

häussermann®

outdoors & indoors



COMPLETE PRODUCT RANGE



Natural wood façades | Thermally modified wood façades | Pre-greyed wood façades | Coloured wood façades | Standard profiles | Interior fittings | Solid-wood decking

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THERE ARE MANY ASPECTS TO SUSTAINABILITY IN THE WOOD INDUSTRY

We have to value and preserve what we already have, yet also develop it further for the generations to come. Sustainability has many facets for us: The most important is ecological compatibility and a long-term orientation, followed by regionality and customer proximity. We use this aspiration to shape our daily tasks and business contacts. Our focus lies on an authentic product portfolio and streamlined, consistent processing.

We have displayed the PEFC seal for many years. We stand for sustainable forest management and take environmental and social criteria equally into account. We protect nature and the environment by avoiding unnecessarily long transport routes. The PEFC guidelines for forest management are adapted to the natural conditions of the respective forest ecosystem and ensure that these vitally important natural habitats are preserved.

A sense of responsibility is very important to h ussermann. We thus consider FSC® certification as a matter of course. The aim of FSC® is to preserve location-appropriate forests and manage them responsibly. Companies who process wood according to the FSC® guidelines receive a certificate. h ussermann was certified in 2000.



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QUALITY BASED ON EXPERIENCE

We know how it's done

We dedicate ourselves to this task with expertise, flexibility and enthusiasm. Supporting you with your individual, creative projects is a matter close to our hearts – and that's something you will notice in our willingness to implement new objects in solid wood with you.

INNOVATIVE WOOD PRODUCTS DIRECTLY FROM THE MANUFACTURER

häussermann is now indispensable as a company within the solid wood sector in Germany. As part of the häussermann Group, we develop, manufacture and distribute innovative solid wood products for indoor and outdoor use relating to house building. We benefit from our over 100 years of experience and expert knowledge passed down from generation to generation. We are thus one of Germany's most well-known and innovative planing mills today. We are proud to say that our wooden profiles have stood for continuity and quality for decades.

AN AFFINITY WITH THE MATERIAL

We feel a great affinity with wood as a material. It is alive, you can feel, smell and see it. Our product range takes into account classic wood types required by the market, which are complemented by the comprehensive thermal modification products. Thermal modification is used within the corporate group to optimise a wide range of hardwoods and softwoods in terms of their colour and natural durability. This high-performance chain of producers within the corporate group gives us a unique selling point on the German market. This benefits, above all, our customers.

MATERIALS WITH THE HIGHEST STANDARDS

Our criteria when it comes to using and processing materials are as uncompromisingly consistent as the market demands today. "Effectiveness" for us means acquiring wood regionally and processing materials with maximum energy efficiency. The paints and colour systems used do not pose any health risks, and rightly so. This leads to a product portfolio for wood façades and interior cladding that fulfils the highest quality standards.

OUR WOODEN PROFILES – OLD FAMILIARS AND UNPRECEDENTED INNOVATIONS

Our comprehensive range of profiles reflects our customers' requests. We are also not afraid of individualists. Where doors would be closed to you in major corporate groups, you will find you are more than welcome at häussermann. Our product depth is significantly more extensive and not strictly limited to delivering large volumes. We're happy for you to talk to us and take a look at how we can contribute towards your unique idea. Our expertise allows us to actively support you and turn your ideas into a finished product.

QUALITY IS THE BEST WAY TO ACHIEVE CUSTOMER LOYALTY

Quality has many facets. It can be seen in the material and workmanship, in the services and consulting, and not least in the good connection between the customer and builder. All these aspects are important over the course of a collaboration and make all those involved feel as though they are participating in a good thing. Right at the end, you then naturally have the completed project, such as a façade installed in compliance with the regulations. For häussermann, the quality features just mentioned represent core values that arise not only from a business interest in generating long-standing customer satisfaction. In fact, it is our basic requirement to make a shared idea a reality in a team with a partner on an equal footing.





OUR CLASSIC WOOD TYPES

NATIVE WOOD TYPES

NATIVE SILVER FIR

Origin: Black Forest, Swabian-Franconian Forest, the Vosges, the Jura.
 Visual appearance: varies, pale yellow to almost white
 Average bulk density: 450 kg/m³
 Natural durability: 4



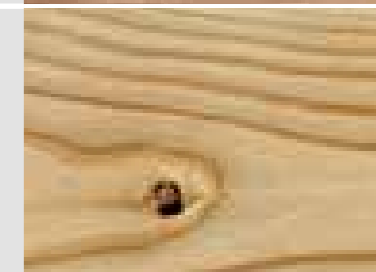
NATIVE DOUGLAS FIR

Origin: Southern, Central Germany, France.
 Visual appearance: pronounced, clear sapwood, white to yellowish, heartwood red-brown, significantly darkens in light
 Average bulk density: 500 kg/m³
 Natural durability: 3-4



EUROPEAN LARCH

Origin: Alps, regions of Central Europe, upland regions
 Visual appearance: Sapwood clearly visible, pale reddish-yellow. Heartwood yellowish-brown to red-brown, darkens in light
 Average bulk density: 550 – 590 kg/m³
 Natural durability: 3 – 4



OTHER WOOD TYPES

NORDIC SPRUCE

Origin: Scandinavia
 Visual appearance: Sapwood and heartwood cannot be distinguished. Wood yellowish-white without core colouration.
 Average bulk density: 470 kg/m³
 Natural durability: 4



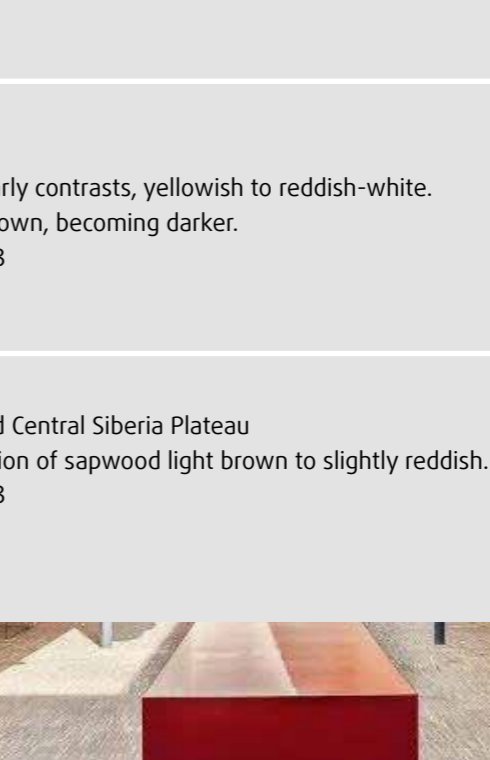
NORDIC PINE

Origin: Scandinavia
 Visual appearance: Sapwood clearly contrasts, yellowish to reddish-white. Core reddish yellow to reddish brown, becoming darker.
 Average bulk density: 520 kg/m³
 Natural durability: 3-4



SIBERIAN LARCH

Origin: East and South Siberia and Central Siberia Plateau
 Visual appearance: Small proportion of sapwood light brown to slightly reddish.
 Average bulk density: 600 kg/m³
 Natural durability: 2-3

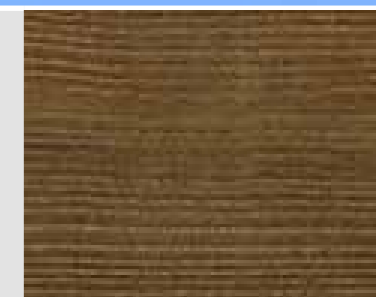


THERMALLY MODIFIED WOOD TYPES

During the manufacturing process for thermally modified timber, the structure of the wood is changed significantly using heat. This considerably increases properties relating to longevity and dimensional stability. Thermally modified timber is also unsurpassed in terms of sustainability. It goes without saying that this process is free from chemical additives. We exclusively process thermally modified timber from MIRAKO GmbH, which is also a member of the hüssermann Group (www.mirako.at).

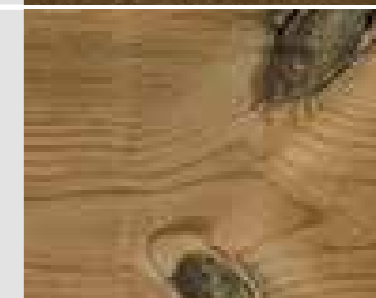
THERMALLY MODIFIED ASH

Origin: Southern Germany, Austria, Balkans
 Color: dark brown
 Durability class: 1-2
 Area of application: Outdoors



THERMALLY MODIFIED PINE

Origin: Scandinavia
 Colour: yellowish brown
 Durability class: 2
 Area of application: Outdoors



THERMALLY MODIFIED SPRUCE

Origin: Scandinavia
 Colour: yellowish dark brown
 Durability class: 2
 Area of application: Outdoor area, indoor area



THERMALLY MODIFIED POPLAR

Origin: Central and Southern Europe
 Colour: yellowish dark brown
 Durability class: 2
 Area of application: Outdoor area, indoor area



PLEASE NOTE:

Thermoholz ist der ideale und verlässliche Partner für Ihre Fassade. Selbst Massenverlust, verminderte Statik oder Sprödigkeit, die durch die Thermomodifikation entstehen ändern nichts an ihrem Einsatz im professionellen Fassadenbau! Thermally modified timber is the ideal, reliable partner for your façade. Even the loss of mass, reduced statics or brittleness that arise through thermal modification change nothing in terms of your application in professional façade construction!

- › Native, renewable wood
- › Temperature instead of chemicals
- › Reduced swelling and shrinkage
- › Increased dimensional stability
- › Increased durability
- › No risk assessment for remnants and waste materials



NATURAL WOOD FAÇADES

häussermann Natural

Untreated wood façades have their very special charm and give every home a very personal, individual touch. However, there are a few considerations that need to be made so that you can also continue to enjoy the façade in a few years' time.

THE RIGHT CHOICE IS WHAT MATTERS

When it comes to an untreated wood façade, selecting the right wood type is essential. The climatic conditions should be taken into account here. The longevity of a wood façade also depends on a technically reinforced construction. If you make the right decisions here, you can expect maintenance requirements to be very low in the future. Suitable woods for untreated wood façades can include larch, Douglas fir and thermally modified pine. Other woods are also an option, depending on where the building is located or whether you love a rustic look. The greying of the wood is a very important aspect that must be taken into account for untreated

façades. Wood is a natural product and continues to "work", even after it has been mounted on your house's façade. Weather conditions such as sunlight and rain cause the wood to lose its original colour after a relatively short time and, depending on the type and environmental influence, take on a very individual grey shade. It should be noted that the wood greys to a varying extent. For example, the greying may take place more slowly at roof overhangs or around windows, as the influence of the climate does not leave such obvious traces here. This then causes the colour of the rest of the façade to appear uneven. This can be counteracted using our pre-greyled wood façade. In this case, we recommend a surface treatment from our range: häussermann WoodCare®.

It should be mentioned at this point that the greying has no influence on the durability of the wood. If the right wood type has been selected and a technically reinforced construction has been created, you can count on a stable, high-quality product for many years.

Benefits at a glance

- › Sustainable and environmentally-friendly
- › Natural renewable product
- › Great price/performance ratio
- › No aftercare required





NATIVE SILVER FIR

häussermann regional

Sustainable forest management begins with the raw material from which the wood for façades is made. Silver fir is right at the fore here as a native wood. Its regional connection, its good availability and, last but not least, its many possible uses make silver fir one of the most popular woods in the construction industry.

REGIONALITY IS KEY

As a long-established company based in the Swabian-Franconian Forest, the handling of regional resources is particularly important to us. Our silver fir exclusively comes from sustainable forest management, which ensures regional value creation. Thanks to our geographical proximity to the forests, long transport routes are avoided. This is why silver fir also impresses from an environmental viewpoint as a wood type for façades and interiors.

STRONG BASED ON TRADITION

Silver fir has held a firm place in house building for many hundreds of years. Traditional wooden houses in the Black Forest are the impressive historical evidence of this. Their designs attest to silver fir's incredible range of uses. Silver fir is thus recommended for external façade design and construction. It seems only logical, then, that the wood has increasingly made its way into modern timber construction over recent years.

WOOD PROPERTIES THAT ARE CLEAR TO SEE

When it comes to the appearance of a façade, silver fir is almost knot-free due to its grading and cutting. It is flexible, resilient and absolutely resin-free, which makes surface treatment easier and the wood is suitable for almost all profile types. This property makes silver fir suitable for all our häussermann WoodCare® coating systems. Pre-greying in the factory with our häussermann WoodCare® Natural Patina pre-greying system is particularly popular among architects and designers. Silver fir is available from us in various qualities. As a low-knot grade with rift/half-rift sawing, finger-jointed D4 or PU glued, as well as in knotted quality.

Origin: The main locations for silver fir are in the Black Forest, in the Swabian-Franconian Forest, the Vosges and in the Jura.

Visual appearance: Straight-grained light-coloured timber without resin channels. With a clear contrast between spring/summer wood and a pronounced tree ring structure. Also produced in rift/half-rift-sawn timber.

Usage: Façade construction, interior fittings

Recommended surface treatment: The resin-free wood is well-suited to all häussermann WoodCare® coating systems indoors and outdoors.





THERMALLY MODIFIED WOOD FAÇADES

häussermann Thermo

Wood is unique and versatile to use. However, its vitality also brings change: It “ages” and “works” as it absorbs and then releases moisture. Using thermal modification, we can control its independent existence and turn wood into a reliable partner.

UTILISING NEW TECHNOLOGIES

During thermal modification, wood is warmed for 50 to 90 hours and then heated for a short time at over 200°C. This changes the cell structure in such a way that water absorption and thus compensation moisture is crucially reduced. Swelling and shrinkage are reduced by up to 70%. Bacteria and fungi that break down wood lose their nutritional basis, as hemicellulose – short-chain sugar components – is broken down. The thermal treatment thus makes wood much more durable and dimensionally stable – exclusively using temperature without any chemical processes or additives.

WE LEAVE NOTHING TO CHANCE

To always guarantee our customers the best quality, which they have come to expect from us, we produce our thermally modified timber at MIRAKO, a member company of the häussermann Group.

BENEFITS AT A GLANCE

- › Temperature instead of chemicals
- › Reduced swelling and shrinkage
- › Increased dimensional stability
- › Increased durability
- › No risk with remnants, waste materials



Please read about our wood types from page 7.



THE MANUFACTURING OF THERMALLY MODIFIED TIMBER

at MIRAKO GmbH,
Part of the hüssermann Group



www.mirako.at



PRE-GREYED WOOD FAÇADES

häussermann WoodCare® Natural Patina

Wood façades age after just a few months, depending on the intensity of the UV radiation and rain. To give the wood an even overall impression and stop it from being affected by the weather conditions, we offer pre-greying in the factory with häussermann WoodCare® Natural Patina.

UTILISING NEW TECHNOLOGIES

In a special finishing process, paints with and without aluminium particles are used in production to create a natural grey, silky appearance, which anticipates the natural patina of openly weathered façade surfaces. Once the façade is mounted, a greyed front will be shown from the very first day. If the surface weathers over time, the factory greying will be replaced by natural greying. This allows the wood façade to retain a continuously natural patina. The areas that are protected from the weather will also match the overall appearance in the long term as any unwanted colour differences in the typical areas, such as roof overhangs

and around windows, are avoided. Environmentally friendly, breathable and open pored.

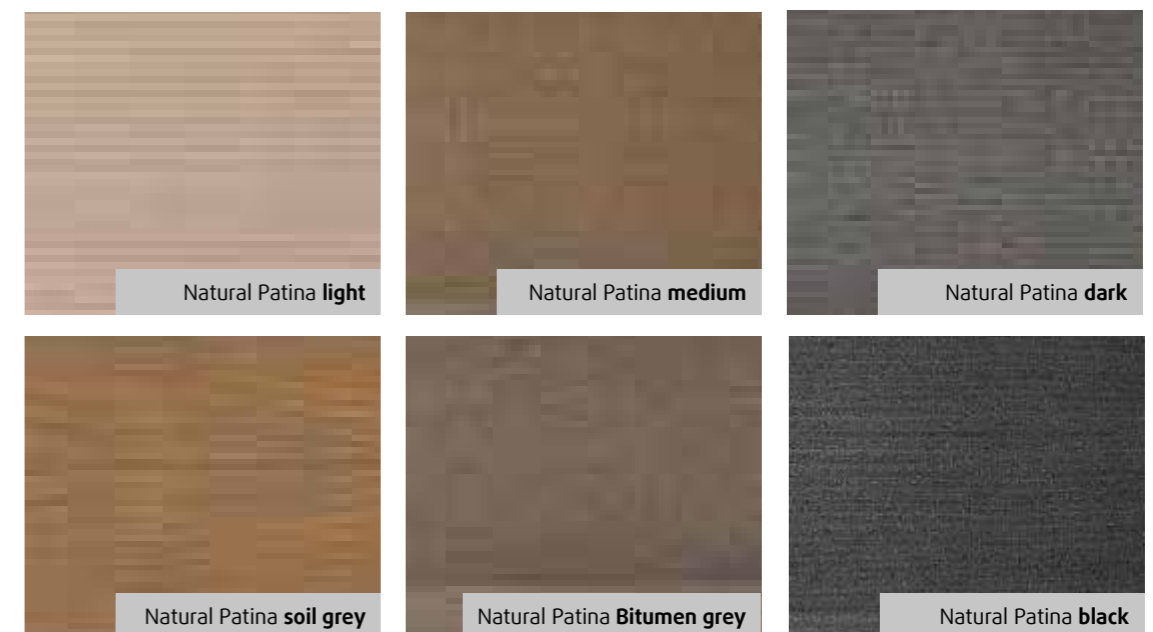
WE RECOMMEND USING THE FOLLOWING WOOD TYPES:

- › Silver fir
- › Douglas fir
- › Spruce
- › Thermally modified softwood
- › Larch

BENEFITS AT A GLANCE

- › Ideal solution for smooth transitions into non-weathered areas (e.g. eaves)
- › For lovers of naturally grey wood façades
- › No aftercare required
- › Coordinated to suit regional differences

HÄUSSERMANN WOODCARE® NATURAL PATINA WITH AND WITHOUT METAL PARTICLES





häussermann WoodCare®

The water-based häussermann WoodCare® Natural Patina is environmentally friendly, breathable and open-pored. The treatment is naturally also possible on all other softwoods and on thermally modified timber.



PRE-GREYED WOOD FAÇADES

KEIM Lignosil®-Verano

When it comes to pre-greyed façade design, you can also rely on the brand quality from KEIM at häussermann. As is common for pre-greyed façade woods, with KEIM Lignosil®-Verano, you intentionally avoid using a protective surface treatment.

A MILESTONE FOR WOOD SURFACES

Right from the very first day, you will have a continuously even, pre-greyed façade look with KEIM Lignosil®-Verano. As the natural greying of the wood is anticipated, you avoid unpleasant surprises at the eaves and around windows. KEIM Lignosil®-Verano has a colour-stable look and the greyed wood

façade sets in without any further maintenance required. KEIM Lignosil®-Verano is available in different colours and has classic and metallic shades.

With the silicate-based surface treatment, the wood has a patented silver-grey wood look right from the first day. Keim-Lignosil®-Verano is free of biocides and solvents and has a natural matt appearance.



KEIM LIGNOSIL®-VERANO CLASSIC COLOURS WITH TWO COATS



Colours 4259, 4470, 4832 and 4890 are also available as KEIM Lignosil®-Verano Metallic colours.

Images Keim-Verano: Keimfarben GmbH



PRE-GREYED WOOD FAÇADES

ADLER Platinum

Modern wood construction and silvery greyed façades belong together like a tree and its bark. The greying look has been an essential part of contemporary architecture for years. After 20 years of experience, there is now a system for maintenance-free silver and greying coatings at ADLER – and it is called ADLER PLATINUM.

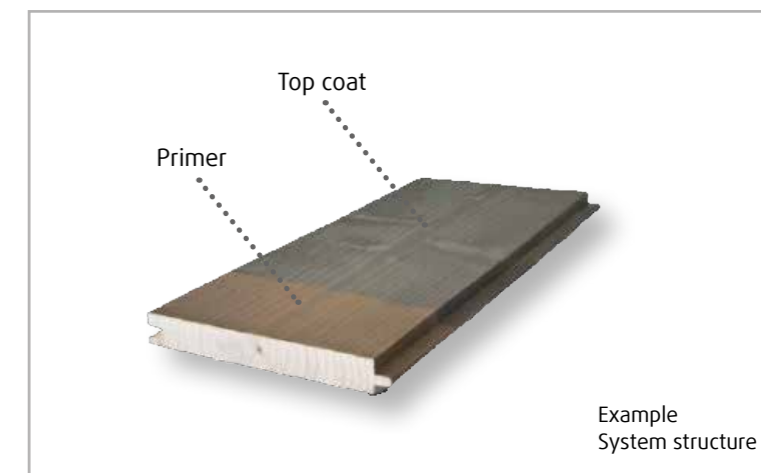
ELEGANT PATINA FOR ETERNITY

No matter which type of wood, whether you want it rough-sawn, with a planed texture or micro-grooved with a water-based coating: the Platinum system from ADLER offers the right products for any requirement and colour fastness for every structure. The result: always shiny, always even and guaranteed maintenance-free. The coated patina is transformed evenly into a natural patina. This gives architects a design tool that combines naturalness and predictability and eliminates unpleasant surprises.

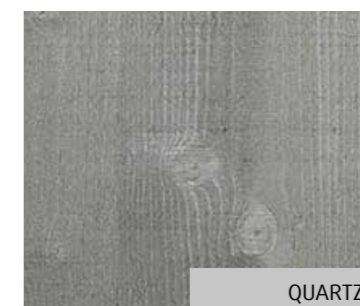
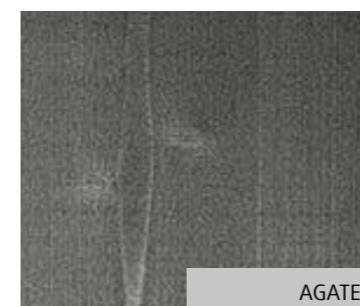
The system structure reinforces the wood fibres and evens out substrates with varying degrees of absorbency. The metal pigments reflect the majority of UV radiation and thus provide a brilliant shimmer and a long-lasting, even patina.

BENEFITS AT A GLANCE

- › Natural, breathable wood treatment
- › Maintenance-free
- › Even patina
- › Alive and permanently beautiful
- › Protection against algae and fungi



ADLER PLATINUM PRE-GREYING





COLOUR-COATED WOOD FAÇADES

häussermann WoodCare® Nature, Color

Wooden profiles are not just visually appealing, but also offer an environmentally and economically sensible alternative for contemporary façade design. A coat of paint additionally minimises the physical influences of the sun, wind and rain. This protects the wood against UV light, drying out and moisture.

Profiled wood from häussermann is exclusively treated with paint or varnish systems based on aqueous acrylic paints. Apart from the coloured pigments, the formulas often also contain a variety of different raw materials, which are carefully coordinated with each other. All are free from biocides and thus cause no harm to the environment or health. The paint materials ensure that the coating offers maximum weather resistance, impact strength and durability.

Hard and flexible system components are optimally coordinated with each other in paint systems. This protects the wood from UV light and the ingress of water, dirt and fungal spores over the long term. As the paints are also safe for children, there is nothing to stop them from being used in schools and nurseries.

We offer you high-quality surfaces in the quality-assured Vacumat process. Our coatings are applied exclusively using environmentally friendly water systems.

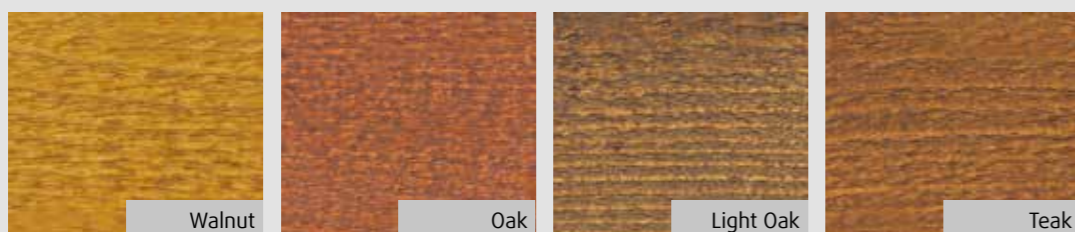


AkzoNobel remmers

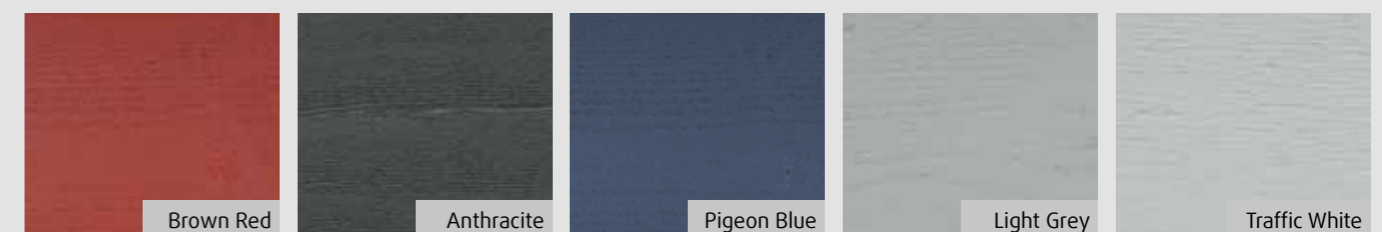
YOUR POSSIBILITIES

- > Great creative possibilities
- > Transparent colours and opaque colours
- > Surfacing router rough-cut surface finish
- > Rough band-sawn surface finish
- > Native silver fir

HÄUSSERMANN WOODCARE® NATURE, THE TRANSPARENT SURFACE SYSTEM



HÄUSSERMANN WOODCARE® COLOR, THE OPAQUE SURFACE SYSTEM





COLOUR-COATED WOOD FAÇADES

KEIM Lignosil®-Color

KEIM Lignosil®-Color is the branded product for when you are thinking about long-term economy and are looking for particularly high quality in your façade design. The modern paint combines many benefits and will generally save you from having to do any laborious renovations.

A MILESTONE FOR WOOD SURFACES

Conventional paints have a crucial disadvantage – they only adhere to the base and the colour coating forms cracks after a certain amount of time, depending on the weather influences, and becomes brittle. Where tried-and-tested products reach their limits, the patented colour system from KEIM can show its superiority with many additional benefits. KEIM Lignosil®-Color forms an extremely opaque and resistant coating, thus offering very good protection against moisture. This ability gives your façade very good weathering properties. The great side effect is that renovating your façade is easy. There is no longer any need to sand the façade down. It is generally sufficient to simply paint over it. KEIM Lignosil®-Color also has very good UV resistance and can display good environmental compatibility. The inorganic silicate binders boast extreme UV resistance. The binder is not degraded by UV light. The coating is microporous and allows moisture to diffuse from the substrate.

Silicate paints have been used with great success on mineral construction materials for 135 years. As façade paints for plaster and concrete, they are particularly characterised by their longevity and their ease of renovation.

As a result of the exclusive use of inorganic colour pigments, silicate paints also offer unparalleled colour stability. These ensure correspondingly long renovation intervals and low building maintenance costs.

In view of the service life of conventional wood coatings, applying the “silicate paint” principle to the substrate wood represents an unprecedented advancement in the quality of wood coatings.

- › UV-stable, mineral pigment
- › Outstanding moisture protection
- › Absolutely lightfast
- › Clean and resilient surface in the long term
- › No thick coats of paint
- › Velvety-matt surface appearance



The active principle
Schematic diagram of the Ligosil composite coating



Source: KEIMFARBEN GmbH

Ultra-fine silicate fillers from Lignosil-Base form a permanent bond with Lignosil-Color

We recommend using KEIM Lignosil®-Color on:

- Spruce
- Silver fir



OUR STANDARD PROFILES

The versatility of häussermann

A SELECTION FROM OUR PROFILE RANGE FOR FAÇADES, INTERIOR FITTINGS AND DECKING

KSP 17	Feather-edge profile 15/24 x 146 mm (coverage: 123 mm)	TWP	Twin profile 27 x 171 mm (coverage: 156 mm)
OUTSIDE		OUTSIDE	
KSP 18	Feather-edge profile 15/24 x 146 mm (coverage: 123 mm)	ETPS	Individual trapezoid system 27 x 96 mm (coverage: 74 mm)
OUTSIDE		OUTSIDE	
PROFIL 3	Elégie 45° 20 x 146 mm (coverage: 131 mm)	TIGA	TIGA 26 x 65 mm, 20 x 90 mm
OUTSIDE		OUTSIDE	
ESP	Alsace profile 21 x 146 mm (coverage: 131 mm)	DKS 20	Board and batten cladding 21 x 145 mm
OUTSIDE		OUTSIDE	
STS 6	Weatherboard cladding 19 x 146 mm (coverage: 131 mm)	GBK 26	Smooth-edged board, rounded 26 x 140 mm
OUTSIDE		OUTSIDE	
TPS 21	Parallelogram 15° 26 x 69 mm (coverage: 136 mm)	TSP 24 F	Decking profile joint 20/25 x 137 mm
OUTSIDE		OUTSIDE	
DRP	Double rhombus profile 21/27 x 121 mm (coverage: 102 mm) 21/27/33 x 146 mm (coverage: 126 mm)	LIGO N	LIGO N DECKING PROFILE 20/25 X 137 mm
OUTSIDE		OUTSIDE	

RP 2	Round profile 14 x 121 mm (coverage: 111 mm)	3D P1	Special profile 3D façade 40 x 69 mm (coverage: 47 mm)
INSIDE		OUTSIDE	
RP 2	Round profile 19 x 146 mm (coverage: 136 mm)	3D P2	Special profile 3D façade 21 x 96 mm (coverage: 74 mm)
OUTSIDE INSIDE		OUTSIDE	
TRP 12	Partition wall profile 38 x 146 mm (coverage: 136 mm)	3D P3	Special profile 3D façade 26 x 121 mm (coverage: 99 mm)
OUTSIDE INSIDE		OUTSIDE	
FB 10	Half V-jointed timber 28 x 146 mm (coverage: 136 mm)	3D1	1 groove profile 27 x 146 mm (coverage: 127 mm)
OUTSIDE INSIDE		OUTSIDE	
KP	Combi-profile 20 x 121 mm (coverage: 111 mm)	3D1	1 groove profile 40 x 146 mm (coverage: 127 mm)
OUTSIDE		OUTSIDE	
MHD 11	Solid-wood board 21 x 146 mm (coverage: 136 mm)	3D2	2 groove profile 27 x 146 mm (coverage: 127 mm)
INSIDE		OUTSIDE	
WF 1	V-joint 21 x 96 mm (coverage: 88 mm)	3D3	3 groove profile 27 x 146 mm (coverage: 127 mm)
OUTSIDE		OUTSIDE	
AKUSTIK SILENCE	Acoustic Silence 21 x 121 mm (coverage: 111 mm)		
INSIDE			

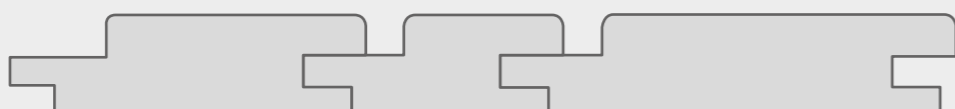
DESIGN EXAMPLES FOR FAÇADES WITH VARIOUS PROFILE GEOMETRIES

Profile geometries for **open** façades are possible in a similar manner. Just ask us!

Rebate joint FB 13, combination of the dimensions 22 x 145 / 80 / 120 mm



V-joint WF 1, combination of the dimensions 26 x 121 / 69 / 146 mm



Groove profile, combination of the dimensions 3D1: 40 x 146 / 27 x 146 mm , 3D3: 27 x 146 mm



3D profile, combination of the dimensions 3D P3: 26 x 121 mm, 3D P1: 40 x 69 mm, 3D P4: 21 x 146 mm



Rebate joint ETPS, combination of the dimensions 26 x 120 / 69 / 95 mm



Feather edge KSP 17, combination of the dimensions 24 x 146 / 121 / 96 mm



V-joint WF 1, combination of 21 x 96 / 26 x 69 / 40 x 69 / 21 x 146 mm



INDIVIDUAL FAÇADE DESIGNS

häussermann can do it

Our profiled timber is ideal for façades, interiors and decking. You are already adding the first accents by choosing the right wood type and perhaps a colour. However, to add further personal accents in terms of façade design, it is crucial to choose the right profile. You will be surprised how many profiles we can stock or manufacture for you. Together, we can also develop a customised solution for you.

WE CARVE OUT YOUR VISION

Classic profile shapes are often varied in terms of thickness and width within façade design. But we are not content with that. That is why we have specialised in manufacturing individual profile geometries for many years.

Simple, flat façades are turned into real 3D experiences by fitting various profile geometries. We have no shortage of ideas to make your vision a reality. At

the same time, we always keep our eye on the “big picture”. We examine your ideas and preferences in detail with a view to the best possible implementation, taking into account the applicable technical regulations.

The decision as to which façade you choose is ultimately in your hands. However, one thing is certain – the interplay of light and shade will delight you time and time again and, if you also choose an optical or protective colour system, you will certainly have done everything right.





TIGA – PERMANENT CONSTRUCTIVE PROTECTION

Simple, fast and secure

With TIGA, the rhombus-shaped façade profile and the open joints provide perfect interaction between light and shade. A unique depth effect is created in the silhouette, lending the façade a characteristic look. TIGA, the sophisticated system for elegant design.

GROUNDBREAKING, SIMPLE ASSEMBLY

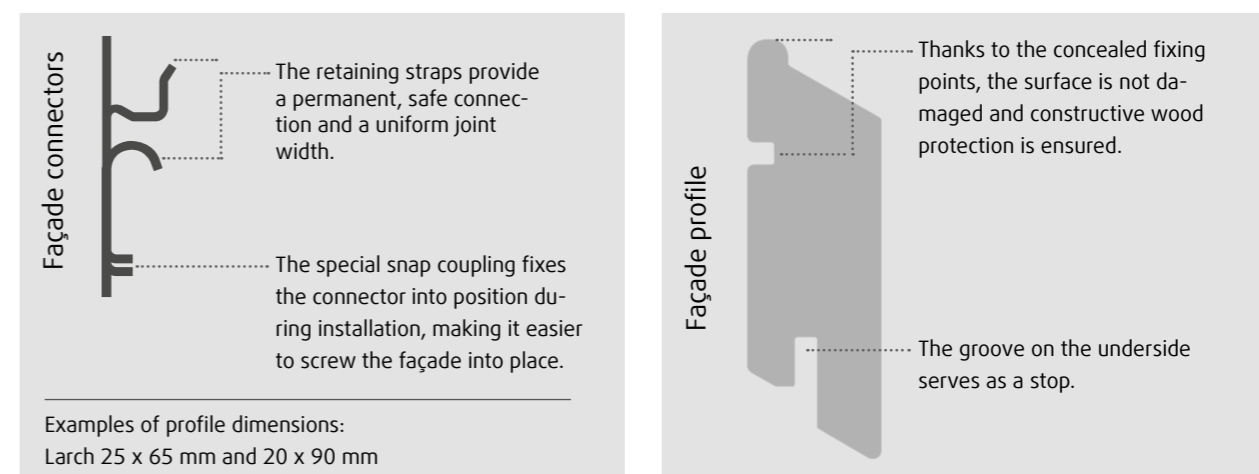
Mounting your wood façade is easy, quick and safe with the TIGA façade system. Consisting of the specially developed façade connectors and the matching rhombus profile, TIGA is an innovative, invisible mounting system for a permanently protected external façade. Thanks to the unique connectors, each profile is slid easily

into the desired position during mounting and then fixed in place by simply screwing it to the substructure.

In addition, attention was paid during development that the surfaces subjected to the most stress during mounting are not drilled or damaged, thus ensuring maximum weather protection.

THE WOODEN PROFILE IS AVAILABLE IN THE FOLLOWING VERSIONS:

Spruce, silver fir, larch, thermally modified ash, thermally modified pine



Examples of profile dimensions:
Larch 25 x 65 mm and 20 x 90 mm



TIGA extends the service life of your façade. Thanks to the rear-engaging, invisible fixing, the wood surface remains undamaged – constructive wood protection made by TIGA.

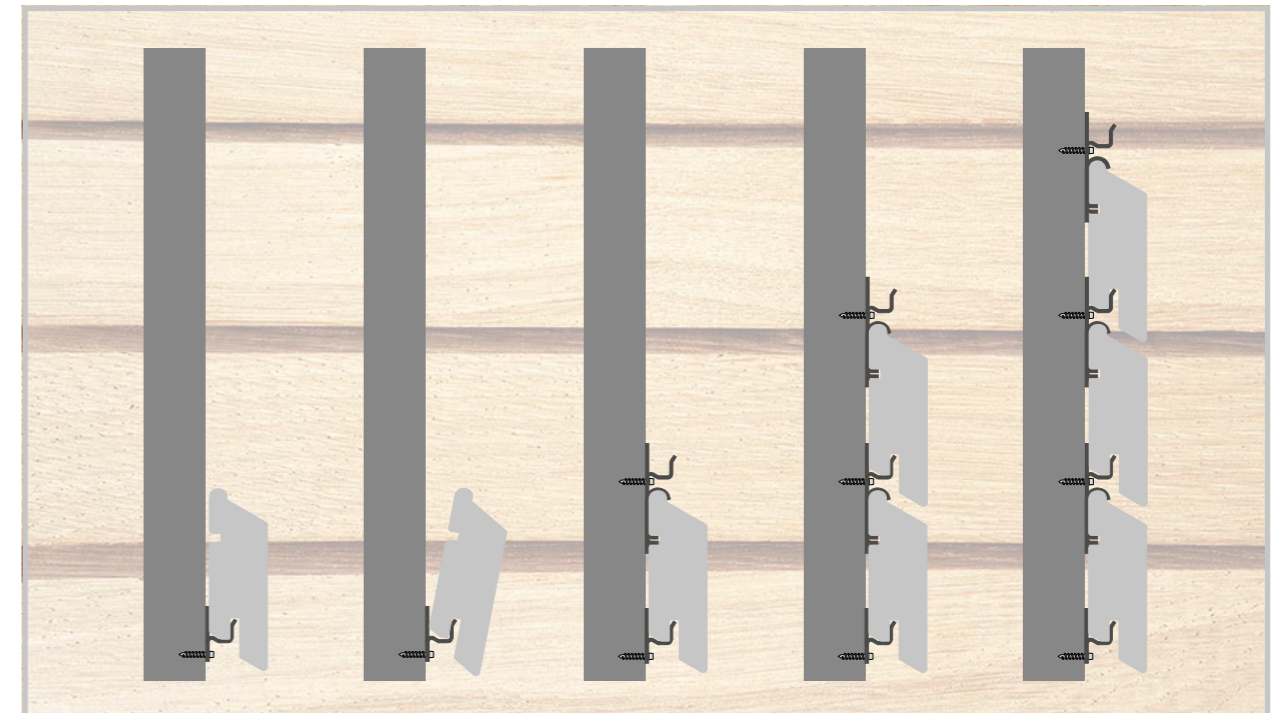



TIGA is also suitable for vertical installation.



INSTALLATION OF THE TIGA FAÇADE SYSTEM

The geometry of TIGA has been optimised for an installation-friendly workflow. The profile is inserted at a slight angle into the already mounted TIGA (or the starter piece). The next TIGA can now be conveniently placed into this installation position and then screwed into place.



TIGA - Façade connectors	Product Description	Packaged unit
 <p>* Dependent on the substructure and the profile width.</p>	Aluminium zinc / Dimensions: 40 x 1.25 mm	Packaged unit for approx. for 3-5 m ² * 100
	Aluminium zinc / Dimensions: 40 x 1.25 mm	Packaged unit for approx. for 10-20 m ² * 400
	Aluminium zinc / Dimensions: 24 x 1.25 mm	Starting piece 50



Position and click into place



Only screwed once



Joint pattern 7 mm



A FEEL-GOOD FACTOR FOR INDOORS FITTINGS

It is well known that wood creates a pleasant indoor atmosphere. No matter whether in a living room, office or conference room, the properties of silver fir make it the perfect wood type for indoors. On walls and ceilings, this wood type impresses with its light, warm shade and can be combined perfectly with other construction materials.



INTERIOR FITTINGS WITH WOOD

häussermann offers many benefits

Whether a wall/ceiling or floor covering – interior fittings with wood make a room feel cosy. This is because interior fittings created with solid wood also mean increased health, naturalness and safety.

OUR NATURAL SURFACE COATINGS

Our additional surface coatings enable you to protect the natural colour of the wood in the event of increased UV radiation or add natural accents.

WE RECOMMEND SILVER FIR FOR INTERIOR FITTINGS.

AQUA COLOURLESS

Description: Colourless coatings protect the wood and offer increased UV protection, while also retaining the natural colour.



AQUA INTENSIVE WHITE

Description: A coating with Aqua intensive white allows the natural structure of the wood to still be seen. It offers increased UV protection.



SUNCARE 800

Description: Suncare 800 is a colourless coating and offers the highest UV protection, while retaining the natural colour of the wood. Particularly recommended in combination with silver fir.



Our profiles are also coordinated to match the interior fittings.



INTERIOR FITTINGS WITH WOOD

ADLER surface coatings

BENEFITS AT A GLANCE

- › Triple UV protection
- › Natural appearance
- › Permanently light, fresh wood
- › Odour neutral
- › Free from chemical preservers
- › High breathability – healthy indoor atmosphere
- › Fulfils the criteria of “baubook ökologisch ausschreiben” (EcoBuildingCriteria)

LIGNOVIT INTERIOR UV 100

In modern architecture, spacious window elements and open-plan rooms, which flood the living space with pleasant daylight, are particularly popular. It is important here to ensure that the wooden elements fitted indoors are given high-quality UV protection. Due to special light protection agents,

the interior glaze Lignovit Interior UV 100 absorbs UV light and stabilises the lignin in the wood. This significantly slows down the yellowing of the wood, helps to retain the natural appearance of softwood in the long term and ensures long-lasting freshness. The transparent and matt finish of the glaze creates a very natural appearance on softwood – the surface is truly a visual delight. At the same time, the wood is protected from moisture and dirt.





SILENCE PROFILE

For better room acoustics

The use of high-quality silver fir with a natural, water-based light-protection treatment makes the Silence profile the right choice for interior fittings.

GOOD ROOM ACOUSTICS – 100% NATURAL

The improved sound absorption due to the profile leads to a considerable improvement in room acoustics. Wood, known to regulate moisture, creates a healthy feel-good atmosphere in rooms. In addition, the special surface treatment significantly delays the darkening of the material.

THE SILENCE PROFILE CAN BE DELIVERED DIRECTLY FROM STOCK IN THE FOLLOWING VERSION:

native silver fir 0/l, rift/half rift, knot/fault free, finger-jointed, D4 glued
 Surface: häussermann Suncare 800
 Dimension: 21 x 121 / 21 x 143 mm

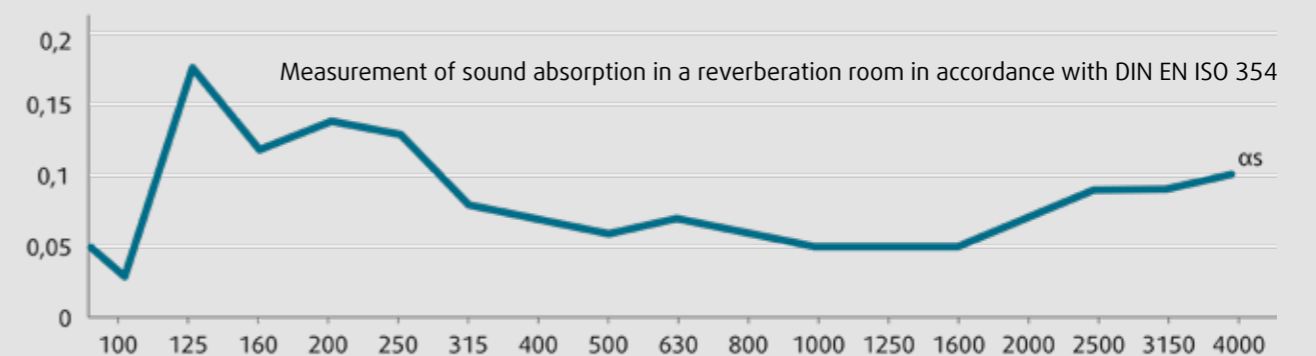
SILENCE PROFILE

The combination of silver fir with the Silence profile creates an extensive overall appearance without the typical character of wooden profiles. This also has a very good influence on sound perception in rooms.

Testing of the sound absorption coefficient according to DIN EN ISO 354 by ITA Ingenieurgesellschaft für technische Akustik, report number: 0075.13-P124



> SOUND ADSORPTION COEFFICIENT



NEORUSTIC

A unique atmosphere

The special thing about wood is its unmistakable look. No natural material offers so many different ways to characteristically and thus individually design indoor spaces in our technology-driven world.

SURFACES WITH A POWERFUL EFFECT

Rustic surfaces hold a special place here. They enhance the natural appearance of wood and give rooms an original character. Thermally modified spruce with a chopped surface from häussermann is a material with unique dynamism. Chopping and roughening makes each board a one-of-a-kind and gives each wall its unmistakable, independent look.

The thermal treatment also reduces the shrinkage of the boards, the appearance of joints is significantly reduced.

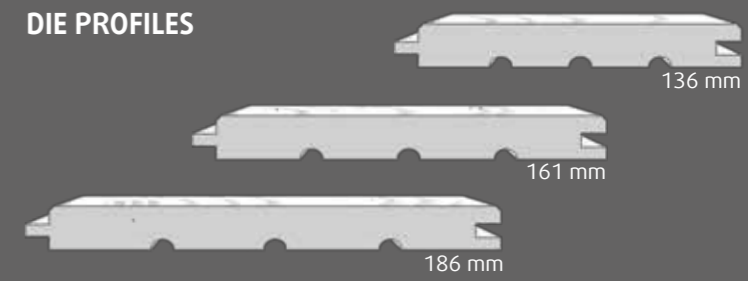
Our chopped surface is available in various widths, allowing you to select the right one for your individual needs.



Figures:
Thermally modified spruce, chopped, Neorustic
Dimensions: 19 x 136 mm, 19 x 161 mm, 19 x 186 mm
System length, tongue + groove all round



DIE PROFILES



All versions with head machining





SOLID-WOOD BOARDS

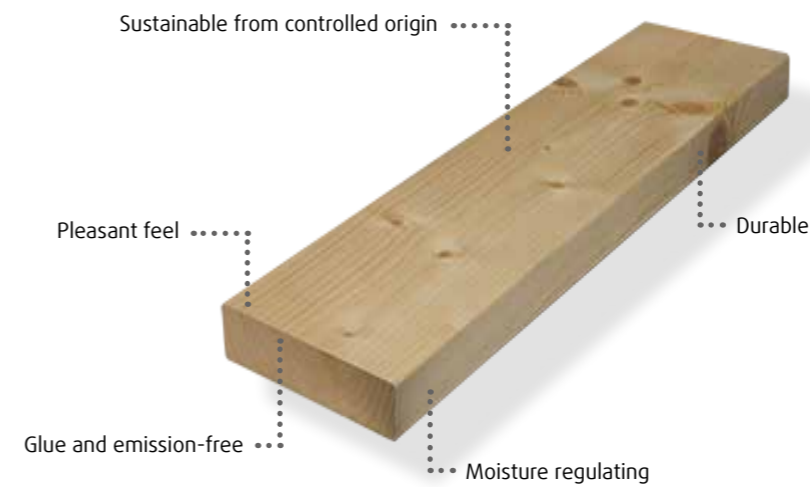
A wonder of nature

Solid-wood boards are and remain the natural classic among flooring. They are both durable and modern.

Solid-wood flooring provides a pleasant feel and an extra touch of cosiness. Enjoy the natural warmth and expressive play of colours that never gets boring and will enchant you in no time. Solid-wood boards give you the possibility of creating your own personal room concept. We also have the right material thicknesses for you for gallery flooring. Ask us, we are here for you!

Solid-wood boards are completely glue-free, as they are made from one piece of wood. At the same time, they regulate moisture and thus have a positive effect on the indoor atmosphere.

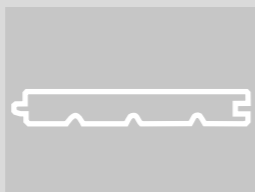
- Solid-wood boards
- > Nordic spruce
- > Nordic pine



2 versions also available oiled!



Wood type	Thickness (mm)	Width (mm)	Profile
Solid-wood boards			
Nordic spruce	21	146	MHD11
Nordic spruce	21	146	MHD11
Nordic spruce	27	146	MHD11
Nordic spruce	27	146	MHD11
Nordic pine	21	146	MHD11



Solid wood – skirting boards
 Please find out about the corresponding range of boards offered by our member company Kosche Holzwerkstoffe at: www.kosche.de





SOLID-WOOD BOARDS

Your place in the sun

Wood has always been a key part of decking construction. The naturalness and uniqueness of wood makes the decking a very special place. The correct assembly is usually simple and, by selecting the right wood and performing regular maintenance, there is nothing stopping your new sunny spot from being used for many years.

SMOOTH AND GROOVED PROFILES

häussermann offers a wide range of profiles. Grooved profiles are very popular. They create a more even look in the laying pattern, as naturally occurring irregularities in the wood are better compensated for in the surface finish.

To drain away the rainwater, a slight slope must always be planned into the decking as standard, which transports the rainwater away from the building. It makes no difference here whether the water is additionally guided away by a grooved profile. Please ensure good water drainage on and under your decking. Adequate ventilation of the terrace construction is also necessary to ensure a long service life.

THE RIGHT WOOD FOR YOUR DECKING

As decking is usually exposed to the weather without any protection, the durability class is crucial when selecting the wood. Alongside thermally modified pine, Douglas fir and larch should be mentioned here first. They offer the necessary durability. Thermally modified wood, such as our thermally modified ash, is also a real alternative.

FAST ASSEMBLY

Boards with grooves on the underside can also be fitted easily with the Qlick installation system. The boards are not screwed into place, but simply click in. The Qlick installation system includes an aluminium substructure, on which the Qlick rails are already pre-fitted.

THE BENEFITS ARE OBVIOUS HERE:

- › Pre-fitted fixings
- › Screw-free assembly
- › Quicker assembly
- › Harmonious and uniform joint pattern
- › Faster board removal and reinstallation



WOOD TYPES



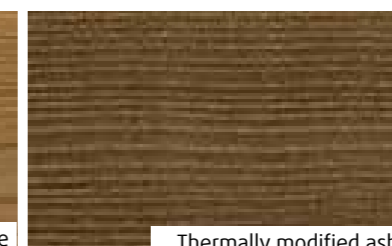
European larch



Douglas fir



Thermally modified pine



Thermally modified ash



Thermally modified poplar

DIMENSIONS

Our decking boards are also available in other dimensions and wood types as custom-made products for larger orders. Please ask us!

SOLID-WOOD DECKING

Invisible fixing with TENI®

The TENI® fixing clip for invisible fixing consists of a UV and weather-resistant POM plastic material, which is optimised for use outdoors and is approved for all häussermann thermally modified decking boards.

The TENI® fixing system offers fast installation without additional installation tools. Individual decking boards can be replaced at any time. Constructive wood protection is ensured by the 8 mm rear ventilation between the substructure and decking board, which is created by the clip.

Waterlogging also cannot occur in the grooves. In decking fitted with the TENI® installation clip, every board works for itself, no chain reactions can be created over the surface. The A2 universal screws supplied are suitable for softwood and hardwood substructures.



More information on installing or replacing the decking boards can be found at www.haeussermann.de in the section Products

SOLID-WOOD DECKING

Quick and easy assembly with LIGO N

The LIGO N decking connector system guarantees easy and fast assembly for side grooved decking boards.

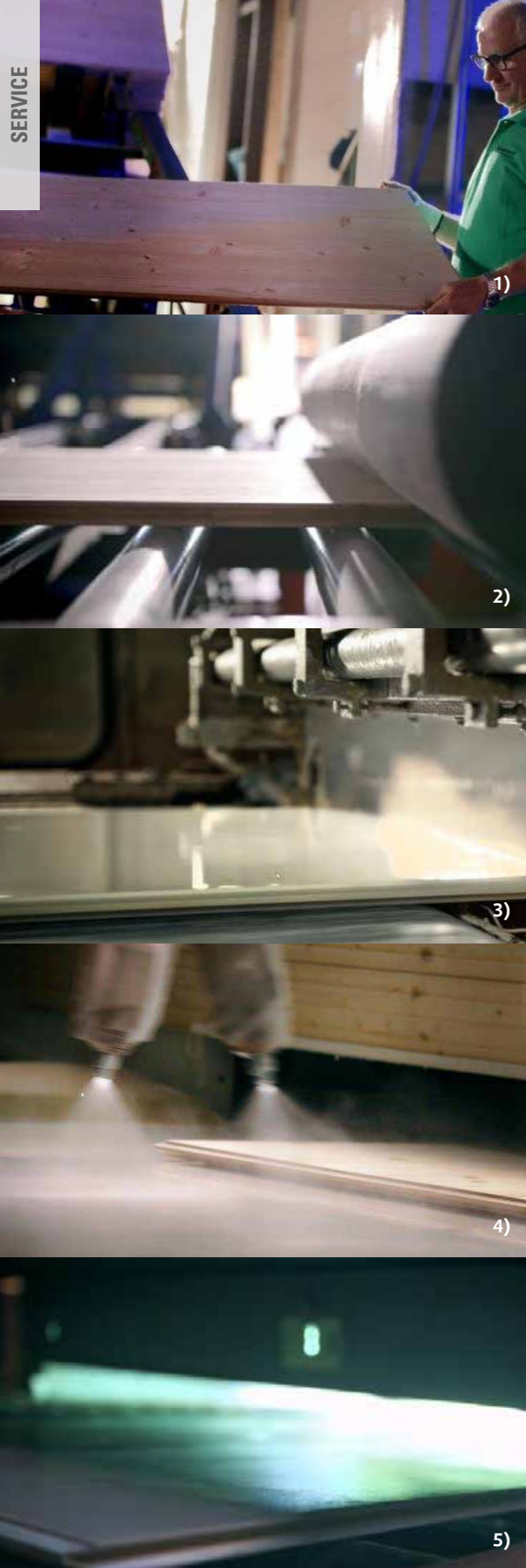
The spacer ensures optimum ventilation and prevents waterlogging between the decking and the substructure. The spring elements integrated into the spacer contribute to a secure connection, prevent noise generation and increase walking comfort. Specially shaped joint spacers between the individual boards allow assembly to progress quickly

and can allow for swelling of the decking. The joint spacers also allow the stainless steel grooved plates, which infinitely and automatically adjust to the board thicknesses and their groove position, to be attached quickly.



More information on installing or replacing the decking boards can be found at www.haeussermann.de in the section Products





YOU SUPPLY, we coat!

Thanks to our extensive technical capabilities, we also coat your wooden panels on a subcontracting basis. You provide us with your panels measuring up to 1.25 x 5.00 m and we apply the finish. You can choose between a wide range of coating types and colour systems. We will, of course, be happy to advise you!

- 1) Checking of the supplied wooden panels
- 2) Involvement in the production process
- 3)-4) Various coating types
- 5) UV drying

häussermann®

outdoors & indoors



01.2023

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