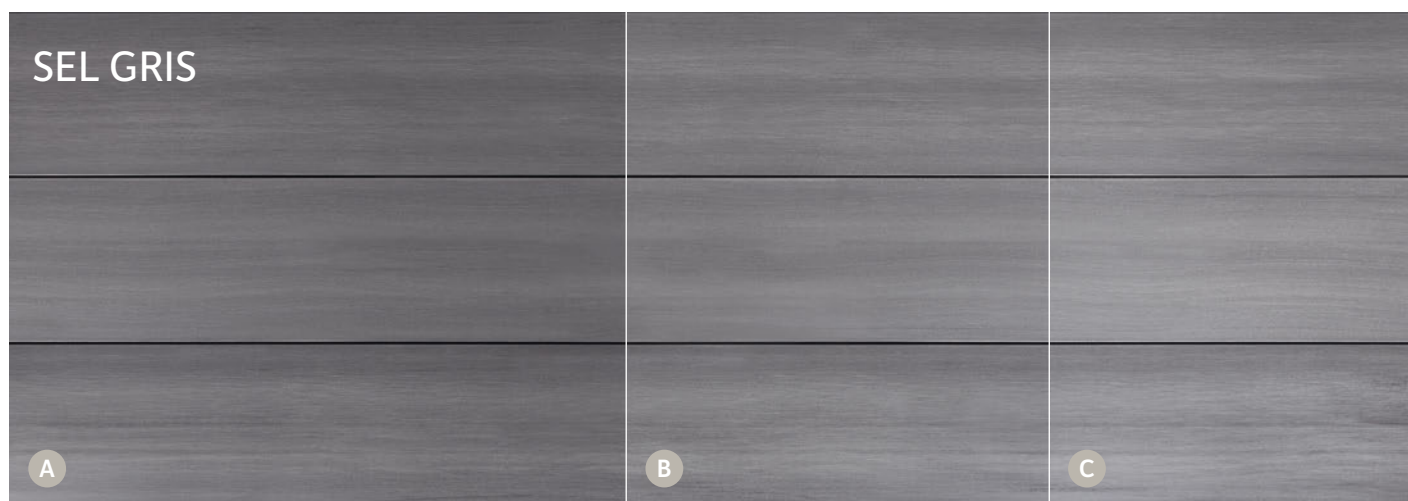
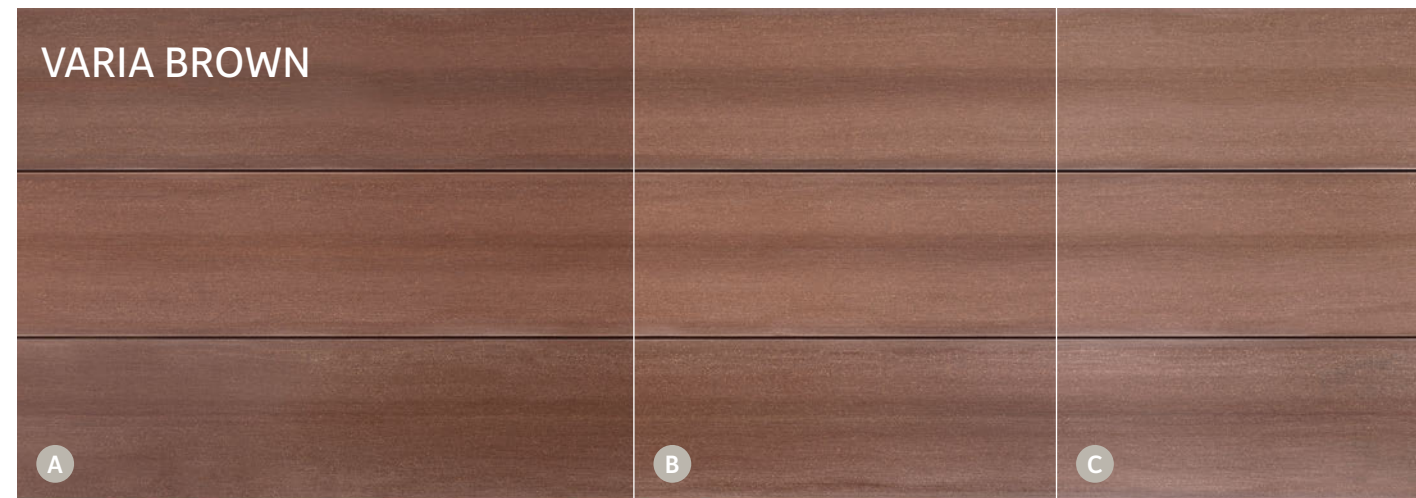
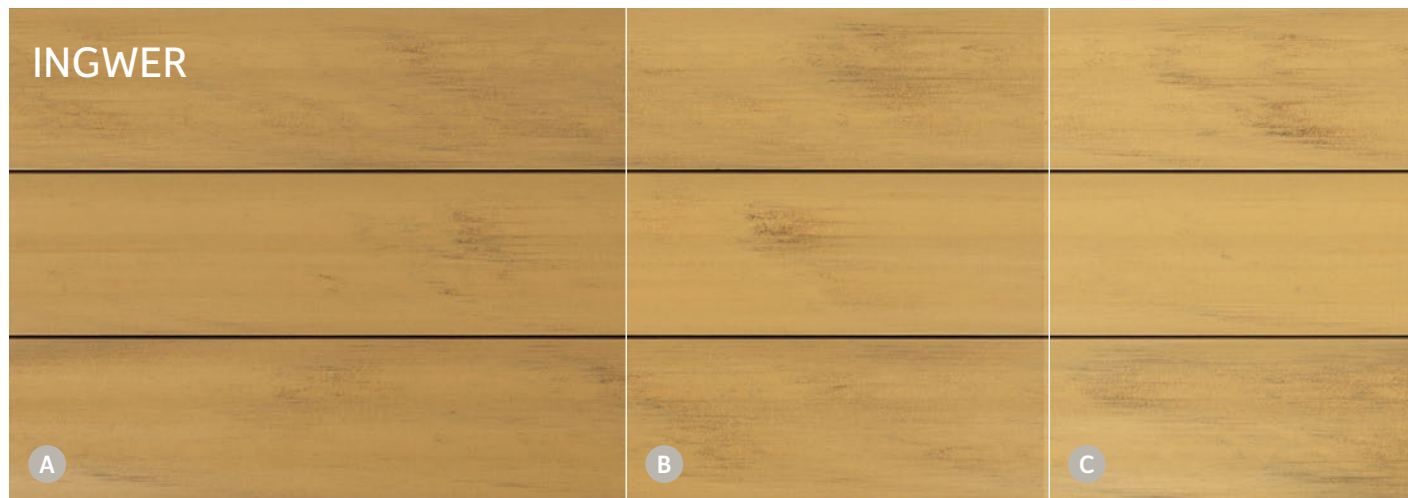
80 x 22 x 2396 mm

160 x 22 x 2396 mm

240 x 22 x 2396 mm

KARREE

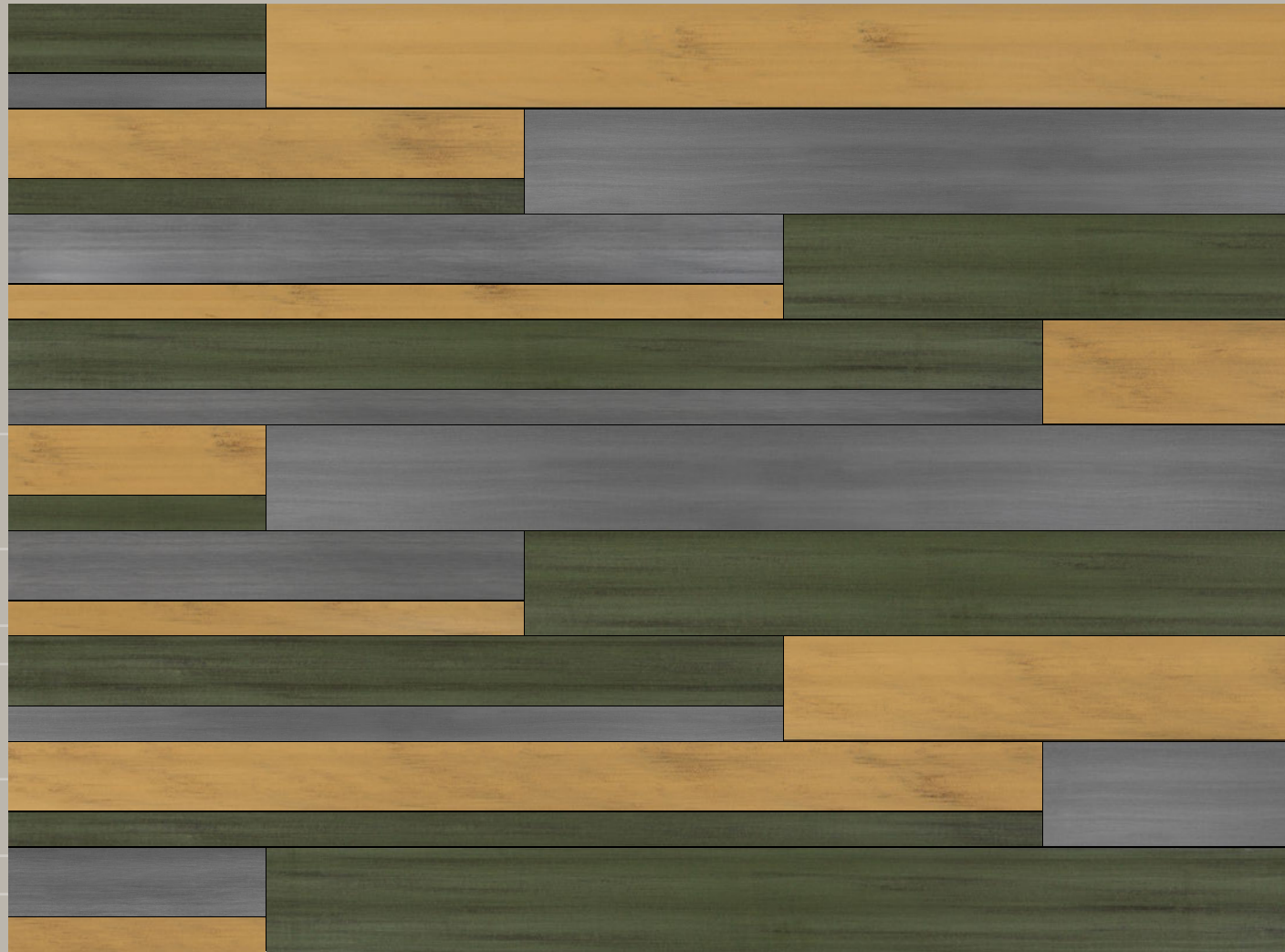




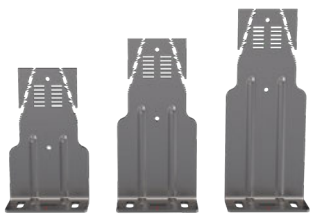
KARREE

The diverse colour palette of Karree facade panels is based on natural shades and continues to develop after installation. Sunlight and weathering change the colour effect, so that your facade only takes on its final, natural and permanent colour after a few months.

- A after laying
- B after 1 – 2 months
- C after 6 – 8 months



The right part for every application.



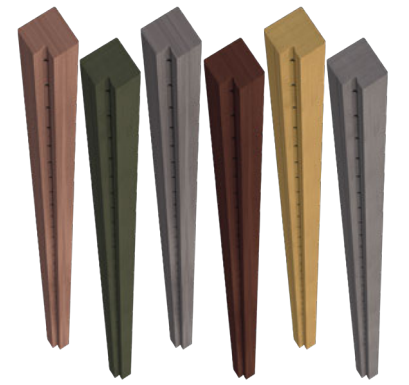
WALL BRACKET
Material: Aluminium
DS 140 - 160 (Length 187,5 mm)
DS 180 - 200 (Length 227,5 mm)
DS 220 - 240 (Length 267,5 mm)



PROFILE ADAPTER 2PCS
Material: Stainless steel



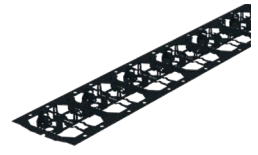
CORNER TRIM
Material: Stainless steel
Length 250 mm



CORNER STRIP
Length 2396 mm
available in all 6 colours



BEARING PROFILE
Material: Stainless steel, Standard steel blackened
Length 2000 mm



SNAP-FIT RAIL
Material: Standard steel blackened
Length 960 mm



CLAMP
Material: Standard steel blackened



START & END CLAMP
Material: Standard steel blackened



DISTANZ FIX
Material: Stainless steel, Standard steel blackened



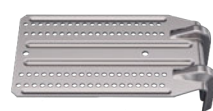
DISTANZ SCHUH
Material: Stainless steel, Standard steel blackened



PROFILE ADAPTER 1tlg.
Material: Stainless steel



PROFILE CONNECTOR
Material: Stainless steel, Standard steel blackened



EDGE BRACKET
Material: Stainless steel



EDGE RAIL
Material: Stainless steel
Length 1200 mm



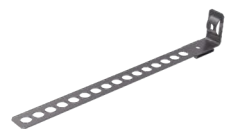
MULTI FIX
Material: Stainless steel



MULTI FIX 1/2 L
Material: Stainless steel



MULTI FIX 1/2 R
Material: Stainless steel



SPANN FIX
Material: Stainless steel



L-PROFIL
Material: Aluminium
Length 2400 mm



RAST FIX
Material: Stainless steel
Length 1200 mm



CORNER RAIL
Material: Stainless steel
Length 2396 mm

What gives more character than a break in symmetry and order?
The megawood® facade system takes flexibility to the extreme and allows any combination of formats and colors – for an extravagant look.

Panel Karree in Lorbeer, Sel Gris and Ingwer colours / Formats: 80 x 2396, 160 x 2396 and 240 x 2396 mm



Panel Karree in the colour Varia Grey / Formats: 160 x 2396 and 240 x 2396 mm

Imprint

www.megawood.com

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