



Real **DECK**®

Wood gives an atmosphere.
Wood is practical.

Outdoor wooden decking

 *An-Mex Ltd.*
all about wood

CONTENT

WHAT IS REAL DECK	2
QUICK OVERVIEW	4
SIBERIAN LARCH	8
CZECH LARCH	12
WESTERN RED CEDAR	16
FINNISH PINE	20
THERMOWOOD TECHNOLOGY	26
THERMOWOOD PINE	28
THERMOWOOD ASH	32
CLEANING, CARE AND MAINTENANCE	36
BANGKIRAI	42
MASSARANDUBA	46
BUKIT	50
MERBAU	54
GARAPA	58
IPE	62
TEAK	66
UNDERCONSTRUCTION	70
ADJUSTABLE PEDESTALS	74
CONTACTS	77



WHAT IS REAL DECK?

Real DECK presents 25 years of experience on the Czech and international market with more than three million square meters of outdoor wooden decking sold and installed from European and exotic wood. A selection of tested wood species that flawlessly perform its purpose in the conditions of Central Europe gives the assurance of 100% material quality and recommended components for the long-term benefit of a wooden decking with the increasing popularity of this material.

From the very beginning, our company has sought out the best processing plants in locations of Southeast Asia, South America, Canada, China and Europe to ensure the long-term high and consistent quality of the materials we supply. The manufacturing process of outdoor wooden decking is under the constant control of our agents who supervise the correct sorting of incoming material, drying, quality of processing, storage and loading into shipping containers or trucks.

In our business we think only about natural materials that do not lose their value and beauty - even with time. We only work with suppliers who respect sustainable forest management. By using wood, we protect non-renewable raw materials for future generations and, in addition, we have a positive impact on our society, economy and the environment. It is important for us that the public understands this concept and is aware of the positive impacts of using wood in everyday life. Of all the possible materials that can be used for decking, we sell wood because we help:

- protect non-renewable raw materials
- preserve sustainable forest management for future generations
- balance the three pillars of sustainable development: economic, social and environmental

Sea, road and rail transport of manufactured material to the final destination is provided by our own logistics department through direct shippers. Thanks to on-line tracking of shipments, a constant overview of the delivery date of the material to our warehouse is ensured.

Real DECK outdoor wooden decking, depending on the wood species, is either artificially dried or air-dried and with storage areas adapted to its specific parameters. For artificially dried material with a humidity of 14-18%, we have built rack storage systems inside the air-conditioned hall to ensure that changes in humidity and degradation of materials due to weathering are cut down to minimum. Each pallet is firmly stacked. Air-dried timber with a moisture up to 20% is stored in outdoor covered racking systems, where it is left for approximately 1/3 of the year before the actual sale due to moisture stabilisation in the Central Europe.

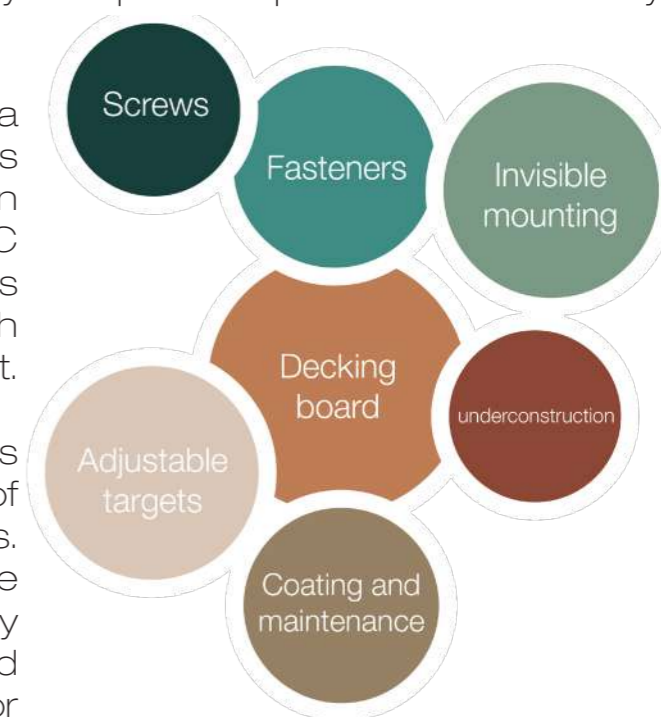
We have an average of 150,000 m² of outdoor wooden decking made from European and exotic wood permanently stored in air-conditioned and outdoor covered storage areas on an area of approximately 15,000 m². With the largest stock in the country, we can respond promptly to requests of any volume. Large number of stock lengths can be combined to minimise board cutting and maximise order efficiency.

The complete range of outdoor wooden decking is stocked at our headquarters in Prague 9, where personal pick-up of the materials is possible upon prior order. Logistics throughout the Czech Republic is provided by transport companies within 3 - 5 days after ordering.

























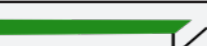
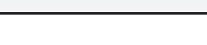
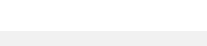
Real DECK is not just decking boards, but a complete system of sophisticated accessories for the proper installation of outdoor wooden decking such as wide range of EUROTEC accessories and OSMO coatings. As representatives of these brands in the Czech Republic we offer the best prices on the market.

Wood is one of the longest used materials in human history and it brings a number of advantages and positive characteristics. Particularly in terms of processing, relative inexhaustibility and undemanding recovery with good forest management. Only certified timber from controlled harvesting is used for Real DECK's outdoor wooden decking in order to avoid the destruction of tropical rainforests. There are about 50 certification systems worldwide (for example: PEFC, FSC, SFI, ATFS, CSA and others), which are designed to confirm that a forest is managed sustainably by an independent certification institution. This means that every tree harvested is replaced by a new one.

Being surrounded by wooden materials is good for the body and soul. The philosophy of the timber trade is to be convinced of the quality of the material, but above all of the wood itself, to know perfectly its nature, its parameters and to pass these on to the end consumers so that everyone can make the best decision based on all the information available. Perception of environmental responsibility and doing our job to the fullest - that's Real DECK!



QUICK OVERVIEW

WOOD SPECIES	PROFILE	DIMENSIONS (mm)	
		Thickness	Width
Siberian larch		27 / 28	142 / 145
		27 / 28	140 / 142 / 145
		27 / 28	140 / 142 / 145
Czech larch		28	140
		24	136
		28	140
Western Red Cedar		40	140
Finnish pine untreated or with pressure impregnation		28	145
Thermowood pine *clip (118 mm) a T Clip (117 mm)		26	117 / 118
		26	138 / 140
Thermowood pine		26	117 / 118 / 138 / 140
		20	140
Thermowood ash		20	115
Thermowood ash *clip		20	140
Thermowood ash *clip (smooth or grooved)		20	140
Bangkirai		25	145
Massaranduba		21	120 / 140 / 145
		25	145
Bukit		18	140
Bukit with tongue and groove on the transverse side		28	145
Merbau Clip		22	140
Merbau		25	145
Garapa		25	145
		19	90
		21 / 22	145
Ipe		21	145
Teak with tongue and groove on the transverse side		20	90 / 120

Suitability for: **A:** Covered decking (exposure to UV rays)
B: Open decking (all-weather exposure) **C:** Open pool decking

● appropriate ● limited ● inappropriate

APPROXIMATE DENSITY (KG/M³)	SUITABILITY			RECOMMENDED TYPE OF JOIST/ UNDERCONSTRUCTION (mm)	RECOMMENDED SCREW TYPE (mm)	
	A	B	C		Economic option	Recommended option
650	●	●	●	Siberian larch 45 x 70mm	Hapatec 5x60 C1	Hapatec Heli 5x60 A4
550	●	●	●	Czech larch 45 x 70mm	Hapatec 5x60 C1	Hapatec Heli 5x60 A4
340-460	●	●	●	Czech larch 45x70mm	Hapatec Heli 5x80 A4	
500	●	●	●	Pine with pressure impregnation 45x70mm	Hapatec 5x60 C1	
450	●	●	●	Thermowood pine 42 x 68 mm	Hapatec Heli 4,5x45 C1/4,5x50 C1	
					Hapatec Heli 5x60 A4	
					Hapatec Heli 5x50 A4	
					Hapatec 4,5x45 C1	
					Hapatec 4,5x45 C1	
620	●	●	●	Exotic wood 45 x 70mm	Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
					Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
					Hapatec Heli 5x50 A4	Terrasotec 5,5x50 A4
					Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
					Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
					Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
					Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
					Hapatec Heli 5x50 A4	Terrasotec 5,5x50 A4
850-960	●	●	●	Exotic wood 45 x 70mm	Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
900-1100	●	●	●		Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
500-750	●	●	●		Hapatec Heli 5x50 A4	Terrasotec 5,5x50 A4
750-850	●	●	●		Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
820-880	●	●	●		Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
1200	●	●	●		Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
560-750	●	●	●		Hapatec Heli 5x50 A4	Terrasotec 5,5x50 A4

DECKING FROM EUROPEAN WOOD



SIBERIAN LARCH



Siberian larch is one of the most valuable and durable species among coniferous trees. Because its resin content works as a natural impregnation the wood successfully repels water and protects itself from fungal attack.

SIBERIAN LARCH

DECKING BOARD



Face side = reeded
Dimensions: 27/28x140/142/145 mm
Length: 2 - 6 m



Face side = reeded
Dimensions: 27/28 x 140/142/145 mm
Length: 2 - 6 m



Face side = smooth
Dimensions: 27/28x140/142/145 mm
Length: 2 - 6 m



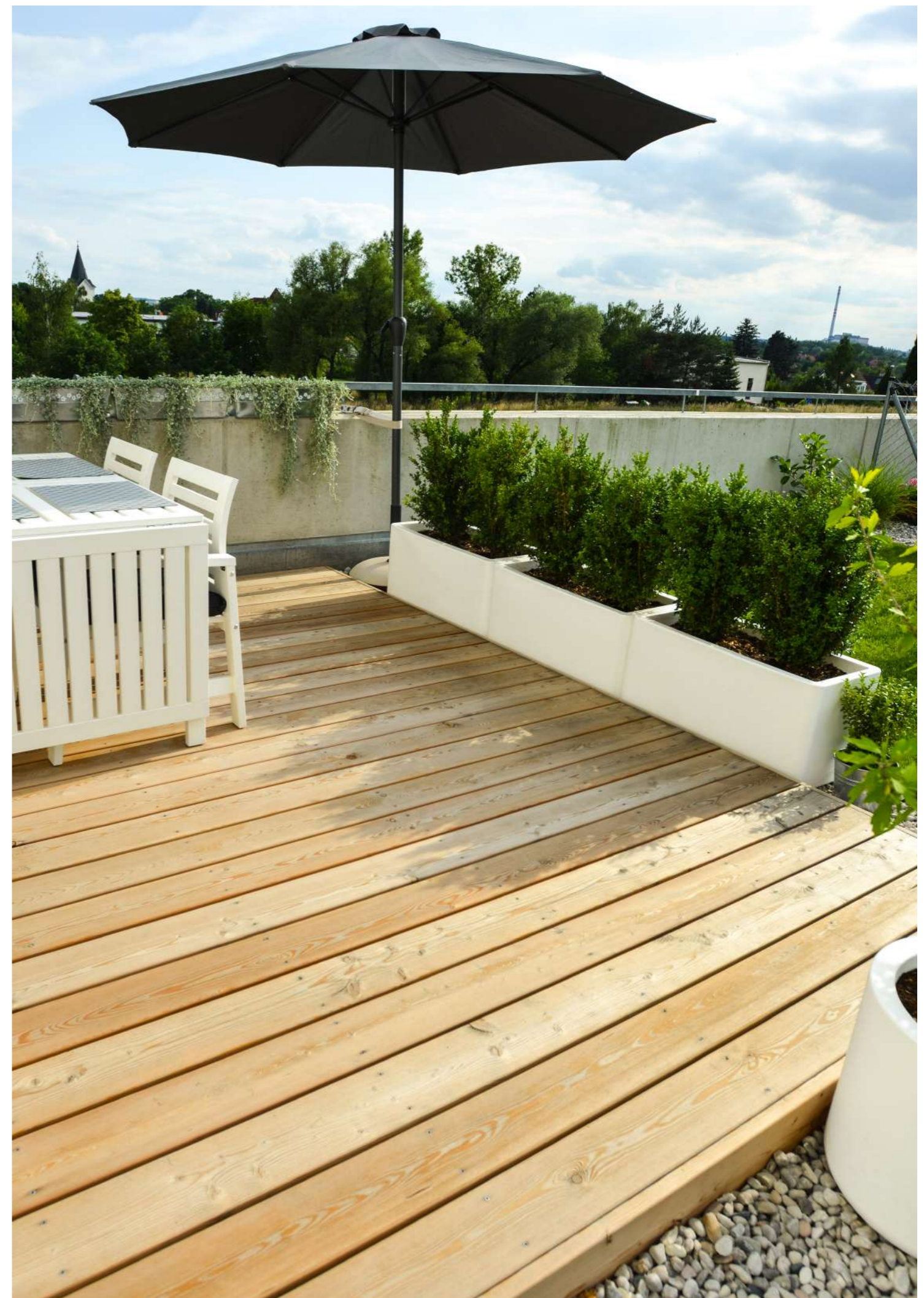
Face side = smooth
Dimensions: 28 x 120 mm
Length: 2 - 6 m

DESCRIPTION:

Colour: sapwood is yellowish white to reddish white, heartwood is reddish brown to dark reddish brown, darkening. Resin may ooze out in strong solar heat.

The most widespread coniferous forests in the world are larch forests, and the most important species of the light coniferous taiga is Siberian larch. This is especially true in the West Siberian lowland areas, but this species also occurs on the upper forest boundary. More broadly, Siberian larch also grows in the north-eastern Europe. In the Russian Federation alone - mainly in Siberia - larch forests cover about 264 million ha, which is about 38% of all forest area there. Trees in Siberia reach heights of up to 40 m and live up to 400 years. The centre of distribution for Siberian larch is therefore the West Siberian Plain, in the south of mountainous Central Siberia, in the west to the southeastern edge of the White Sea and almost to the eastern edge of Lake Onega, in the east to Lake Baikal and on the border with Mongolia. It grows from the southern Asian borders of the former USSR to the northern borders of the forest-tundra. Siberian larch grows almost from sea level to 2250 m above sea level. It grows in lowlands but also in high mountain levels. Its highest growing level is in the Altai (up to 3700 m above sea level).

DENSITY OF WOOD: approx. 650 kg/m³



CZECH LARCH



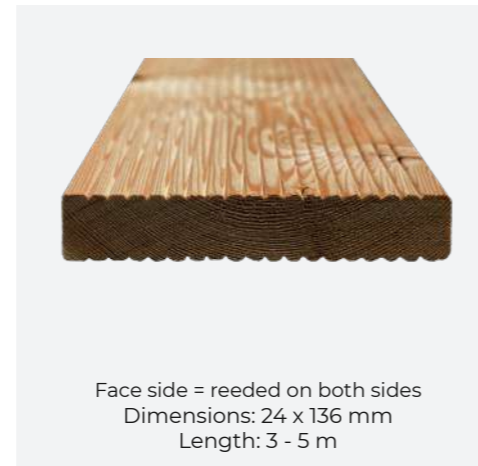
Czech larch comes from the Jeseniky foothills and parts of Silesia - Bruntal, Krnov and Opava regions. Larch wood from Czech forests is strong, flexible and proud of its class 3 durability for exterior use according to ČSN EN 350-2.

CZECH LARCH

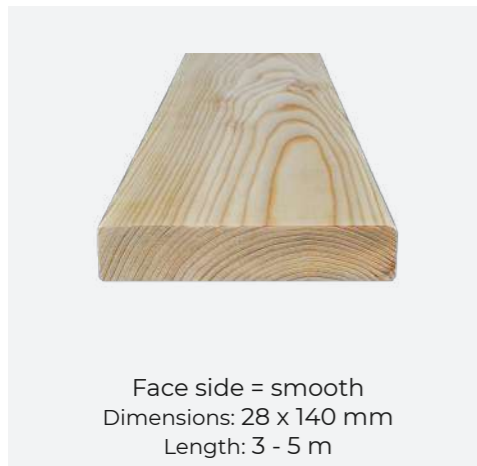
DECKING BOARD



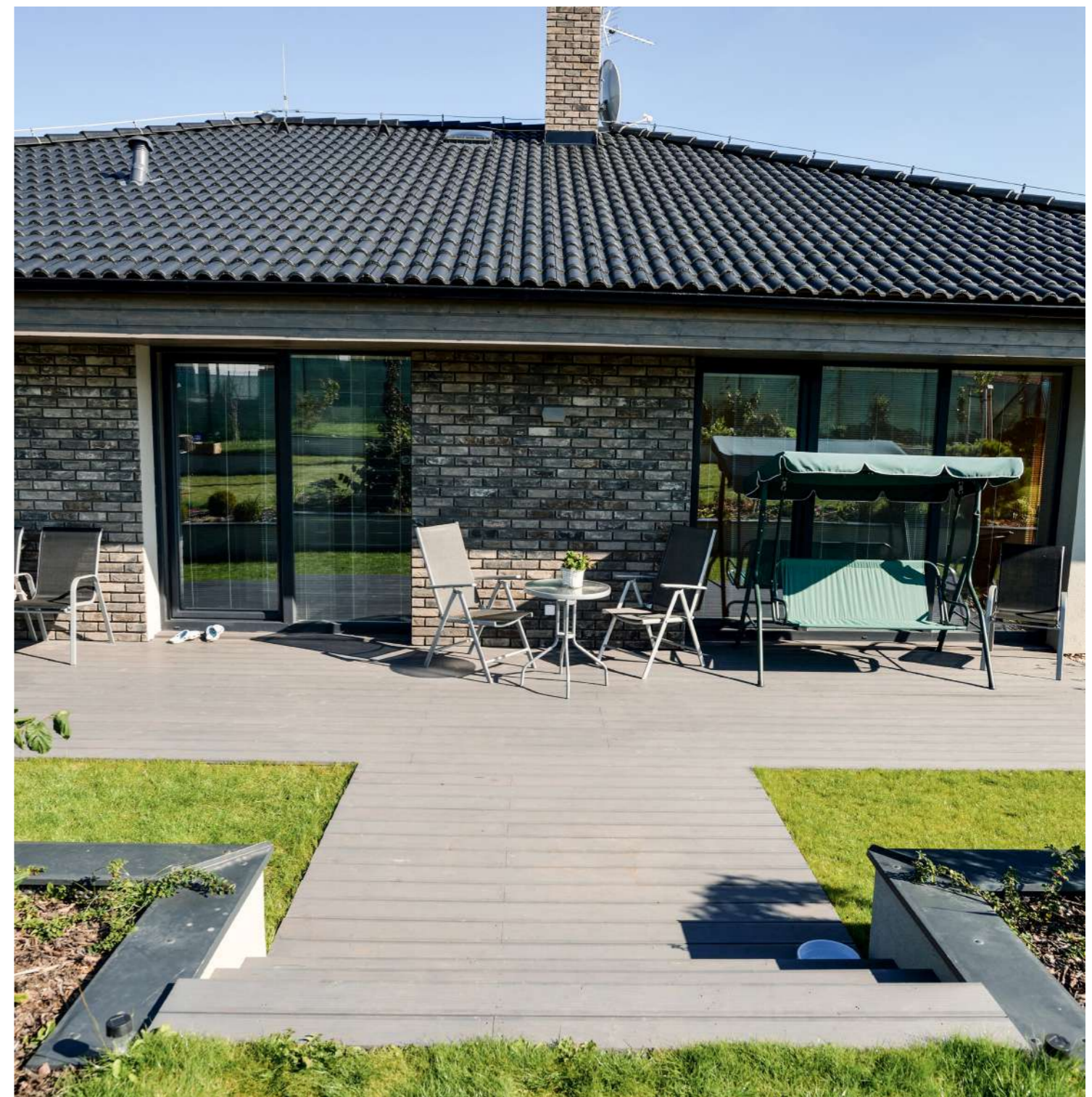
Face side = reeded on both sides
Dimensions: 28 x 140 mm
Length: 3 - 5 m



Face side = reeded on both sides
Dimensions: 24 x 136 mm
Length: 3 - 5 m



Face side = smooth
Dimensions: 28 x 140 mm
Length: 3 - 5 m



DESCRIPTION:

Colour: sapwood is yellowish white to reddish white, heartwood is reddish brown to dark reddish brown, darkening. Resin may ooze out in strong solar heat.

Usually there are about 11 species of larch (mainly from the cooler part of the temperate northern hemisphere), of which two are from Europe, only one species (*Larix decidua* = European larch) grows in the Czech Republic. The Latin name *deciduus* = deciduous. Larch tolerates harsh climates, but has increased requirements for soil fertility and fresh moisture. It can reach a height of up to 60 m and an age of 800 years. Larch is widespread in Central Europe - mainly in the Alps, the Carpathians, the South Polish hills and the Jesenic foothills. Larch is divided into 4 groups according to its occurrence: Alpine larch, Carpathian larch, Polish larch and Czech (Jesenic) larch. The current representation of larch in Czech forests is 3.9%. The wood from Czech larch is strong, flexible and, thanks to its density and the substances it contains, durable enough for long-term use in the exterior. It has a high durability in water - In the past it was used for water structures, water pipes, gutters. Larch heartwood is still used for shingles today. It is also valued as a construction and furniture timber.

DENSITY OF WOOD: approx. 550 kg/m³

WESTERN RED CEDAR



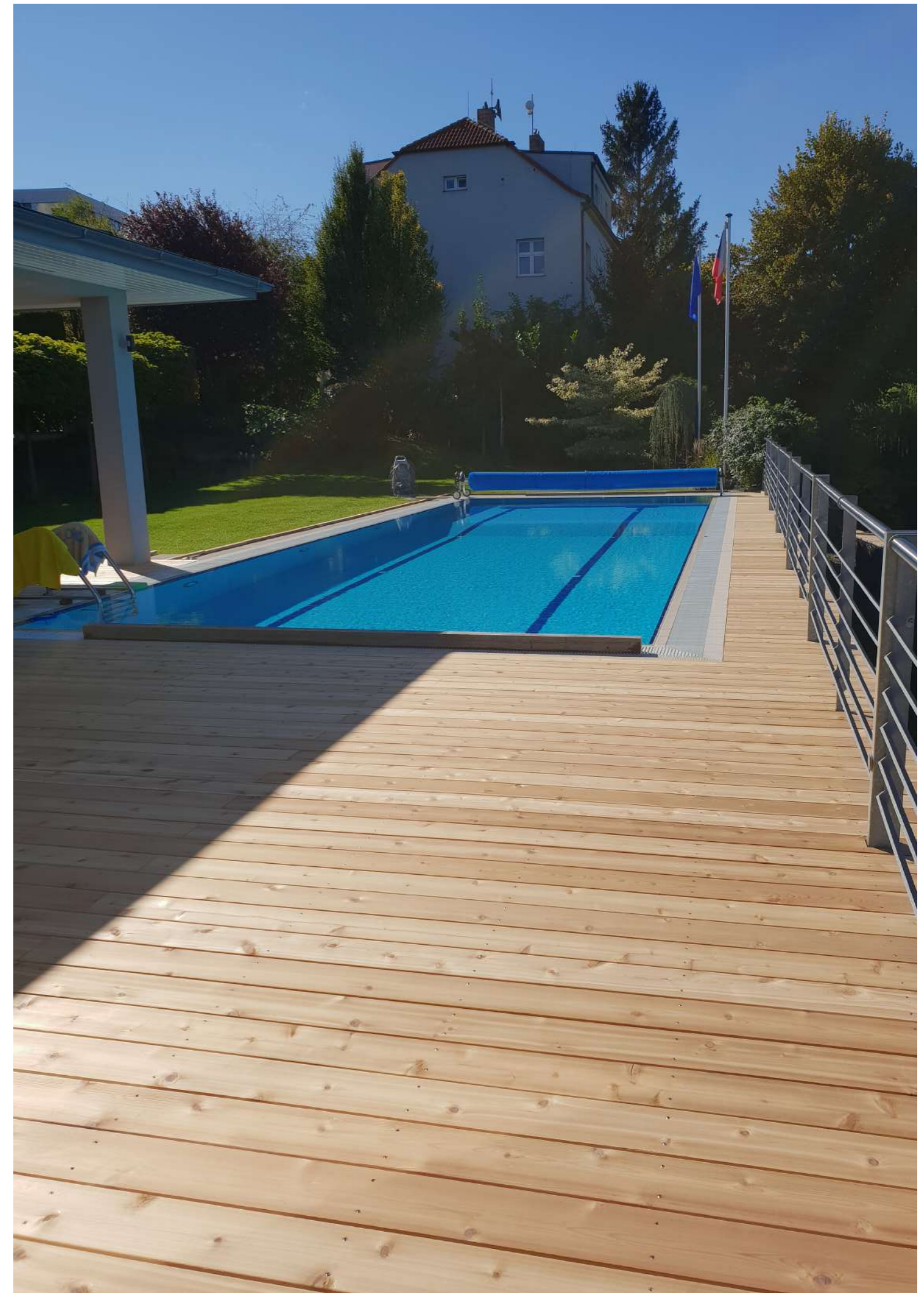
Western Red Cedar has been valued for its positive properties since ancient times. The main positive features include slight swelling and shrinkage of the wood and very high resistance to mould, fungus and blueing without the need of chemical protection of the wood.

WESTERN RED CEDAR

DECKING BOARD



Face side = smooth
Dimensions: 40 x 140 mm
Length: 2,4 - 6,1 m



DESCRIPTION:


Wood is whitish, sapwood is from 2 to 5 cm wide, heartwood is light reddish brown to reddish brown, often variable. After drying, this wood is moderately stable in shape, easy and clean to work with, it has an evenly smooth surface, it can be polished and surface treated as well. Depending on the production process, the moisture content of the wood is after delivery approx. 18-20 % for outdoor flooring timber. For Western Red Cedar it is particularly important to use non-corrosive fasteners for exterior constructions. Natural light greying after almost six months of exposure to the weather is normal and does not affect either quality or durability. Colour differences between individual boards are natural.


„Western Red Cedar is also known in nature as the ‚tree of life‘. Botanically, ‚Thuja plicata‘ belongs to the cypress family (Cupressaceae). Western Red Cedar grows in western North America from Alaska to California and then eastward to Montana. The knots-free trunks can grow up to 25 m. The trees can reach an age of up to 1000 years. The wood of the Western Red Cedar is relatively winter-resistant.

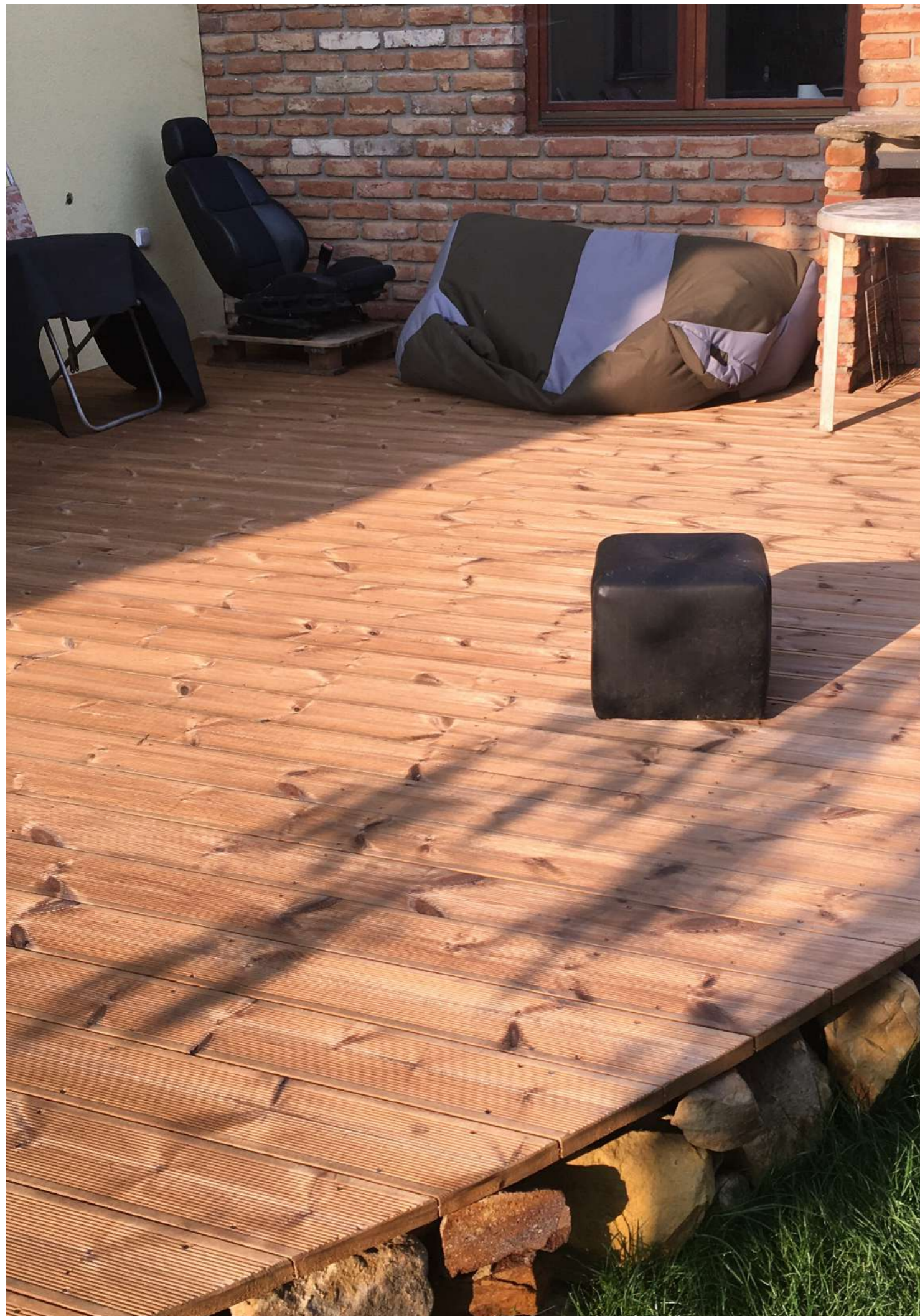
DENSITY OF WOOD: approx. 340-460kg/m³

FINNISH PINE

Untreated or pressure impregnated



 Finnish pine grows in Scandinavia. Compared to its Central European relatives, it has more heartwood, which is more resistant to moisture. Because of the slow growth and a large amount of resin, it is more resistant and has a long durability.



FINNISH PINE

DECKING BOARD



UNTREATED
Face side = reeded
Dimensions: 28 x 145 mm
Length: 3 - 6 m



PRESSURE IMPREGNATED
Face side = reeded
Dimensions: 28 x 145 mm
Length: 3 - 6 m

DESCRIPTION:

Colour: sapwood is yellowish or reddish white, heartwood is reddish yellow, darkening to brownish red. Wood contains large amounts of resin. Brown pressure-impregnated pine may have brown blooms on the surface. This is a weathered resin that has risen to the surface during pressure impregnation and that mixed with the impregnating agent. These brownish salt blooms will weather off over time.

DENSITY OF WOOD: approx. 500 kg/m³



DECKING FROM THERMO WOOD

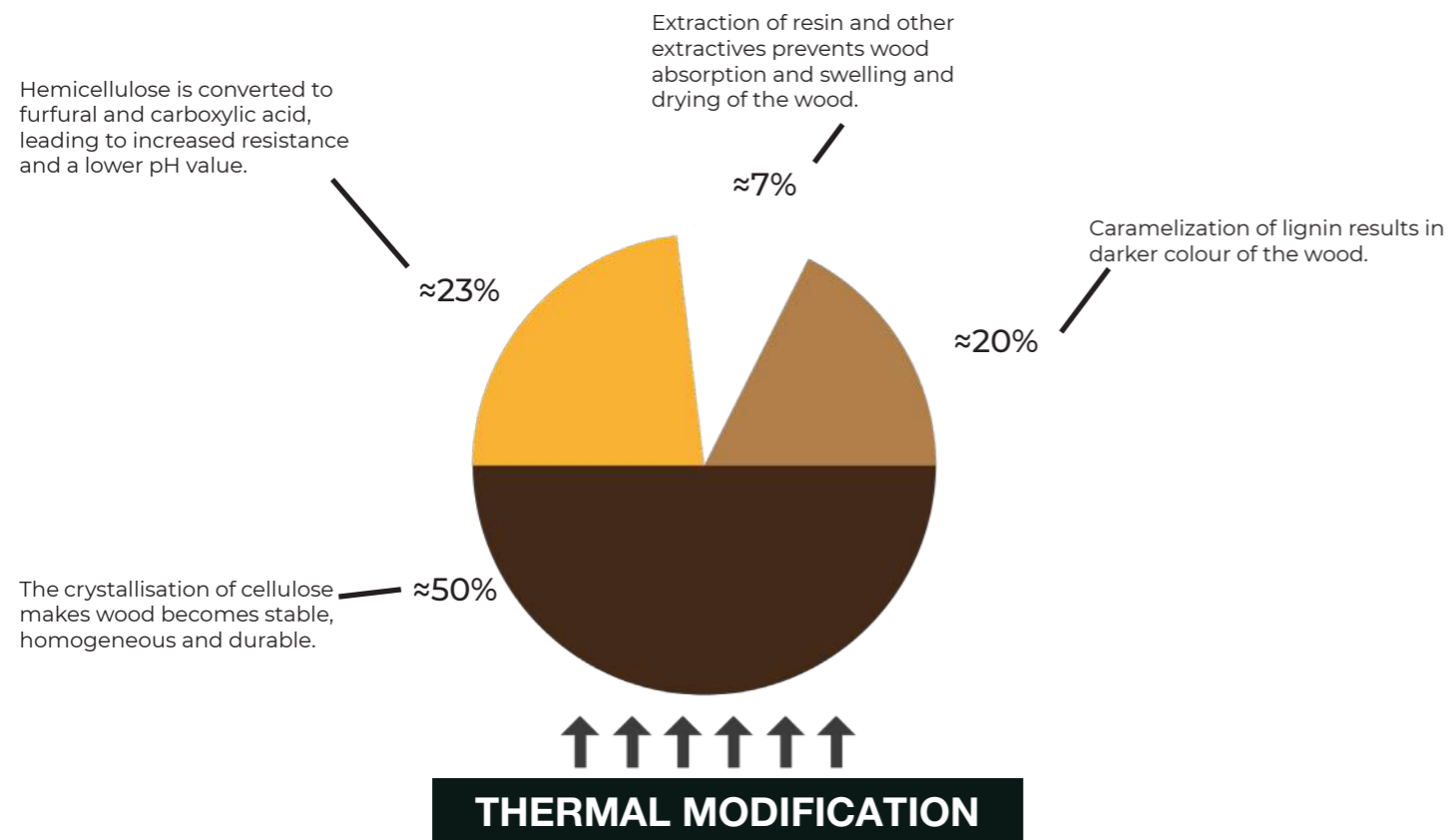
What is Thermowood -
Youtube:



Natural state of THERMOWOOD

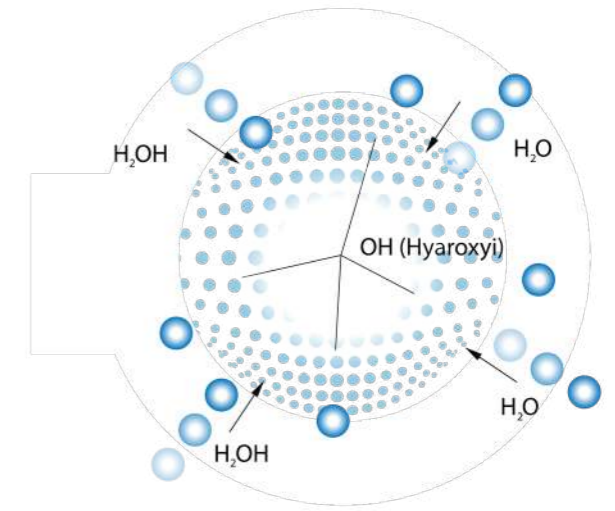
Why is thermally modified wood highly rated for its high stability and durability? Heat treatment increases the stability and durability of wood. Wood consists of 50% cellulose, 23% hemicellulose, 20% lignin and 7% are other organic compounds called extractives or tannins. Heat treatment removes the resin from the wood, all the extractive substances and also the OH (hydroxyl) binding water groups. This process reduces the water absorption of the wood, thereby increasing the resistance to rot and at the same time reducing swelling and shrinking of the wood. Another contributing factor to the high durability of wood is the crystallisation of cellulose. The change in hemicellulose increases the durability of the wood. Hemicellulose splits into furfural* and carboxylic acid. Heat-induced caramelization of lignin results in darker appearance of the wood.

*furfural - an organic compound contained in hemicellulose

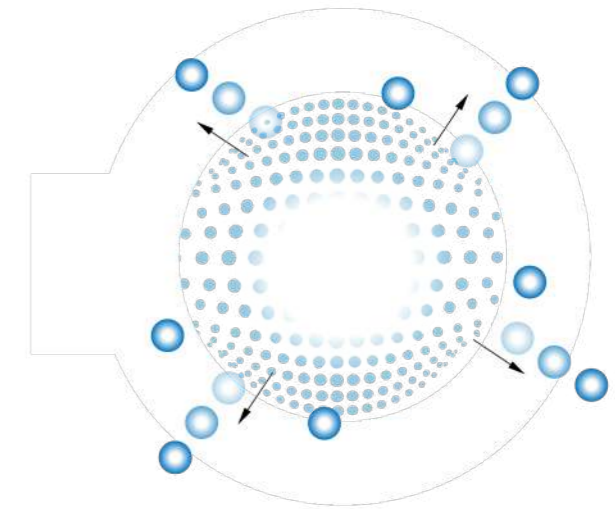


THERMOWOOD PROCESS

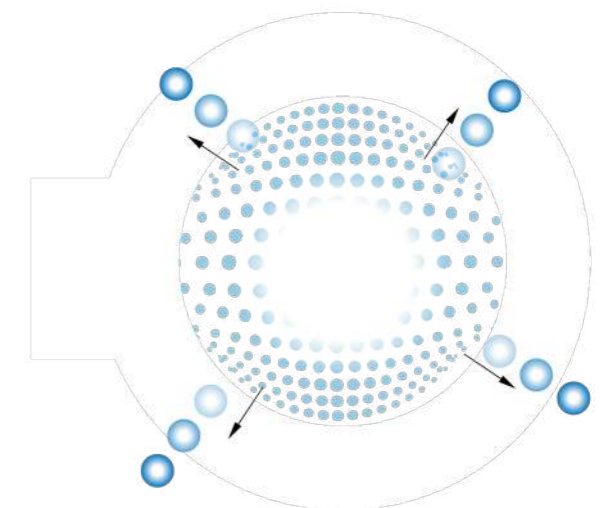
H₂O and OH move inside the wood.



By regular drying (up to 90°C), the cell of the wood releases free water.



Through the thermowood process (212°C) the relative humidity (OH) is released from the cell and the working tendency of the wood is minimized.



THERMOWOOD PINE

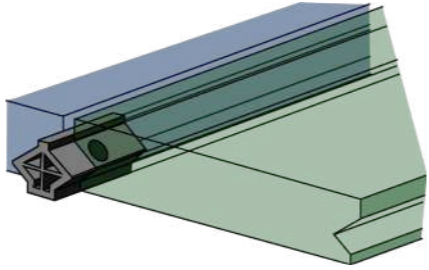
i Thermowood pine is dimensionally stable, durable and eco-friendly wood. Due to the thermowood treatment, the wood gains significantly better dimensional stability, which results in reduced shrinkage and swelling. At the same time, it shows increased resistance to rot and mould.

Decking installation
on YouTube:





Detail of the clip anchorage:



THERMOWOOD PINE

DECKING BOARD



Face side = reeded
Dimensions: 26 x 138/140 mm
Length: 1,8 - 6 m



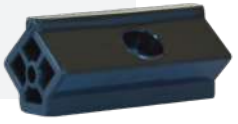
Face side = smooth
Dimensions: 26 x 118 mm
Length: 1,8 - 6 m



Face side = smooth
Dimensions: 26 x 138/140 mm
Length: 1,8 - 6 m



CLIP
Face side = grooved
Dimensions: 26 x 118 mm
Length: 1,8 - 6 m



CLIP
Face side = smooth
Dimensions: 26 x 118 mm
Length: 1,8 - 6 m



DESCRIPTION:
Dimensionally stable, durable and completely eco-friendly wood. The wood has a slightly resinous heartwood of light reddish-brown colour. Annual rings are very well defined, resin channels are visible on all sections (cross-section and longitudinal). The heat treatment produces a darker shade of wood (the heat modification process is described below).
The Thermowood pine we supply is manufactured using the WTT method, which uses heat treatment of the wood at 212°C. No chemicals are used in the heat treatment process. Only a little water is needed to start the process. The rest takes place by gradually increasing the temperature inside the pressurized chamber (using a pressure of 7 to 9 bar). The gradual heating of the wood releases the moisture and creates a steam-filled environment that ensures even colouring and finishing of the wood. This process makes the wood completely eco-friendly and poses no threat to the surrounding fauna and flora. An important part of the WTT process is that the wood is never dried to 0% during the treatment, but to 6-8%. The residual moisture level remains at 10-12%. This is the final moisture content for Thermowood. Modern technology controls the entire process and an even finish throughout the entire cross-section is guaranteed. Because of this treatment, the pine changes its original natural light yellow shade to a natural darker colour. The timber gains significantly improved dimensional stability, which reduces warping, swelling and subsequent shrinkage of the wood. Dimensional changes are eliminated by up to 60%. The wood shows increased resistance to rot and mould, as well as improved insulation properties.
DENSITY OF WOOD: approx. 450 kg/m³

THERMOWOOD ASH



i Ash trees are thriving all over Europe. Ash offers an interesting wood structure with almost no knots. Thermowood ash is eco-friendly, durable and dimensionally stable wood. It is highly mould resistant, it has exceptional durability, incomparable stability and a beautiful rich colour.

Installation of decking
on YouTube:

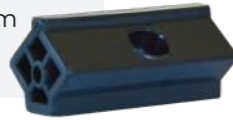


THERMOWOOD ASH

DECKING BOARD



CLIP
Face side = smooth
Dimensions: 20 x 115 mm
Length: - m

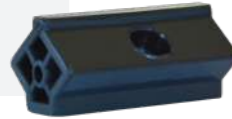


CLIP
Face side = smooth
Dimensions: 20 x 140 mm
Length: 0,8-3 m
We take out of storage only 20% of the length up to 1 m and 80% of the length 1 - 3 m



CLIP
Face side = grooved
Dimensions: 20x140 mm

we take out of storage only 20% of the length up to 1 m and 80% of the length 1 - 3 m



Detail of connection

DESCRIPTION:

Thermowood ash is produced at a temperature of 212 °C by a computer-controlled method in a special furnace where thermo-treatment takes place. This process uses only heat and steam. This heat treatment process, changes every fibre down to the core. The thermally treated ash has an exotic brown colour. Our Select grading guarantees great quality and visually excellent workmanship. The double endless joint on the cross side of the boards allows easy and quick installation with a locked double joint and minimal pruning, which leads to significant material savings.

ENVIRONMENT

No chemicals of any kind are used in the various processing operations.

DURABILITY

Heat treatment increases the resistance of the wood to weather conditions and it prevents rot and fungal attack.

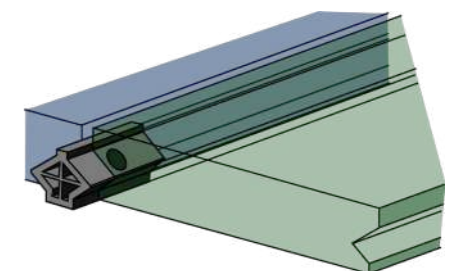
DIMENSIONAL STABILITY

Deformation, swelling or subsequent shrinkage of the wood is reduced by up to 60%. The heat treatment essentially stops moisture fluctuations.

DENSITY OF WOOD: approx. 620kg/m³



Detail of the clip anchorage:



CLEANING, CARE AND MAINTENANCE



Decking cleaning
on YouTube:



1 Remove sand, dust, leaves and other loose impurities by sweeping the boards thoroughly.



2 If the wood is grey, revive its natural colour again with Osmo Wood Reviver No. 6609 in the form of a thick gel. First, however, moisturize the wood.



3 Then evenly apply a thick gel in the direction of the boards and leave it there for about 20 minutes.



4

Brush the wood with Osmo Brush for cleaning deckings in 150 mm width or with a machine for cleaning deckings - afterwards rinse the surface with plenty of water.



5

Let the decking dry for at least 48 hours. Then the the surface is ready for a new coat of Osmo Decking Oils.



6

Osmo Decking Oils will smooth the surface of the wood, which will repel water and dirt. First, mix the decking oil thoroughly with a stirring stick.



7

Pour a little of the mixed oil into the paint tub (included in the Osmo Decking Kit).



8

Paint the wood evenly in the direction of the boards. After about 12 hours of drying, it is possible to add 2nd coat.



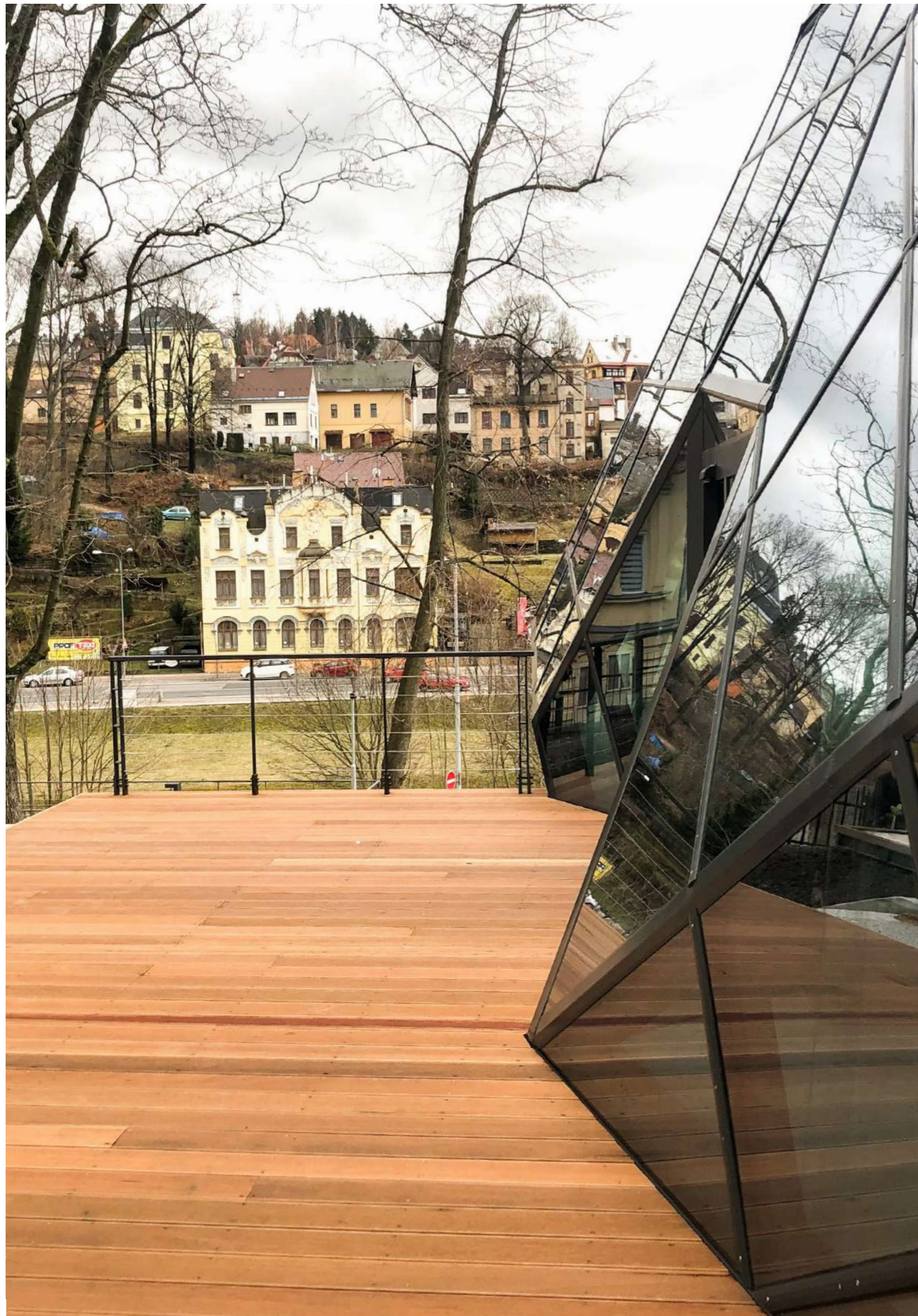


DECKING FROM EXOTIC WOOD

BANGKIRAI YELLOW BALAU



Bangkirai wood is one of the most popular species used for decking and is generally described as strong and very hard.



BANGKIRAI

DECKING BOARD



Bangkirai Yellow Balau is a wood from Asian countries such as Burma, Thailand, Laos, Vietnam, Cambodia, Malaysia, Philippines and Indonesia.

DESCRIPTION:

The heartwood has a yellowish-brown to greenish appearance when fresh, but it often darkens to olive brown. Colour differences between individual boards are natural and usual. As one of the hardest woods, Bangkirai Yellow Balau is highly resistant to mould and insect. The annual rings are not noticeable. The wood is very hard and long lasting due to its high density and the substances it contains. This is why Bangkirai is one of the most popular woods for decking.

DENSITY OF WOOD: approx. 850-960kg/m³

MASSARANDUBA



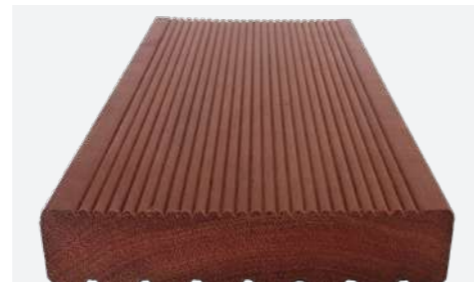
Massaranduba is a wood coming from South America. It is an exceptionally fine, evenly textured wood with a purplish reddish-brown colour occurring in different shades.

MASSARANDUBA

DECKING BOARD



Face side = reeded
Dimensions: 21 x 140 / 145 mm
Length: 1 - 6 m



Face side = reeded
Dimensions: 25 x 145 mm
Length: 1 - 6 m

DESCRIPTION:

This exceptionally fine, evenly textured and straight-grown wood has a purplish reddish-brown colour with varying shades. The colour variations between the different decking boards are natural and usual. The wood is very hard and long-lasting due to its high density and the substances it contains. These oily substances can be washed away by rain during the first exposure to weather conditions. As this wood is harder than average, it must always be pre-drilled when joining with stainless steel screws. There is a significant difference between tangential and radial drying of Massaranduba wood, and it is therefore important that the basic rules of installation are followed for the correct functionality of a terrace made of this wood. For the substructure, only wood of the same or similar density as the underlying timber should be used for even swelling and shrinkage.

DENSITY OF WOOD: approx. 900 - 1100kg/m³



BUKIT

i Bukit is a timber originating mainly from Malaysia and from the moist evergreen tropical forests of the lower and higher elevations of Southeast Asia. It is found in Thailand, Laos, Cambodia, Vietnam, Malaysia, Borneo, Sumatra and the Philippines.

BUKIT

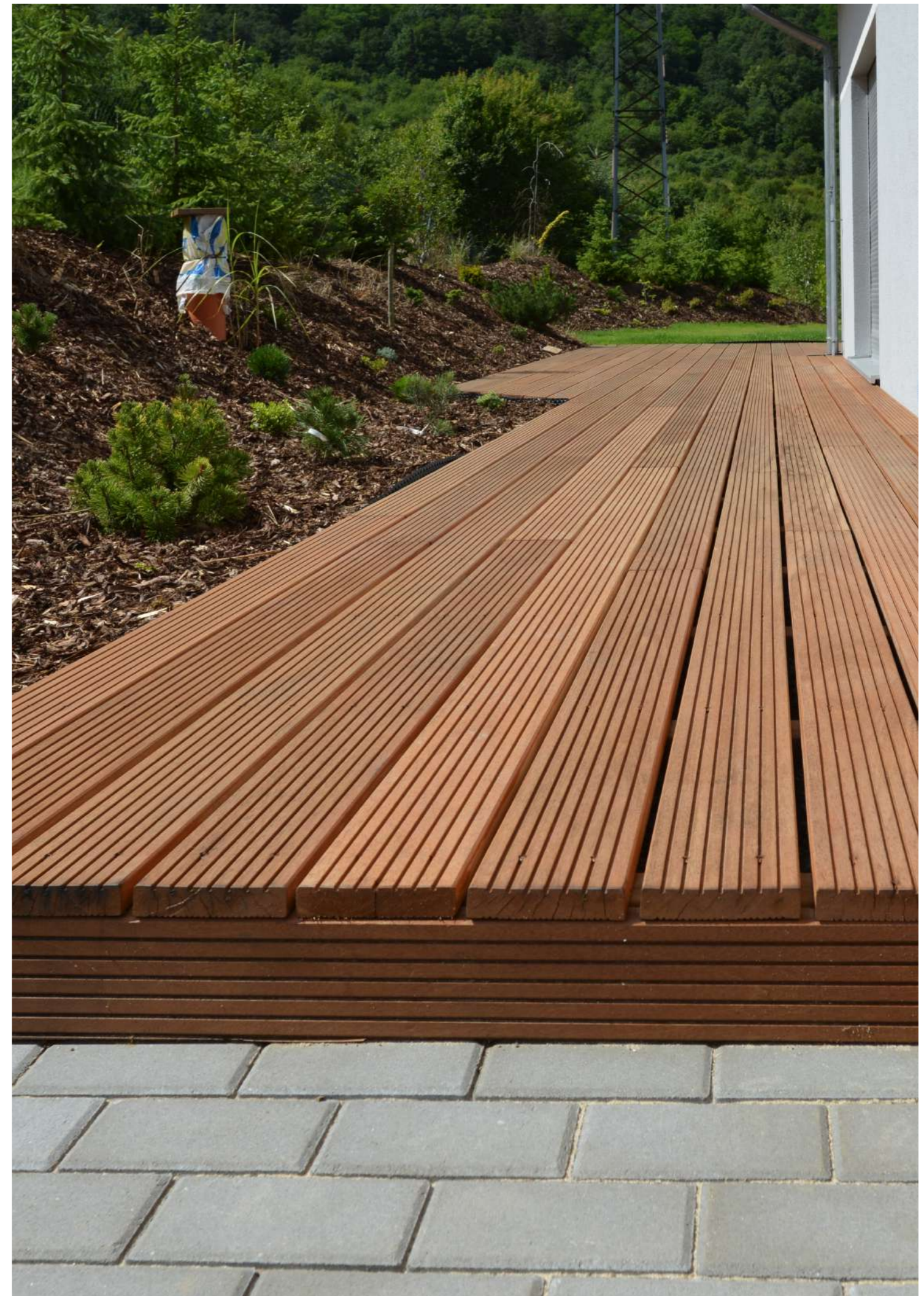
DECKING BOARD



DESCRIPTION:

Bukit heartwood has a yellowish-brown to greenish appearance when fresh, often with white to gray stripes. Bukit wood belongs to the category of medium-heavy woods. The wood's annual rings and grain are hardly visible. Drying makes the decking wood more stable and dimensionally stable. When fresh, the heartwood has a reddish-brown to brown hue. The colour differences between the individual boards are natural and usual. The heartwood, which does not always get rid of its lighter whiteness, is highly resistant to mould and insect. The wood is very hard and long-lasting due to its high density and the substances it contains. In order to ensure the correct functionality of the terrace, it is absolutely necessary to follow the basic rules of decking installation and to create a sufficiently stable substructure. Only wood of the same or similar density as the underlying timber should be used for the substructure to ensure even swelling and shrinkage.

DENSITY OF WOOD: 500 - 750 kg/m³



MERBAU



It grows individually in evergreen and dry tropical forests. Commonly found in lowland coastal forests in India-Malaya region of Southeast Asia.

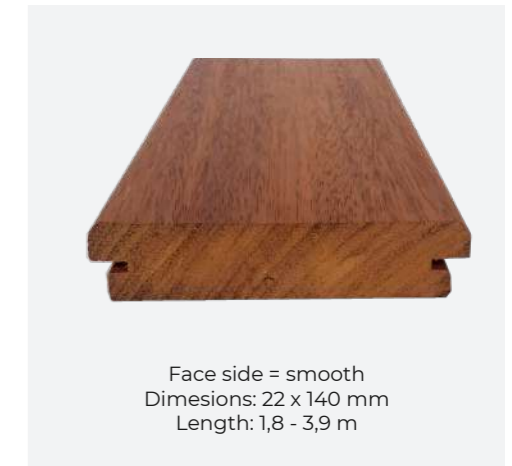


MERBAU

DECKING BOARD



Face side = reeded
Dimensions: 25 x 145 mm
Length: 1,8 - 4,5 m



Face side = smooth
Dimensions: 22 x 140 mm
Length: 1,8 - 3,9 m

DESCRIPTION:

Merbau decking is supplied air-dried with a humidity of approx. 20%. The heartwood is brownish grey to dark reddish brown with various shades. The colour differences between the individual boards are natural and usual. The annual rings are not noticeable and the wood is odourless. If the timber is exposed to the outdoors, there may be small cracks and splits at the ends of the boards due to the alternation of relative humidity. This wood contains a high resin content, which shows a golden yellow veining. The wood is very hard and long lasting due to its high density and the substances it contains. These oily substances can be washed away by rain during the first exposure to weather conditions. In order for a wooden terrace to function properly, it is absolutely essential to follow the basic rules for decking installation and creating a sufficiently stable structure. Only wood of the same or similar density as the underlying timber should be used for the substructure for even swelling and shrinkage.

DENSITY OF WOOD: 750-850 kg/m³

GARAPA



Garapa wood, also called Brazilian ash, is a deciduous wood with a high durability. It mainly comes from South America, Brazil.

GARAPA

DECKING BOARD



Face side = reeded
Dimensions: 25 x 145 mm
Length: 1,8 - 4,8 m



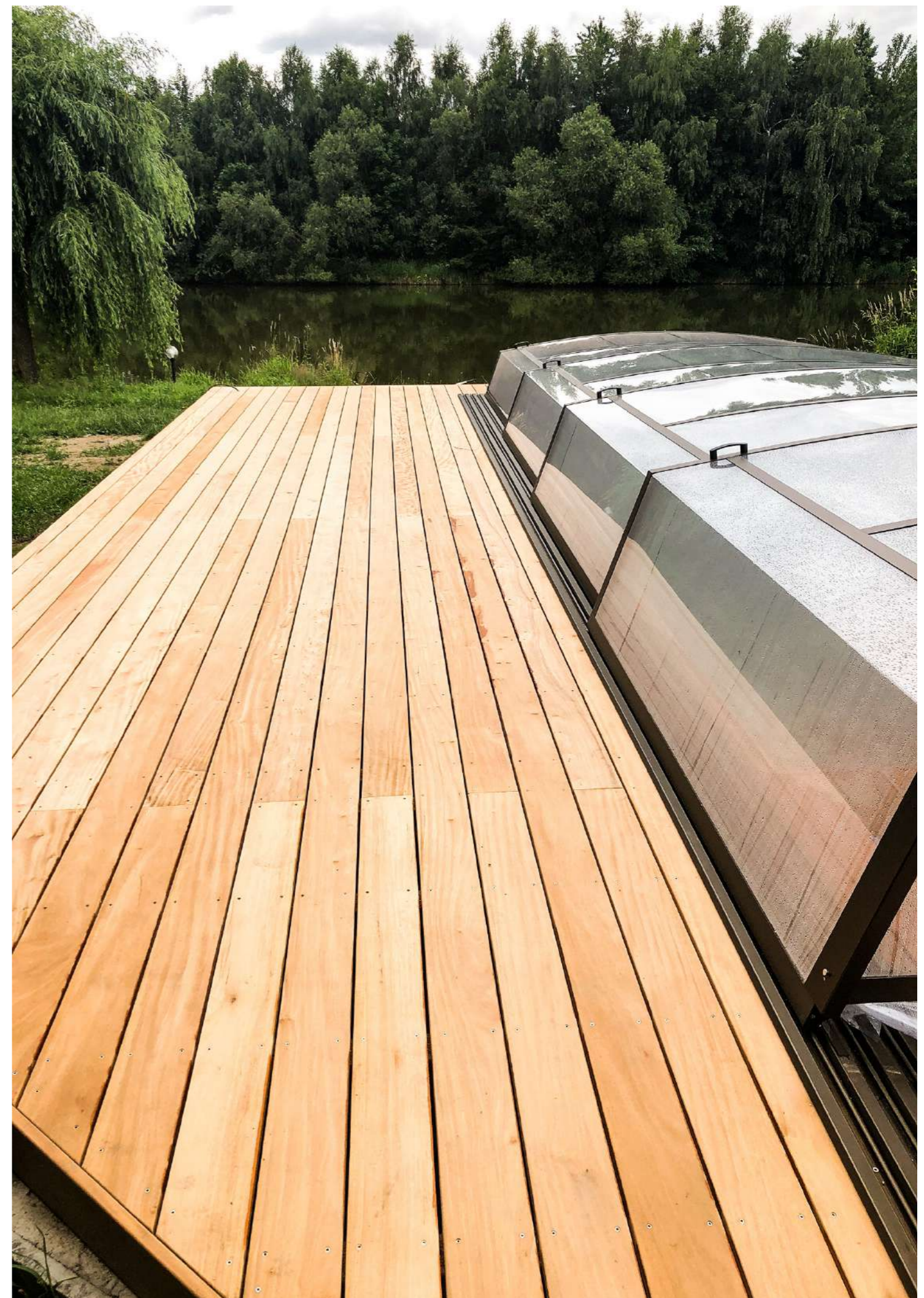
Face side = grooved
Dimensions: 25 x 145 mm
Length: 1,8 - 4,8 m



Face side = smooth
Dimensions: 21 / 22 x 145 mm
Length: 2,4 - 4,5 m



Face side = smooth
Dimensions: 19 x 90 mm
Length: 1,8-6 m



DESCRIPTION:

The heartwood ranges from yellow, to beige to light brown, gradually darkening to brown. The sapwood is yellowish white. In different angles of light the shade appears to go from light to dark colour. Even texture with a smooth surface and a slight natural gloss. The high silicon content can cause tools to dull more quickly during processing and therefore the wood must always be pre-drilled when joining with stainless steel screws.

DENSITY OF WOOD: 820-880 kg/m³



IPE

i

Ipe occurs discontinuously in South and Central America and also in Caribbean region. It is mostly known as Ipe, but it is also known as lapacho or ironwood.

IPE

DECKING BOARD

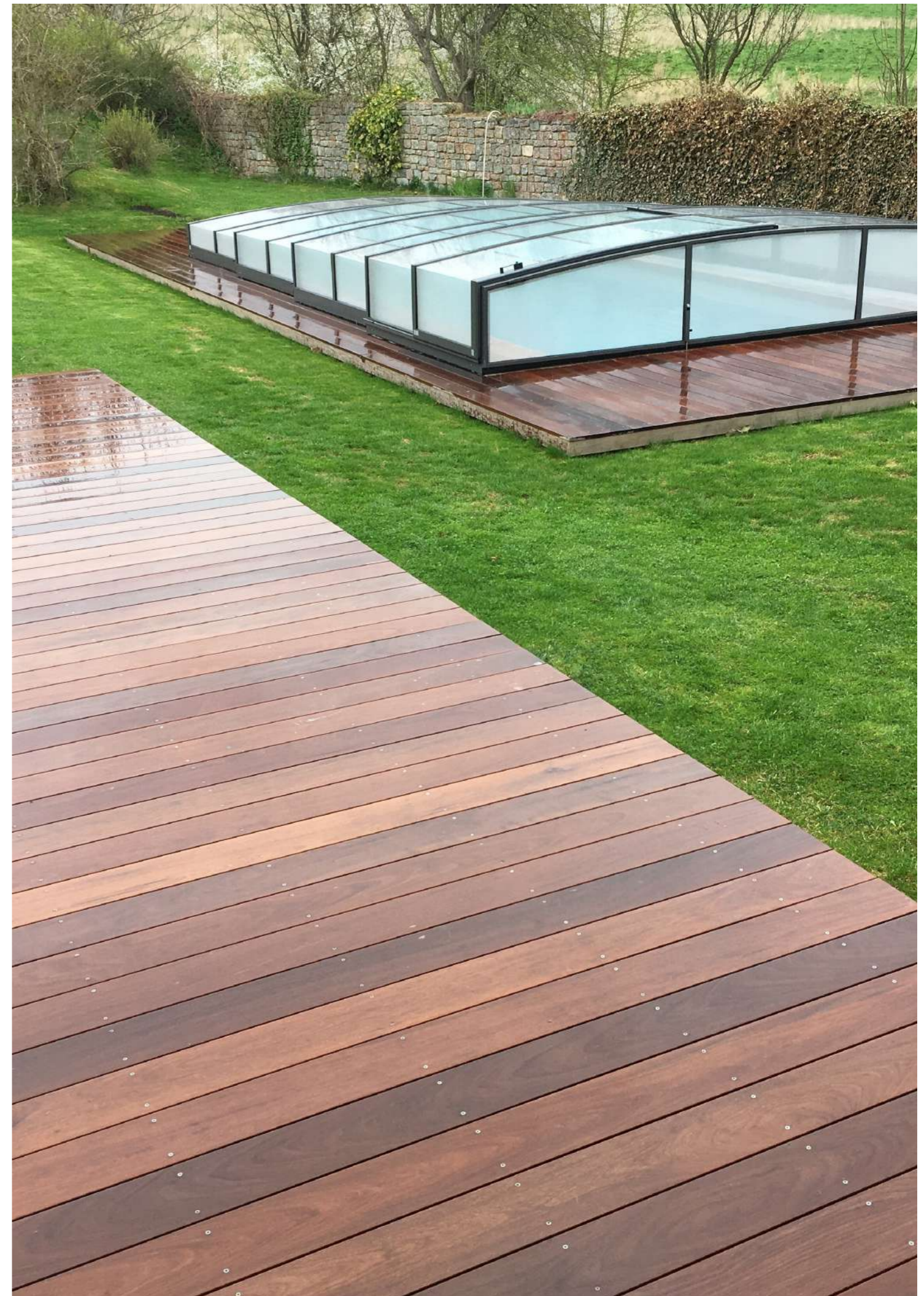


Face side = smooth
Dimensions: 21 x 145 mm
Length: 1 - 6,1 m

DESCRIPTION:

In Ipe, the greyish to reddish white sharply shades into light olive greenish brown heartwood darkening into greenish brown. The wood is intermittently streaked to mottled in the radial section and a little glossy. As this wood is harder than average, it must always be pre-drilled when joining with stainless steel screws. Fine grooves on longitudinal edges with light yellow colour (Lapachol).

DENSITY OF WOOD: 1200 kg/m³



A close-up photograph of a teak wood floor. The planks are arranged in a parallel pattern, showing the natural grain and texture of the wood. Sunlight filters through, creating long, soft shadows that stretch across the planks, highlighting their natural color variations from light tan to a darker, weathered brown. The overall composition is clean and emphasizes the material's texture and natural beauty.

TEAK



Teak comes from Burma, but it also grows in India, Thailand, Indonesia and Java. It has also spread partly to Malaysia, Borneo, Philippines, tropical Africa and Central America.

TEAK

DECKING BOARD



END-MATCH

Face side = smooth
Dimensions: 20 x 120 mm
Length: 0,8-2,5 m
- we load only 20% of lengths up to 1m and 80% of 1 - 2.5m

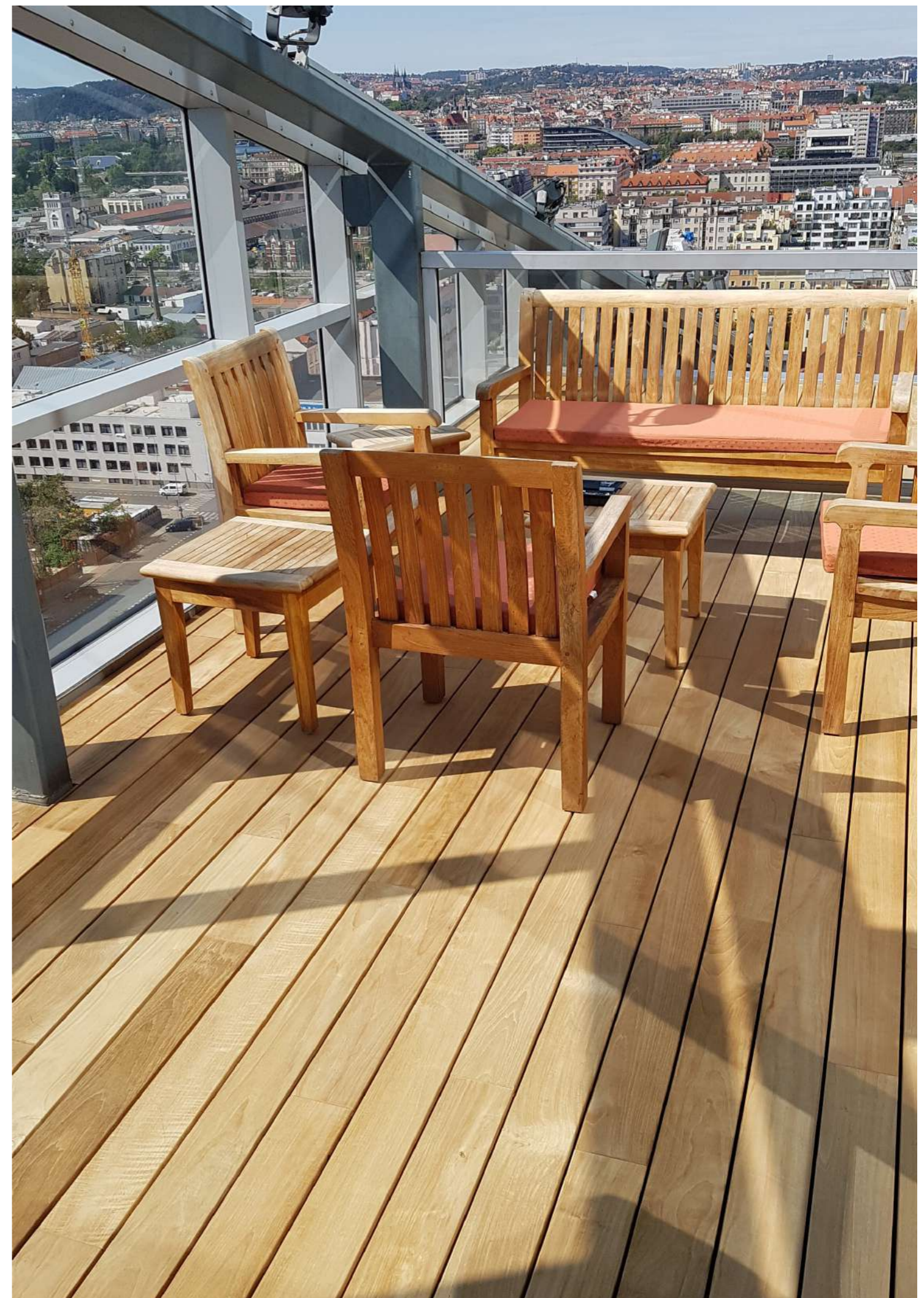


END-MATCH

Face side = smooth
Dimensions: 20 x 90 mm
Length: 0,8-2,5 m
- we load only 20% of lengths up to 1m and 80% of 1 - 2.5m



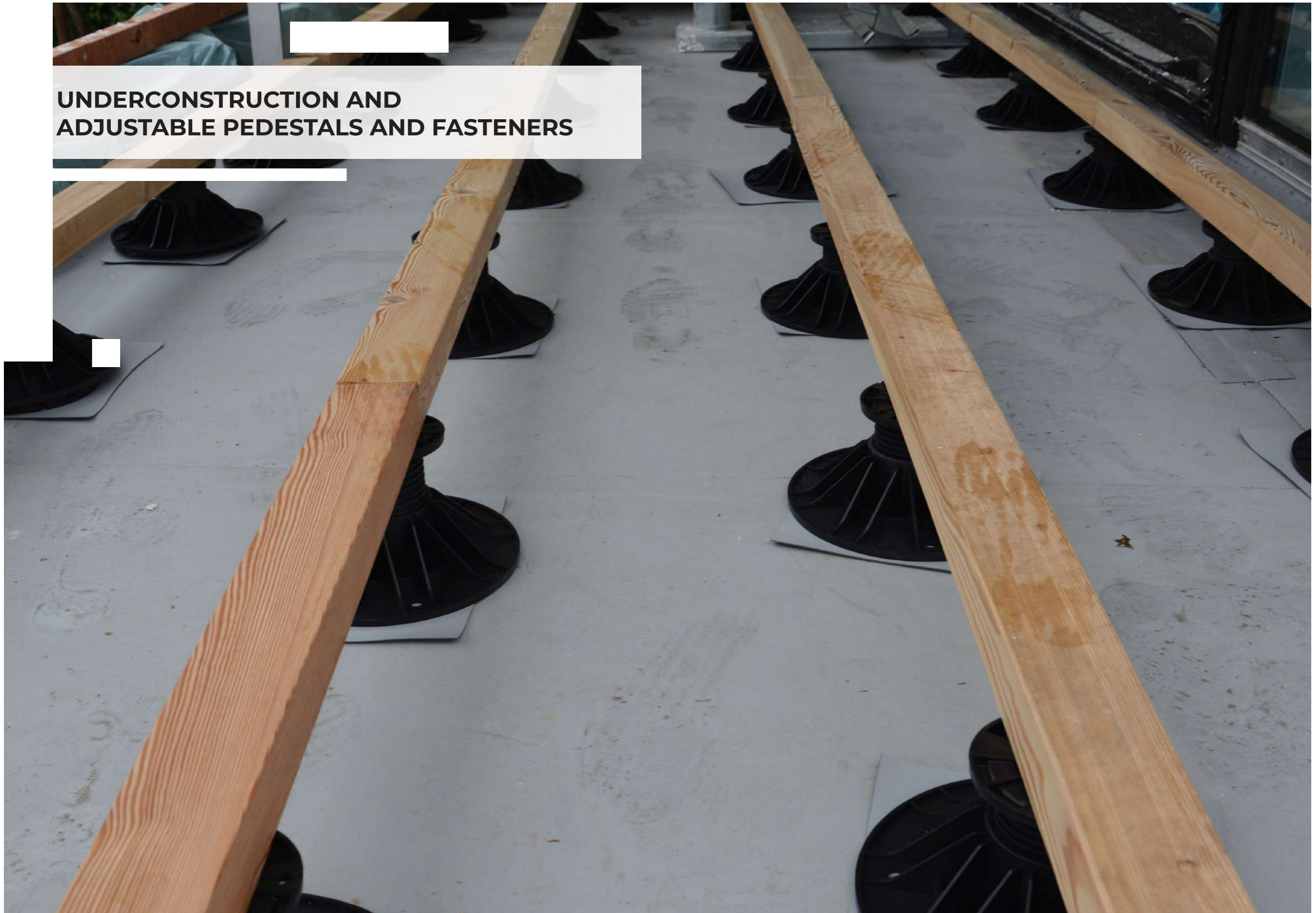
Connection details



DESCRIPTION:
Teak certainly deserves its excellent reputation for strength, durability, stability in various weather conditions and excellent decorative appearance. The colour-variable heartwood (golden yellow, yellow-brown, brown-green) later darkens to brown tones, often with dark brown or black veining (stripes 2-8 mm wide). The wood is oily on the surface and contains oily resins.

DENSITY OF WOOD: ca 560-750 kg/m³

**UNDERCONSTRUCTION AND
ADJUSTABLE PEDESTALS AND FASTENERS**



UNDERCONSTRUCTION



Siberian Larch

Dimensions: 45 x 70 mm
Length: 2 - 6 m



Czech larch

Dimensions: 45 x 70 mm
Length: 2 - 5 m



Pine with brown pressure impregnation

Dimensions: 45 x 70 mm
Length: 2,10 - 5,10 m



Thermo pine

Dimensions: 42 x 65/68 mm
Length: 1,8 - 5,1 m



Thermo pine

Dimensions: 42 x 92 mm
Length: 2,1 - 5,1 m



Exotic wood

Dimensions: 45 x 70 mm
Length: 1 - 6,1 m



Exotic wood

Dimensions: 42 x 68 mm
Length: 1,8 - 5 m



Exotic wood

Dimensions: 90 x 90 mm
Length: 1,8 - 5 m



Aluminium profile

Dimensions: 40 x 60 mm
Length: 4 m



ADJUSTABLE TARGETS

BASE - LINE Adjustable pedestals BASE-Line

BASE 1	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	10000	BASE 1	25 - 40	2,2	50



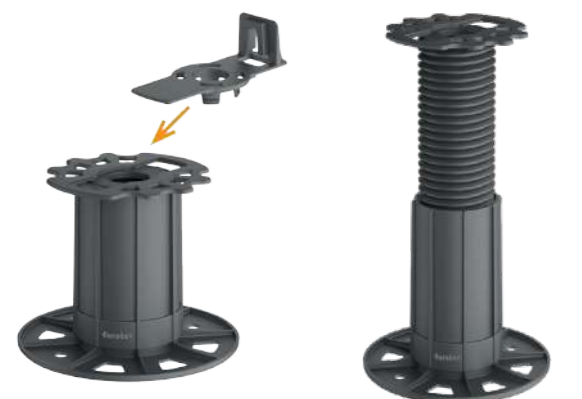
BASE 2	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	10001	BASE 2	35 - 60	2,2	50



BASE 3	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	10002	BASE 3	60 - 110	2,2	30



BASE 4	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	10003	BASE 4	110 - 210	2,2	20



*The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.

** The BASE adjustable pedestal is supplied with the BASE L adapter and one screw each per adjustable pedestal as standard.



PROFI - LINE

Profi-Line adjustable pedestals with modular system

Innovative, versatile, flexible and user-friendly.

The Profi-Line adjustable pedestal series comprises six adjustable pedestals of different heights whose assembly heights can be altered using extension rings.

PRO S	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	946070	PRO S	30 - 53	8,0	10



PRO S: Height adjustment over 3 steps up to 5 mm can be combined with other 8 mm using a threaded ring.

PRO M	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	946071	PRO M	53 - 82	8,0	10



PRO L	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	946072	PRO L	70 - 117	8,0	10

Fixing with Thermofix screw 4.2 x 22 mm is possible on all PRO adjustable pedestals.



*The quoted load-bearing capacities represent recommended values. With these loads, the adjustable pedestals only deform by approx. 2 mm. The load-bearing capacity before actual fracture is multiple times higher.

PRO XL	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
	946079	PRO XL	74 - 168	8,0	10



The PRO range of adjustable pedestals is assembled using an L-adapter.

L-adapter -for classic timber substructures or modern aluminium substructures

Extension rings (extra rings)	Art. no.	Name	Assembly height [mm]	Load-bearing capacity [kN]	Pcs per packaging
To increase the height of adjustable pedestals PRO and SL PRO	946074	Extension ring + 4	40	8,0	10
	946073	Extension ring + 10	100	8,0	10



Suitable for adjustable pedestals PRO S, M, L and XL

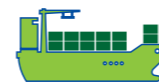
L-adapter	Art. no.	Name	Pcs per packaging
For wooden profiles	946075	L-adapter	10

INCLUDING
screws for adapter



Suitable for adjustable pedestals PRO S, M, L and XL

IMPORT ACTIVITY ALL OVER THE WORLD



DECKING | FLOORING | CLADDING | SAUNA PROFILES | PLYWOOD | OSMO OILS

CONTACT



Au-Mex Ltd.
Podebradská 574/40,
Prague 9
Czech Republic 190 00

Phone No.: 00420 283933452, 00420 608052451

E-mail: export@au-mex.com, info@au-mex.cz

www.au-mex.com



@AuMex



@Au-mex.com



@aumex_ltd



@Au-Mex

Real  **DECK**®

The logo for "Real DECK" features the word "Real" in a grey, cursive script font. To its right is a grey icon of a house with a chimney, similar to the Au-Mex logo. To the right of the icon is the word "DECK" in a large, bold, grey, sans-serif font, followed by a registered trademark symbol (®).