

INTERIOR



ADDING STYLE TO WALLS, CEILINGS AND FLOORS

Interior design using solid wood panels



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PRODUCT OVERVIEW



MOCOPINUS – THE PURE AESTHETICS OF WOOD

Wood: steeped in tradition, destined to last

Wood epitomises everything people desire in a natural building material. More than ever, its feel fascinates us – its touch, its radiance, its amazing technical properties, its outstanding contribution to our environment. When you decide in favour of a renewable material like wood, you also help reduce carbon emissions. Building with wood actively helps conserve valuable resources and look after our planet.

MOCOPINUS are one of Germany's leading planing mills and we're proud that we only use wood from sustainably managed forests. So it goes without saying that all of our wood comes with PEFC or FSC® certification. Also, our surface treatments (wood varnishes, greying glaze, interior wood paints, wax-based wood varnish) were awarded the Blue Angel eco-label by the Federal Environmental Agency, underscoring our respect for nature and the environment.

We know how important it is to be 100% sure when you buy a product and how important it is to know that a material can be relied on over time. So for us, adhering to all international building standards is an absolute given. MOCOPINUS were the first planing mill in Germany to implement all European standards applicable to timber products.

The processes we use to finish our solid wood cladding boards are particularly environmentally friendly. In fact, ecological considerations are central to all areas of production at MOCOPINUS, spanning all processes and operations. Accordingly, MOCOPINUS also became the first planing mill in Europe to gain EMAS certification for its documented environmental management procedures.

MADE IN GERMANY











WOOD - PROFILES - FINISHES

The perfect start to a perfect finish.

MOCOPINUS are known for looking at the broader picture – the entire system, from start to finish. To do this:

- we select wood with the ideal properties for any given application
- we carefully process each meticulously designed section of wood not just to look right, but also to function properly
- we use sophisticated processes to add the perfect finish

WOOD



Wood is a natural material, pure and highly valued – and at MOCOPINUS, it's central to everything we produce. All of the wood we use is sourced from sustainably managed forests, with a particular preference for slow-growth Nordic coniferous wood.

PROFILES



We offer cladding, panel sections and floor boards in a variety of shapes and sizes, with designs that add the ideal touch to walls, ceilings and floors, allowing you to achieve exactly the appearance you are looking for. Make walls look more expansive, or add dimension and shadows with subtle grooves between each board. Add a homely touch to an attic flat with thick timbers, or lay a floor using specially designed mezzanine boards. You have so many choices.

FINISH



All of our premium quality paints, varnishes and wood treatments are produced in-house to add exactly the right protection to the wood and ensure it really lasts and preserves its value. Even before boards leave the factory, they are treated with the required finish in the desired colour. This ensures that each and every board is totally finished and ready for immediate mounting.

Quality you can see, feel and sense. For samples of our woods, profiles and colours, go to www.mocopinus.com







TIMBERS WITH THEIR OWN PERSONALITY

A unique character, carved by the hand of nature



NORDIC SPRUCE

Nordic spruce has an appealing appearance, typically characterised by tightly grown knots. A light wood, spruce has clear structures with a fine grain. It's also a joy to work with, which is probably why it's so popular. That's why this popular type of wood is used in many of the products we treat in our factory and is perfect for a wide variety of interior applications.



NORDIC PINE

Nordic pine is golden yellow to reddish brown in appearance with larger knots than spruce, an effect that immediately greets the eye with its appealing colours and contours. Pine is one of the moderately hard coniferous timbers and is thus ideal for walls and ceilings, but also floors.



OAK

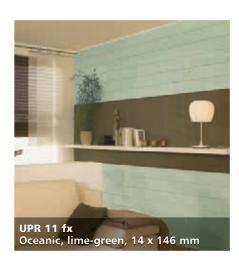
Oakwood is typically greyish yellow to light brown in appearance and is a highly valued timber with clearly visible growth rings and robust, uniform contours. Oak is an extremely hard wood that can be subjected to a lot of wear and tear and stands up to the elements. As a result, it has been used for solid wood floors for centuries.



SIBERIAN LARCH

Siberian larch is well known for its reddish brown core and golden white sap, an effect that allows you to play with colours and adds a touch of adventure to any room. Larch is a slow grower and its tight rings and outstanding hardness mean that it is ideal for floors.









PROFILES

CLADDING BOARDS FOR WALLS AND CEILINGS

Something for everyone - and every need

UPR, HNF Clear contours that fit in with any interior design **UPR** (U-Profile) **HNF** (Tongue + Groove) Our UPR and HNF profiles are some of the strongest and widest panelling sections in the MOCOPINUS range of wall cladding. As such, they are particularly well suited to attics. Unlike the UPR profile, HNF sections come with a tongue and groove system and not the U-joint. RPR, APR, LHA Traditional panels with clear shadow grooves RPR (Softline) APR (Standard) **LHA** (Country House) Once mounted, these panel sections deliver an appealing shadow groove to add a distinct character to your walls and ceilings. The edges of the RPR profile have been generously rounded whereas the APR sections come with angled edges. The contoured grain of these country house panels also add an attractive highlight. **FAS** Panels that really make surfaces look more spacious FAS (Chamfer) The edges of the FAS panel sections are slightly chamfered. This provides a clear transition to neighbouring boards without shadows along

the grooves between each section, resulting in a calm, almost uniform

surface.



SURFACES: THE CROWNING GLORY OF ANY TIMBER

The best nature has to offer - prepared professionally

The MOCOPINUS range offers a variety of interesting ways to mix and match surface contours and treatments to achieve the individual design you desire and add a personal touch to a room.

PREMIUM		Products
STRUCTURE & COLOUR	The variety of structured surfaces of our premium products improve bonding to coatings. This provides ideal grip for paints, wax varnishes and wax-based wood varnishes. Each section has been fully finished at the planing mill to provide the best possible all-round protection.	Oceanic ¹¹ Antarctica ¹⁰ Norcapp ¹¹⁰ Norantic ¹¹⁰ Decorcapp ¹¹
X-TRA		Products
SMOOTH & COLOUR	Sections have been pre-treated in the factory with a special wax-based wood varnish so that they can be mounted immediately without further treatment. The boards have been planed to provide an absolutely level and smooth surface, making it particularly easy for you to look after them.	Decorplan ¹¹
SPECIAL		Products
STRUCTURE & WARMTH	Wood panels have been heat-treated to add protection and strength so there is no need to add a coat of paint or varnish. Heat-treated wood panels come with a roughened or contoured surface.	Thermocapp Thermoantic

CLASSIC **Products**

NATURAL – JUST AS NATURE INTENDED

You can also order many of our wall and ceiling panels without previous treatment or finishes. Our Nordic spruce range comes in a particularly large number of varieties. To preserve the attractive properties of wood, we recommend adding a coat of protective wood varnish or paint.

Picea

Piceatec

Piceax Piceon

Pinus





All colours offered in our MOCOPINUS professional lines can be ordered at

www.mocopinus.com

ONLINE SHOP

Oceanic¹¹ STANDARD COLOURS

					1 1 30
I-0007	I-2264	l-2261	I-2260	I-1473	I-2257
pure white	linen	chocolate	lime-green	grey	mole

PREMIUM Oceanic¹¹

That mellow Mediterranean moment

The fine-sawn finish of these panel sections makes it particularly easy for the surface to absorb paint and varnish. The deliberately irregular appearance and range of colours add a fresh and summery air of relaxation to any room, with a hint of Mediterranean savoir vivre. The Oceanic¹¹ line of panel sections is in tune with the very latest trends and is typically used to cover walls and ceilings. By adding your own finish with MOCOPINUS wood coating, you can also enhance the boards' resistance to light and extend the durability of the hues and colours.

PREMIUM

Oceanic¹¹ (Coating: 1x coat of paint, base filter)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
UPR 11 fx fine-sawn	Nordic Spruce	14	146	132	2,65	•	all standard colours
		22	195	181	2,65/4,75	•	I-0007 pure white
							I-2264 linen
							I-2257 mole

*if available



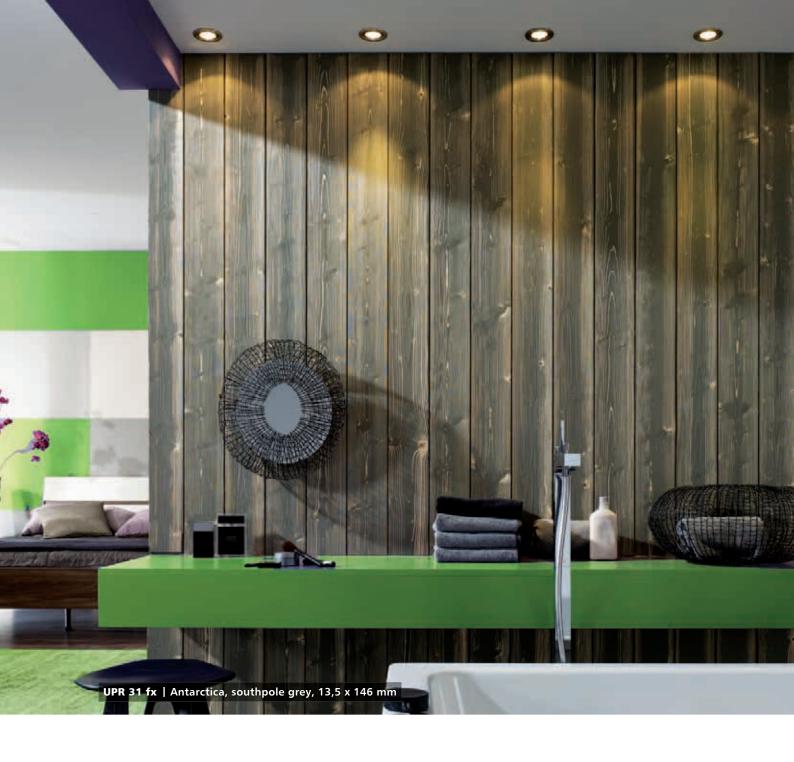




UPR 11 fx Oceanic, linen, 14 x 146 mm

UPR 11 fx Oceanic, mole, 14 x 146 mm

UPR 11 fx Oceanic, grey 14 x 146 mm



Antarctica¹⁰ STANDARD COLOURS

W-1980 W-1972 iceberg white moonlight

W-2025 glacier blue



W-2058 southpole grey W-1971 spruce green

PREMIUM Antarctica¹⁰

A traditional look with Nordic flair

Our solid wood Antarctica¹⁰ panels have been a popular line for years thanks to select materials which deliver excellent durability from woods that 'mature with dignity'. The countered and carved surfaces have been partially coated with a transparent wax-based wood varnish to open the pores and create an excellent finish that feels silky-smooth and velvety.

A variety of fashionable colours underscore the impression that the beauty of the wood has been naturally enhanced by ageing and the raw wind of the Antarctic. They add a unique charm to your room and lend an unmistakable air of adventure.

PREMIUM

Antarctica¹⁰ (Coating: 1x coat of paint, without addition)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
UPR 31 fx structured + carved	Nordic Spruce	13,5	146	132	2,50	•	all standard colours

*if available





UPR 31 fx Antarctica, glacier blue + spruce green, 13.5 x 146 mm

UPR 31 fx Antarctica, moonlight, 13,5 x 146 mm





Quality you can see, feel and sense. For samples of our woods, profiles and colours, go to

www.mocopinus.com

SAMPLES

Norcapp¹¹⁰ STANDARD COLOURS



Norantic¹¹⁰ STANDARD COLOURS



PREMIUM Norcapp¹¹⁰/Norantic¹¹⁰

That familiar and natural stained look

Norcapp¹¹⁰ and Norantic¹¹⁰ have been pre-stained with a wax treatment resulting in an intriguing quality that captures the imagine with its brushed or roughened surface. The stained look helps bring out the contrast of the natural timber which places greater emphasis on the grain.

To enhance this effect, MOCOPINUS treat the surface of Norcapp¹¹⁰ panel sections a second time to really pull out the delicate structures of the timber, which makes each contour more vivid. The roughened surface of the Norantic¹¹⁰ model lends an air of rusticity to a room. In fact, this finishing technique has been used by carpenters for centuries to rough-hew beams. Subtle, warm grey and brown hues add a natural touch to every room and underscore the original look and feel of each timber in an atmosphere reminiscent of a welcoming home in the tundra. To preserve the appearance of each element, the screws should be concealed during mounting.

PREMIUM

Norcapp¹¹⁰ (Coating: 1x top coat, 1x base coat without addition)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
FAS 21 fe structured	Nordic Spruce	21	195	181	2,65/4,75	•	Norcapp standard colours

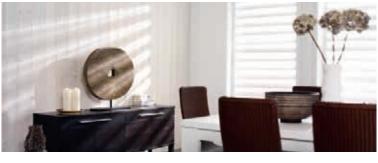
PREMIUM

Norantic¹¹⁰ (Coating: 1x top coat, 1x base coat without addition)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
FAS 41 fe roughened	Nordic Spruce	21	195	181	2,65	•	Norantic standard colours

*if available





FAS 21 fe

Norcapp, iceberg white, 21 x 195 mm

The Norcapp and Norantic models add a unique character to a room, mounted horizontally or vertically



Decorcapp¹¹ STANDARD COLOURS



W-2393 intense white

Decorplan¹¹ STANDARD COLOURS







W-2421 edelweiss

PREMIUM Decorcapp¹¹ X-TRA Decorplan¹¹

A collection of colours for the creative

Finished with a transparent wax-based wood varnish, the Decorplan¹¹ and Decorcapp¹¹ panel sections are the epitome of modern living. The smoothly planed, uniform surfaces of Decorplan¹¹ sections are easy to look after and come in a variety of different formats. The Decorcapp¹¹ profile is ideal for adding an element of surprise and intriguing contours.

Thanks to a selection of light and appealing colours, you have at your fingertips a variety of creative options for designing your walls and ceilings. Each pattern comes in a number of colours to combine sections individually. For example, you might feel like using boards of different sizes or laying panels in different directions. Whatever your choice, each room is given an entirely unique touch.

PREMIUM

Decorcapp¹¹ (Coating: 1x coat of paint, base filter)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
FAS 21 structured (Chamfer)	Nordic Spruce	13,5	145	135	2,50/3,85	• W-239	3 intense white

X-TRA

Decorplan¹¹ (Coating: 1x coat of paint)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
UPR 01 fx planed (U-Profile)	Nordic Pine	13,5	146	132	2,65	• W-00	000 colourless
UPR 03 fx planed (U-Profile)	Nordic Spruce	13,5	146	132	2,35	• W-23	393 intense white

Decorplan¹¹ (Coating: 1x coat of paint, base filter)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths End in m* profili	Colour ing
					·	
RPR 00 planed	Nordic Spruce	13,5	121	111	3,00-5,40	
		13,5	146	136	3,00-5,40	W-0000 colourless W-2421 edelweiss
		18,5	146	136	3,00-5,40	W 2421 EdelWeiss
RPR 02 planed	Nordic Spruce	13,5	121	111	2,35	W-0000 colourless W-2421 edelweiss
RPR 00 u5 fk planed	Nordic Spruce	15,5	121	113	3,00-5,40	W-239 intense white W-0008 light white
LHA 00 planed	Nordic Spruce	13,5	146	136	3,30/4,50/5,10	W-0000 colourless
FAS 00 planed	Nordic Spruce	13,5	120	110	3,00-5,40	W-2393 intense white
i A3 00 planed	Wordie Sprace	13,5	145	135	3,00/3,90-5,10	W-0000 colourless
						W-2393 intense white
		13,5	145	135	3,00-5,40	W-2421 edelweiss
		18,5	145	135	3,00-5,40	W-0000 colourless
						W-2421 edelweiss
FAS 01 planed	Nordic Spruce	13,5	145	135	2,50/4,75	W-2393 intense white
FAS 02 planed	Nordic Spruce	12	96	88	2,65	W-0000 colourless W-2421 edelweiss
		13,5	120	110	2,35	W-0000 colourless W-2393 intense white

*if available





- SURFACES -







UPR 02 fx Decorplan, intense white, 13,5 x 121 mm

RPR 00Decorplan, 13,5 x 121 mm







SPECIAL Thermocapp/Thermoantic

Solid wood with an age-old aura

MOCOPINUS solid wood sections have been specially heat-treated, are less prone to shrinkage or swelling and provide extremely durable panels. After heat treatment, Nordic spruce becomes slightly darker, without losing the natural character of the timber – in fact, if anything this character is actually underscored.

With Thermocapp and Thermoantic, the moisture retained by the wood is no more than 8%. The ageing look of the wood creates a pleasant atmosphere and the contoured surfaces of the Thermocapp profile highlight the appearance of knots. Sections in the Thermoantic range have been roughened to create surfaces with a 'country look' and add a cosy atmosphere to your room.

SPECIAL

Thermocapp

_	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Surface treatment
HNF 21 fk structured	Nordic Spruce	20,5	143	136	4,15/5,05	•	
		20,5	167	160	4,15/4,45/4,75/5	05 •	heat-treated
		20,5	192	185	4,15/4,45/4,75/5	05 •	
		20,5	239	232	4,15/4,45/4,75/5,	05 •	

SPECIAL

Thermoantic

_	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profilng	Surface treatment
HNF 41 fk roughened	d Nordic Spruce	20,5 20,5	167 192	160 185	4,15/4,45/4,75 4,15/4,45/4,75	• <	heat-treated
		20,5	239	232	4,15/4,45/4,75	•	

*if available





HNF 41 fk Thermoantic, 20,5 x 239 mm

Nordic spruce results in particularly robust boards which we heat-treat to provide a unique starting point for any room and an unmistakably harmonious atmosphere



CLASSIC

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Wood and Structure
UPR 01 fx planed	Nordic Spruce	13,5	146	132	2,65	•	Picea
	Nordic Pine	13,5	146	132	2,35-3,85	•	Pinus
UDD 44.5 C	N. F. C	4.4	4.46	422	2.65	_	D.
UPR 11 fx fine-sawn	Nordic Spruce	14 22	146 195	132 181	2,65	•	Piceon
		22	195	101	2,65/4,75	_	
APR 00 planed	Nordic Spruce	12	96	88	3,00-5,10		Picea

CLASSIC

Natural and untreated – open to your ideas

Walls and ceilings that have been covered with wooden panels create a pleasant, warm atmosphere that instantly makes you feel at home. You can order MOCOPINUS solid wood profiles without any prior treatment – not only in a variety of wood types, but also with different surface qualities. Use natural, untreated boards as the starting point for your individually designed rooms, ideally with a protective coat of paint or varnish.

CLASSIC

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Wood and Structure
RPR 00 planed	Nordic Spruce	13,5 13,5	121 146	111 136	3,00-5,40 3,00/3,60/4,2	20/5,10	Picea
RPR 00 fe planed	Nordic Spruce	14	96	86	2,70/4,20		Picea
RPR 00 u5 fk planed	Nordic Spruce	15,5	121	113	3,00-5,10		Picea
LHA 00 planed	Nordic Spruce	13,5	146	136	3,30/4,50/5,1	10	Picea
FAS 00 planed	Nordic Spruce	13,5 18,5	145 121	135 111	3,00-5,40 3,00-5,40		Picea
FAS 02 planed	Nordic Spruce	12 13,5	96 120	88 110	2,65 2,35	•	Picea
FAS 21 structured	Nordic Spruce	13,5	145	135	2,50/3,85	•	Piceatec
FAS 41 fe roughened	Nordic Spruce	21	195	181	2,65	•	Piceax

FITTING ADVICE FOR WALLS AND CEILINGS

Building on experience – an accomplished assembly

With a little DIY experience, solid wood panels are easy to mount and position exactly as required. You will not require special equipment; a few standard tools should be all that's needed to saw, drill and insert screws.

To allow the wood to acclimatise before fitting, you should remove all protective packaging and simply leave the boards in a stack for several days. It is important that this is the room they will be used in, that the room is dry and that there is no residual humidity from building work. To prevent warping, wrap masking tape around the sections at both ends and the middle. If the grain or shade of the boards is important, you might want to sort and group boards before fitting.

If you would like to treat the wood sections, treatment should be applied to all sides before fitting. This is because cladding materials may shrink after fitting and untreated areas may become exposed on ceilings and walls.

To treat your boards, we always recommend using the premium quality Profi range of MOCOPINUS products, partly because these are also used in the factory in a highly advanced finishing process. These finishing products can also be used to treat edges and joints. Our water-based paints and coatings are porous and retain their elasticity. They are currently available in pots of 0,75l and 2,5l, or, if required, in 10kg or 25kg tubs. More information on all items is available through our online shop, where you can also place orders.

FITTING ADVISE



01 Before fixing our solid wood panels to the ceiling, a batten substructure should be mounted and secured tightly. Uneven areas should be levelled using wedges. The distance between individual battens should be no more than 50 to 60cm.



02 In damp rooms, it's important to ensure air can circulate in all directions below the cladding by adding counter-battens at 90°. Please note that the direction the sections are laid in will change if you add counter-battens.



03 The first board should be attached to the substructure using steel pins. Ensure the edge with the tongue points to the wall and that the alignment is exact. The shadow joint should be between 10 and 15mm.

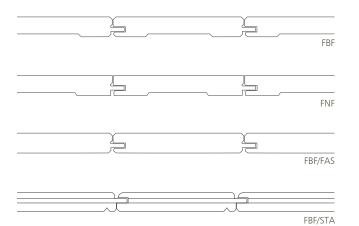


04 The tongue on the next board is now slotted into the groove of the first section. Carefully tap the board into place along the entire length (use a soft cut-off to prevent damage) and ensure all sections are parallel. After the first board is in place, all other boards are fixed to the substructure battens using assembly brackets.



05 The section laid along the final edge of the ceiling should be trimmed to leave a gap to the wall of 10 to 15mm. This can be concealed with a skirting element. To browse the entire MOCOPINUS range, turn to page 51. These fitting instructions are based on years of experience. No claims can be made based on any recommendations made in this publication.





Solid wood floors instantly create a feeling of warmth and comfort in a room. They are also good for the environment and a wise investment for generations to come. Every floor board is unique and a reflection of pure nature.

The FBF/FAS and FBF/STA models have a different appearance on both sides.

PROFILES

SOLID WOOD FLOORING

Natural beauty - with or without a coating

A solid wood floor from MOCOPINUS has its own character and a special appearance that lends a warm, comforting air to any room. Every board has its own individual appearance – after all, it is a unique product of nature. Solid wood floorboards can be sanded down time and again, so they are the ideal long-term flooring solution. Not only are they hardwearing, many wood floors last for decades, if not centuries. Solid wood floors also help regulate room humidity and because they 'give' slightly underfoot, they are gentle on the feet and ankles. The sections used in solid wood floors also have an attractive underside, so either surface can be laid upwards, offering a particularly unique option for laying a wood floor on a mezzanine level or a gallery.

X-TRA

SMOOTH AND PROTECTED

We seal the floorboards with a special colourless coating to ensure your flooring benefits from the best possible protection. All sections have been finished to perfection and are ready to lay. You will be amazed at the durability of the surfaces.

Modiplan¹²⁰

Products

CLASSIC

JUST AS NATURE INTENDED All of our spruce, pine, oak and larch flooring sections are available in their natural state and have not been pre-treated. To ensure they retain their unique qualities, we recommend treatment with a hard-wax oil.

Picea Pinus

To see the system behind the MOCOPINUS product names, turn to page 44

Products







A natural look and feel combined with timeless elegance, ease of care and durability. A solid wood floor allows you to add an incomparable highlight to a room, combined with all the comforts of a modern surface.

X-TRA Modiplan¹²⁰

Real wood – sealed to perfection

Our fully finished Modiplan¹²⁰ flooring comes with a transparent coating and is ideal if you're looking for a real wood floor and place emphasis on a surface with maximum protection. We seal floor-boards once with an enamel and twice with a primer before they leave the factory. This is to maximise durability and ensure each section really lasts. The special parquet finish we use is hardened by ultraviolet light, providing excellent protection from moisture, dirt and scratching. When this finish is used on planed floorboards made from Nordic spruce and Nordic pine, it also adds an appealing satin matt appearance. The water-based coating we apply only contains a low level of solvents so it is particularly gentle on the environment and, of course, our customers' health.

X-TRA

Modiplan¹²⁰ (Coating: 1x top coat + 2x base coat without addition)

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Colour
FBF 00 planed	Nordic Spruce	21	144	137	3,00/3,60/4,20/ 4,80/5,40		T-0000 colourless
	Nordic Pine	21	144	137	available upon request		T-0000 colourless
FBF 02 planed	Nordic Spruce Nordic Pine	21 21	144 144	137 137	2,35 2,05	•	T-0000 colourless T-0000 colourless

*if available



CLASSIC

A natural finish that looks good and feels good underfoot

When you lay a solid wood floor that has had no pre-treatment and is in its natural condition, you not only show that you're thinking in the long term, you also improve the quality and comfort of a room. MOCOPINUS solid wood floors enhance the atmosphere of the buildings they are laid in, adding an air of distinction, tradition and perpetuity. A wood floor only conducts low amounts of thermal energy so it always feels warmer underfoot, with a direct impact on the pleasant atmosphere and room temperature.

Other floorboards in our range: pages 50/51

CLASSIC

	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	Lengths in m*	End profiling	Wood and Structure
FBF 00 planed	Nordic Spruce	21	144	137	3,00/3,60/4,2	20/4,80/5,10) Picea
		27	144	137	3,90-5,10		
	Nordic Pine	27	144	137	3,90-5,10		Pinus
FBF 02 planed	Nordic Pine	21	144	137	2,05	•	Pinus
FNF 00 planed	Nordic Spruce	18	144	137	4,50/5,10		Picea
22.11		27	144	137	3,00/4,20/4,50/4,80/5,10)
FBF/FAS 00 planed	Nordic Spruce	25,5	144	137	3,00/3,60/4,2	0-5,10	Picea
FBF/FAS 01 planed	Nordic Spruce	20	94	87	3,55/4,15	•	Picea
		20	144	137	3,55/4,15	•	
		25,5	94	87	4,15	•	
		25,5	144	137	3,55/4,45	•	
FBF/STA 01 planed	Nordic Spruce	20	94	87	4,15	•	Picea

FITTING INSTRUCTIONS FOR WOOD FLOORBOARDS

A job well done – for future generations

If flooring sections have received no prior treatment – so they're in their natural condition – we still recommend treating them with an oil or wax coating. Whatever you treat your floorboards with, avoid adhesive agents to prevent fracturing during drying. Once sections have been laid, you may also want to sand them down (never working across the grain) and oil and wax them again.

Few flooring materials are as easy to look after as solid wood floorboards. As a rule, you only need a broom, mop or a vacuum cleaner to keep them clean. If boards do get heavily soiled, dirt should only be removed with a slightly damp cloth. The real beauty of a wood floor develops with age, as you'll probably have noticed if you've visited a country mansion – classic wooden floors convey character and an air of majesty. If you prefer not to see the wear and tear that is normal for a genuine wood floor, solid floorboards can be sanded down – time and again. Afterwards, simply add a coat of MOCOPINUS hard-wax oil again.

It is important that the room where the floor is going to be laid is sufficiently dry and heated. Thought should also be given to any sources of residual dampness in a building as moisture must not be allowed to work its way into the floorboards. If there is a risk of rising damp (especially if a floor is solid or there is no cellar), a moisture barrier will be needed. This is typically a sheet 0.3 or 0.5mm thick which should be laid so that edges have seamless lateral joins, either through thermo-setting adhesion or by carefully overlapping layers. PVC film should be no thinner than 0.5mm. Boards that have been specially dried normally have a moisture retention level of 10%, give or take 2%. The moisture content of the substructure battens should be the same as the planed floorboards.

Floorboards on reinforced concrete slab boards cavity insulation substructure

Floorboards on reinforced concrete slab

FITTING ADVICE

Laying sections step by step



01 The substructure grid beams (approx. 45 x 70mm) should be laid straight onto the floor, or with sound insulation strips as an underlay. Ensure that the edge of the floorboard is resting on the moisture barrier, film or grid beams underneath. The substructure grid beams should be no more than 50cm apart. The spaces should be filled with insulation. The first row should be laid with the grooves facing the wall. Insert wedge spacers to leave a gap between the flooring and the wall (approx. 10mm). Fix the first section next to the wall by screwing it down from above. Do this along the edge away from the wall by screwing at an angle through the tongue.



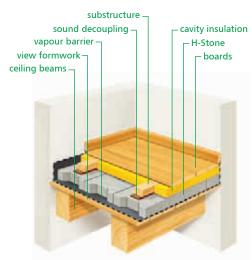
02 Start each of the following rows along the edge of the previous section. Carefully tap each floorboard into place (e.g., use a soft cut-off to prevent damage). The final section should be trimmed to leave a gap to the wall of approximately 10mm. This row should also be screwed in place from above, with the screw heads visible. Don't forget to remove the wedge spacers!



03 The gap between the flooring and the wall can now be concealed, as can the screws.

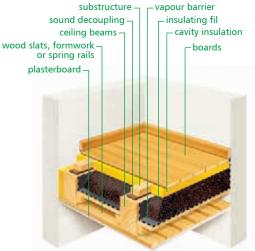
These fitting instructions are based on years of experience. No claims can be made based on any recommendations made in this publication.

Floorboards on wooden beam ceiling 1



Floorboards on wooden beam ceiling – opportunity 1

Floorboards on wooden beam ceiling 2



Floorboards on wooden beam ceiling – opportunity 2

ADDING COLOUR TO YOUR WOOD

Premium quality wood finishes – all developed in-house

Our MOCOPINUS surface finishes are the result of painstakingly detailed research and a wealth of in-house experience. Each wood finish helps you preserve the beauty of sections and retain their natural touch and feel. It also safeguards the performance and function of each board for years to come.

To provide you with such high quality, MOCOPINUS have their very own specialist laboratories. It's here that we mix and match different ingredients to come up with paints and varnishes that add the ideal finish to all kinds of solid wood sections. Our finishes also provide all-round, long-lasting protection against the elements. To develop these outstanding products and provide you with just the right solution you need for your external cladding, we draw on a strong track record in timber processing.

All of our wood finishes are water-based, elastic and porous, not only to ensure they are environmentally friendly, but also to allow timbers to breathe and retain their natural ability to regulate moisture. Each coat is applied precisely, effectively and without waste, using advanced industrial processes perfected over many years. This allows us to offer you a range of premium quality boards that were produced with the environment in mind – sections that are ready to mount, in a variety of colourless, transparent and solid finishes, for an even broader scope of design options.



All colours offered in our MOCOPINUS professional lines can be ordered at www.mocopinus.com

ONLINE SHOP



Apart from their outstanding functional properties, our finishes are easy to use and apply











All of our wood finishes were developed and tested for professional use and can be ordered through our online shop

www.mocopinus.com.
This allows you to use
the same system to
complete edges after
mounting and finish
other areas.





All colours offered in our MOCOPINUS professional lines can be ordered at www.mocopinus.com

ONLINE SHOP

ANY COLOUR YOU FANCY

Apart from offering a complete range of standard colours, we also give you the chance to order MOCOPINUS paints in colours not currently included in the range. For volumes of 25kg or more, we would be pleased to mix any RAL colour you desire.



MOCOPINUS WOOD PAINTS

Finishes for external use in original manufacturer quality

MOCOPINUS premium quality wood finishes were originally designed for professionals. Now, using a sophisticated wood treatment process, we also apply these premium paints to timbers destined for non-commercial use. Naturally, you can also use these finishes on untreated wood for your own purposes, or to treat edges and joints. Actually, we recommend this anyway because without proper protection, cuts and sawn ends will be exposed to the elements. Indeed, it makes sense to seal exposed areas with two coats of paint. Our water-based paints and varnishes are porous and retain their elasticity. They are currently available in pots of 0,75l and 2,5l, or if required in 10kg or 25kg tubs. More information on all items is available through our online shop, where you can also place orders.



WOOD PAINT

covering – coloured Semi-gloss and open-pored. Protects the wood from UV radiation. Excellent colour fastness



WAX-BASED WOOD VARNISH

colourless or transparentcoloured

Velvety surface. Semi-gloss and open-pored. Water and dirt resistant.







The right finish in any area you like. MOCOPINUS paints and varnishes are not just an excellent choice for external cladding. We also have plenty of outstanding products for walls, ceilings and timbers used in the garden.

CRAFTED WITH PASSION

Our production and processing methods

Solid MOCOPINUS profiles are not just known for the natural look and feel of the timber, but also the results of our highly advanced processing methods and the many years of experience that go into each material. Our quality assurance processes have been fine-tuned and adjusted over time to provide you with products that not only function as they should, but are also ideal for all kinds of applications.



Perfectly planed surfaces: precisely set planing knives, made with a special type of steel, rotate on carefully adjusted rolls to ensure each surface is even and smooth and is finished with exactly the right profile.



Structured surfaces: once the foundation has been laid with a carefully planed surface, each board is processed intensively with several brushes. As softwoods such as spruce have soft or hard growth rings, each reacts differently to brushing. The surface is thus rippled, often with a marked profile.



Fine-sawing and brushing: a high-precision band saw is used to separate off each plank of wood, leaving a rough surface. After an intricate process of repeated brushing, all loose wooden fibres are removed to deliver a finish of fine quality. The finely sawn, carefully brushed surface provides an ideal foundation for painting and varnishing.



Finger-jointing: after a standard procedure for producing long, robust, unstressed planks – without timber flaws such as loose knots, long splits, or resin pockets – wedge-shaped fingers are grooved lengthways along the edges of matching sections. These are then dovetailed to perfection with watertight adhesion for ultimate strength and a smooth appearance.



End profiling: if the joins (tongues and grooves) are not just added along the long edge of sections but also along the top and bottom edges (i.e., all the way round), we call this end profiling. The advantage with end profiling is that boards can be joined up ad infinitum.

Thinning when adding paint or varnish can result in insufficient coverage and poor protection. To prevent this, MOCOPINUS round the edges of many of their cladding sections – just a sensible precaution.









Precisely defined dimensions and standard procedures are a given at MOCOPINUS to safeguard the reliably high quality of our solid wood cladding materials. Sometimes the tiniest of deviations can have a major impact on the quality of a product. We believe that every millimetre of accuracy is a direct reflection of our expertise.

THE SYSTEM WE USE FOR OUR PRODUCT NAMES

Standards that spell safety

MOCOPINUS were the first planing mill in Germany to implement all European standards for its timber products. The structure and naming of our range is based on a clear convention that is easy to follow. Products have uniform descriptions that are valid throughout Europe, making the range as transparent as possible and defining the features of each product.

Surface finish

(number 1 in the code after the profile name)

0 = planed 1 = fine-sawn

2 = structured

3 = structured + carved

4 = roughened 5 = rough sawn 8 = sanded

End profiling

(number 2 in the code after the profile name)

0 = without end profiling
1 = end profiling butt joint
2 = end profiling chamfer
3 = end profiling U-joint

Profile additional information

dn double groove profile

d centre profile
fe long tongue
fk short tongue
fx clamp installation
gl bonded wood

gr/ge frontside ribbed surface / backside planed surface

gr/gr both sides ribbed surface

gr/gn frontside ribbed surface / backside grooved surface

hf profile with rear addition

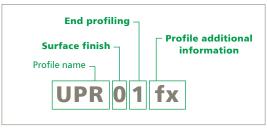
n backside groove

rh/rh both sides ribbed surface + fillet

st frontside profile rod uk intergrated substructure u5 shadow gap 5mm

vf staggered tongue + groove

Example for the classification of the profiles



PREMIUM, X-TRA, SPECIAL

(interior and floors with treatment)

Surface	Syllable (suffix)
planed fine-sawn structured structured & carved	-plan -ic -capp -ica -antic
roughened	-antic

CLASSIC

(all applications without any treatment)

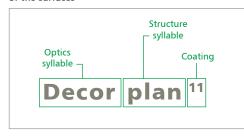
Surface	Syllable (suffix)					
planed	-					
fine-sawn	-on					
structured	-tec					
roughened	-ax					
sanded	-tras					

Information about the coating of the finished products can be found directly from the product names in the form of an exponent

Coating No. 10 = $1 \times 1 \times 10^{-5}$ = $1 \times 10^$

Coating No. 110 = $1 \times 100 = 1 \times 10$

Example for the classification of the product names of the surfaces





WOOD: DESIGNED BY NATURE

A gift but also a responsibility

Nordic coniferous wood

A major proportion of the timber processed by MOCOPINUS comes from northern Europe, where the long, cold winters result in extremely slow growth. This is good for the density of the timber and as a result, the wood is naturally strong and retains its shape.



PEFC certification

The PEFC programme (Programme for the Endorsement of Forest Certification) offers official certification for forestry operations. This confirms that an organisation is managing the forest properly and that raw materials – i.e., timbers – are being treated as naturally as possible and sustainably. Downstream operators in the timber supply chain, which include MOCOPINUS, can gain PEFC Chain of Custody (CoC) certification as proof that they procure raw materials from such forests.



FSC® certification

The Forest Stewardship Council® (FSC®) is an international, not-for-profit organisation that offers a seal of approval with the aim of making environmental and socially responsible forest management more visible on product packaging. FSC® CoC certification is proof and confirmation of the sustainable sourcing of raw materials.

LOOK OUT FOR FSC®-CERTIFIED PRODUCTS



EMAS - EC eco-auditing

EMAS (Eco-Management and Audit Scheme) denotes a voluntary commitment made by companies and organisations to continuously improve and monitor environmental protection within the company. Companies involved in EMAS undertake to issue an environmental statement as part of an annual internal auditing process. In this statement, they define precisely the work they are undertaking with respect to environmental protection and present data such as their use of resources, energy use, emissions and waste. The overall aim is to reduce their consumption of materials and resources.



The Blue Angel ('Der Blaue Engel')

Originally from Germany, The Blue Angel was the world's first environmental endorsement scheme and it still makes an important contribution to accelerating structural changes in the economy and fostering sustainable development. It sends a clear signal to consumers: products bearing The Blue Angel adhere to the best possible environmental principles.

Profiles for walls & ceilings							_
	Type of Wood	Thickness	Width	Coverage	Lengths	End	Surface treatment
		in mm	in mm	in mm	in m*	profiling	
		/////////////	////////	(//////////////////////////////////////	///////////////////////////////////////		
UPR							
UPR 01 fx planed	Nordic Spruce	13,5	146	132	2,65	•	CLASSIC – Picea
end profiling butt joint, clamp installation	Nordic Pine	13,5	146	132	2,35-3,85	•	CLASSIC – Pinus
Claimp installation		13,5	146	132	2,65	•	X-TRA – Decorplan ¹¹
UPR 03 fx planed end profiling U-joint, clamp installation	Nordic Spruce	13,5	146	132	2,35	•	X-TRA – Decorplan ¹¹
UPR 11 fx fine-sawn	Nordic Spruce	14	146	132	2,65	•	CLASSIC – Piceon
end profiling butt joint,	Nordic Spruce	22	195	181	2,65/4,75	<	PREMIUM – Oceanic ¹¹
clamp installation		22	155	101	2,03/4,73	•	TREMION OCCURRE
UPR 31 fx structured + carved end profiling butt joint, clamp installation	Nordic Spruce	13,5	146	132	2,50	•	PREMIUM – Antarctica ¹⁰
HNF 21 fk structured end profiling butt joint, short tongue HNF 41 fk roughened end profiling butt joint, short tongue	Nordic Spruce, heat-treated Nordic Spruce, heat-treated	20,5 20,5 20,5 20,5 20,5 20,5 20,5	143 167 192 239 167 192 239	185 4,15, 232 4,15, 160 4,15,	/4,45/4,75/5,0 /4,45/4,75/5,0 /4,45/4,75/5,0 /4,45/4,75 /4,45/4,75	5	SPECIAL – Thermocapp SPECIAL – Thermoantic
RPR							
RPR 00 planed	Nordic Spruce	13,5	121	111	3,00-5,40	(CLASSIC – Picea
		13,5	146	136	3,00-5,40		X-TRA – Decorplan ¹¹
		18,5	146	136	3,00-5,40		X-TRA – Decorplan ¹¹
RPR 00 fe planed long tongue	Nordic Spruce	14	96	86	2,70/4,20		CLASSIC – Picea
RPR 02 planed end profiling chamfer	Nordic Spruce	13,5	121	111	2,35	•	X-TRA – Decorplan ¹¹
RPR 00 u5 fk planed shadow gap 5mm, short tongue	Nordic Spruce	15,5	121	113	3,00-5,40	<	CLASSIC – Picea X-TRA – Decorplan ¹¹

Profiles for walls & ceilings							
	Type of Wood	Thickness in mm	Width in mm	Coverage in mm	in m*	End profiling	
APR							
APR 00 planed	Nordic Spruce						CLASSIC – Picea
LHA							
LHA 00 planed	Nordic Spruce	13,5	146	136	3,30/4,50/5,10		CLASSIC – Picea X-TRA – Decorplan ¹¹
FAS							
FAS 00 planed	Nordic Spruce	13,5	145	135	3,00-5,40		CLASSIC – Picea X-TRA – Decorplan ¹¹
		13,5	120	110	3,00-5,40		X-TRA – Decorplan ¹¹
		18,5	121	111	3,00-5,40		CLASSIC – Picea
		18,5	145	135	3,00-5,40		X-TRA – Decorplan ¹¹
FAS 01 planed end profiling butt joint	Nordic Spruce	13,5	145	135	2,50/4,75	•	X-TRA – Decorplan ¹¹
FAS 02 planed end profiling chamfer	Nordic Spruce	12 13,5	96 120	88 110	2,65 2,35	•	CLASSIC – Picea X-TRA – Decorplan ¹¹
FAS 21 structured end profiling butt joint	Nordic Spruce	13,5	145	135	2,50/3,85	•	CLASSIC – Piceatec PREMIUM – Decorcapp ¹¹
FAS 21 fe structured end profiling butt joint, long tongue	Nordic Spruce	21	195	181	2,65/4,75	•	PREMIUM – Norcapp ¹¹⁰
FAS 41 fe roughened end profiling butt joint, long tongue	Nordic Spruce	21	195	181	2,65	•	CLASSIC – Piceax PREMIUM – Norantic ¹¹⁰

*if available

						_	
Floor profiles							
	Type of Wood	Thickness in mm	Width in mm	Coverage in mm		nd rofiling	Surface treatment
FBF		<u> </u>					
FBF 00 planed	Nordic Spruce	21	144	137	3,00/3,60/4,20/ 4,80/5,10		CLASSIC – Picea
		27	144	137	3,00-5,10		
		21	144	137	3,00/3,60/4,20/ 4,80/5,40		X-TRA – Modiplan ¹²⁰
	Nordic Pine	27	144	137	auf Anfrage		CLASSIC – Pinus
		21	144	137	3,60/4,20/4,80		X-TRA – Modiplan ¹²⁰
FBF 02 planed end profiling chamfer	Nordic Spruce	21	144	137	2,35	•	CLASSIC – Picea
end proming channel		21	144	137	2,35	•	X-TRA – Modiplan ¹²⁰
	Nordic Pine	21	144	137	2,05	•	CLASSIC – Pinus
		21	144	137	2,05	•	X-TRA – Modiplan ¹²⁰
FNF							
FIME							
FNF 00 planed	Nordic Spruce	18	144	137	4,50/5,10		
		27	144	137	3,00/4,20/4,50/ 4,80/5,10		CLASSIC – Picea
FBF/FAS		}					
FBF/FAS 00 planed	Nordic Spruce	25,5	144	137	3,00/3,60/4,20-5	5,10	CLASSIC – Picea
EDE/EAC Od Internal	N. F. C	20	0.4	0.7	2.55/4.45		
FBF/FAS 01 planed end profiling butt joint	Nordic Spruce	20	94	87 127	3,55/4,15	•	
and proming water joint		20 25,5	144 94	137 87	3,55/4,15 4,15	<	CLASSIC – Picea
		25,5	144	137	4,15		
FBF/STA							
FBF/STA 01 planed end profiling butt joint	Nordic Spruce	20	94	87	4,15	•	CLASSIC – Picea

THE MOCOPINUS RANGE OF PRODUCTS

LIVING. WOOD. IDEAS.

Express yourself and explore your ideas with wood. To find out more about the complete MOCOPINUS range, visit our website.



All colours offered in our MOCOPINUS professional lines can be ordered at www.mocopinus.com



COLOUR



Quality you can see, feel and sense. For samples of our woods, boards and colours, go to

www.mocopinus.com



SAMPLES





▶ BROCHURES

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LIVING. WOOD. IDEAS.



INTERIOR



ADDING STYLE TO WALLS, CEILINGS AND FLOORS

Interior design using solid wood panels