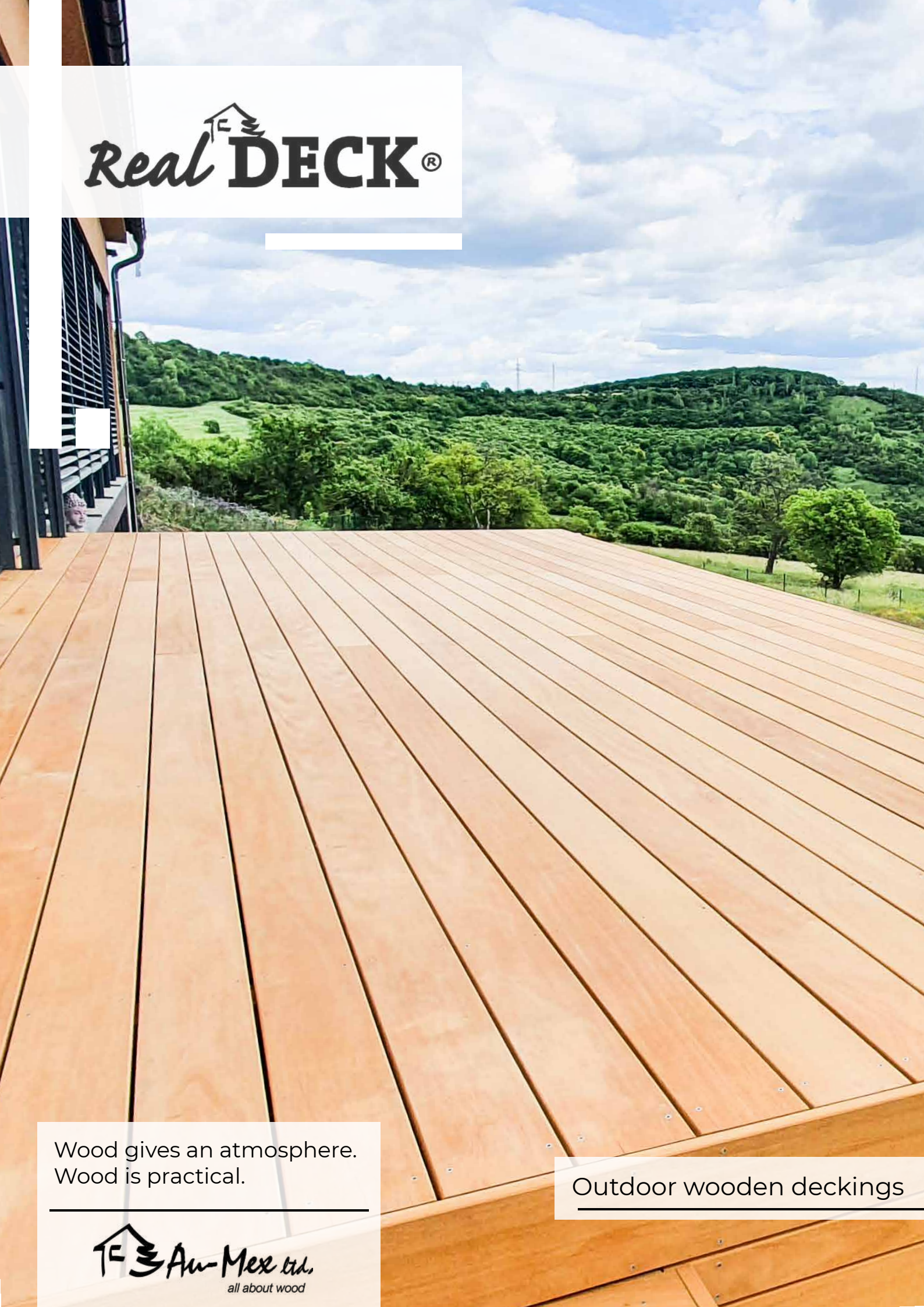
Real DECK®



Wood gives an atmosphere.
Wood is practical.

Outdoor wooden deckings

Au-Mex ltd.
all about wood

CONTENT

WHAT IS REAL DECK?

Real DECK personifies 25 years of experience on the Czech and international market with more than three million square meters of outdoor wooden deckings sold and installed from European and exotic woods. A selection of time-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 ever-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 deckings 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 on site.
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 management of forest resources. By using wood, we protect non-renewable raw material resources 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 context and is aware of the positive impacts of wood use in everyday life. Of all the possible materials that can be used for deckings, we sell wood because we think about wood, we offer wood and we help:

- protect non-renewable raw material resources
- 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 and freight forwarders. 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 deckings, depending on the wood species, are either artificially dried or air-dried and with storage areas adapted to the 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 due to weathering to minimize the possibility of shape deformation, each pallet is firmly stacked.
Air-dried timber with a moisture content of up to 20% is stored in outdoor covered racking systems, where it is left for approximately 1/3 of the year before the actual for sale due to moisture stabilisation in the Central European location.

We have an average of 150,000 m² of outdoor wooden deckings made from European and exotic woods 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. For rugged deckings, a large number of stock lengths can be combined to minimise pruning and maximise order efficiency.

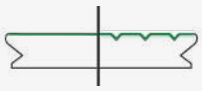
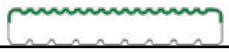
The complete range of outdoor wooden deckings is stocked at our headquarters in Prague 9 - Vysočany, where personal pick-up of the material is possible upon prior order. Logistics throughout the Czech Republic is provided by transport companies within 3 - 5 days after ordering.

Real DECK are not just decking planks, but a complete system of sophisticated accessories for the proper installation of outdoor wooden decking from renowned European manufacturers of connecting including a wide range of EUROTEC accessories and OSMO coatings. As representatives of these brands in the Czech Republic we offer the best prices on our entire range of possible purchasing conditions.

Wood is one of the longest used materials in human history and brings with it a number of advantages and positive characteristics, particularly in terms of ease 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 deckings 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 body. In practice, this means that every tree harvested is replaced by a new planting.

Being surrounded by wooden material 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 users so that everyone can do their best to make the best decision based on all the information available. Perception environmental responsibility and do our job to the best of our ability - that's Real DECK!

QUICK OVERVIEW

TREE 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 without and with pressure impregnation		28	145
Thermowood pine *clip (118 mm) a T Clip (117 mm)		26	117/118
Thermowood pine		26	138/140
		26	117/118/138/140
Thermowood ash		20	140
Thermowood ash *clip		20	115
Thermowood ash *clip (smooth or grooved)		20	140
Bangkirai		25	145
Massaranduba		21	120/140/145
		25	145
Bukit		18	140
		19	90
Bukit with tongue and groove on the transverse side		28	145
Merbau Clip		22	140
Merbau		25	145
Garapa		25	145
		19	90
		22	120/145
Ipe		21	145
Teak with tongue and groove on the transverse side		20	90/120

Suitability of use: **A:** Covered decking (UV stress) **B:** Open decking (all-weather stress) **C:** Open pool decking

● appropriate use ● limited appropriate use ● inappropriate use

ORIENTATION VOLUME WEIGHT (KG/M³)	SUITABILITY OF USE			RECOMMENDED TYPE OF JOIST/ UNDERCON-STRUCTION (mm)	RECOMMENDED SCREW TYPE (mm)	
					Economic option	Recommended option
650	●	●	●	Siberian larch 45x70mm	Hapatec 5x60 C1	Hapatec Heli 5x60 A4
550	●	●	●	Czech larch 45x70mm	Hapatec 5x60 C1	Hapatec Heli 5x60 A4
340-460	●	●	●	Czech larch 14x70mm	Hapatec Heli 5x80 A4	
500	●	●	●	Pine with pressure impregnation 45x70mm	Hapatec 5x60 C1	
450	●	●	●	Thermo pine 42x68 mm	Hapatec Heli 4,5x45 C1/4,5x50 C1	
					Hapatec Heli 5x60 A4	
620	●	●	●		Hapatec Heli 5x50 A4	
					Hapatec 4,5x45 C1	
					Hapatec 4,5x45 C1	
850-960	●	●	●	Exotic wood 45x70mm	Hapatec Heli 5x60 A4	Terrasotec 5,5x60 A4
900-1100	●	●	●		Hapatec Heli 5x60 A4	Terrassotec 5,5x60 A4
500-750	●	●	●		Hapatec Heli 5x50 A4	Terrassotec 5,5x50 A4
					Hapatec Heli 5x60 A4	Terrassotec 5,5x60 A4
750-850	●	●	●		Hapatec Heli 5x60 A4	Terrassotec 5,5x60 A4
					Hapatec Heli 5x60 A4	Terrassotec 5,5x60 A4
820-880	●	●	●		Hapatec Heli 5x60 A4	Terrassotec 5,5x60 A4
1200	●	●	●		Hapatec Heli 5x60 A4	Terrassotec 5,5x60 A4
560-750	●	●	●		Hapatec Heli 5x50 A4	Terrassotec 5,5x50 A4

DECKINGS FROM EUROPEAN WOOD

SIBERIAN LARCH

Siberian larch is one of the most valuable and durable species among coniferous wood species. Its resin content repels water as a natural impregnation and protects the wood 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 yellowish white to reddish white, heartwood 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 light coniferous taiga is the 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 extends into north-eastern Europe. In the Russian Federation alone - mainly in Siberia - larch forests cover about 264 million ha, which is about 38% of the area of forests 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, the southern part of mountainous central Siberia, extending west into Europe to the south-eastern edge of the White Sea and almost to the eastern edge of Lake Onega, east through Asia to Lake Baikal and south-east into 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 is highest in the Altai (up to 3700 m above sea level).

DENSITY OF WOOD: ca 650 kg/m³


TIP
Evaluate your wood
Osmo Decking Oils!

CZECH LARCH

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

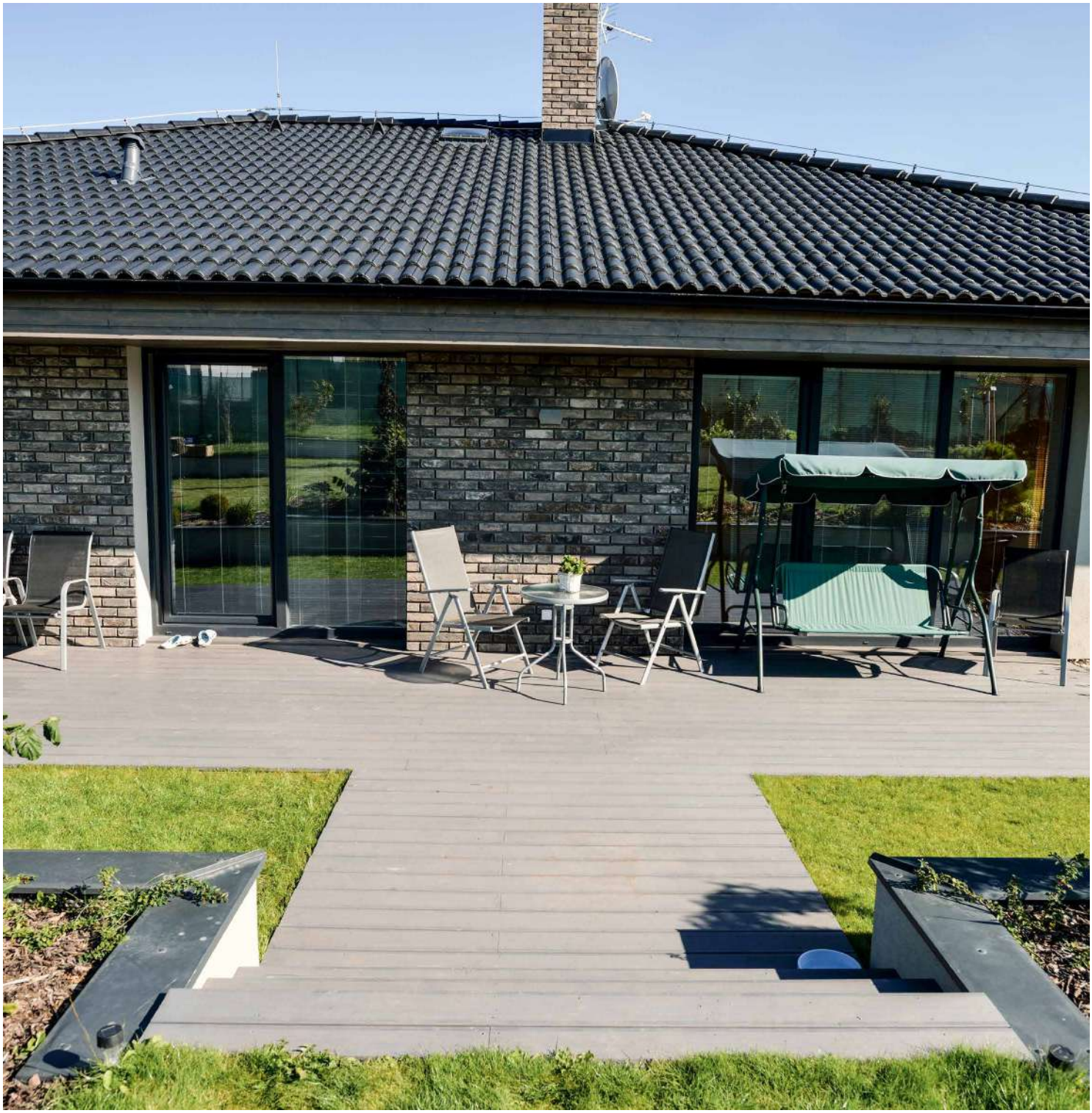
CZECH LARCH

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

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

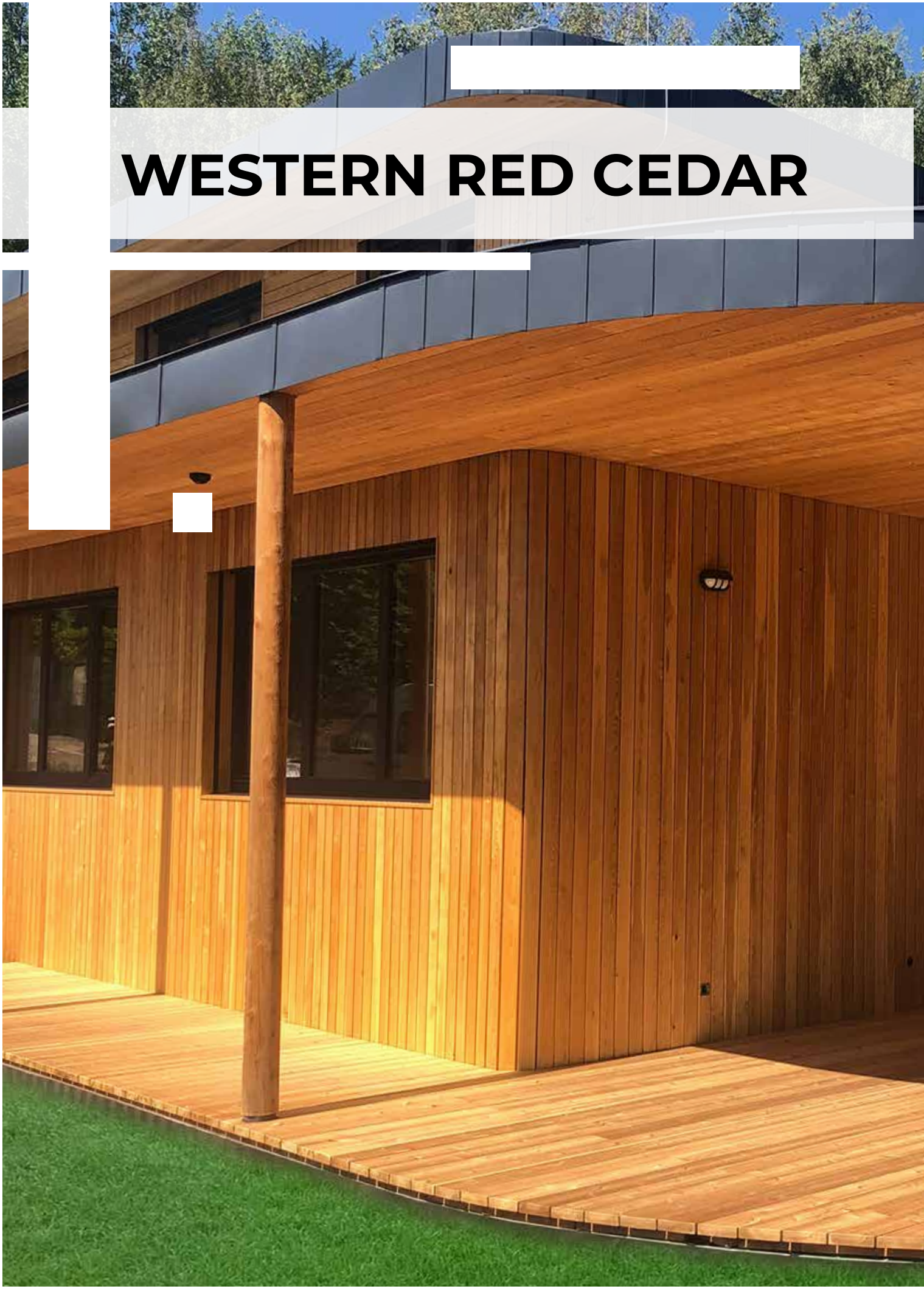


DESCRIPTION:
Colour: sapwood yellowish white to reddish white, heartwood reddish brown to dark reddish brown, darkening. Resin may ooze out in strong solar heat.

Usually there are about 11 species of larch (mainly from the cooler part of the temperate northern hemisphere), of which 2 are from Europe, only 1 species (Larix decidua) or 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: ca 550 kg/m^3

WESTERN RED CEDAR



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

WESTERN RED CEDAR

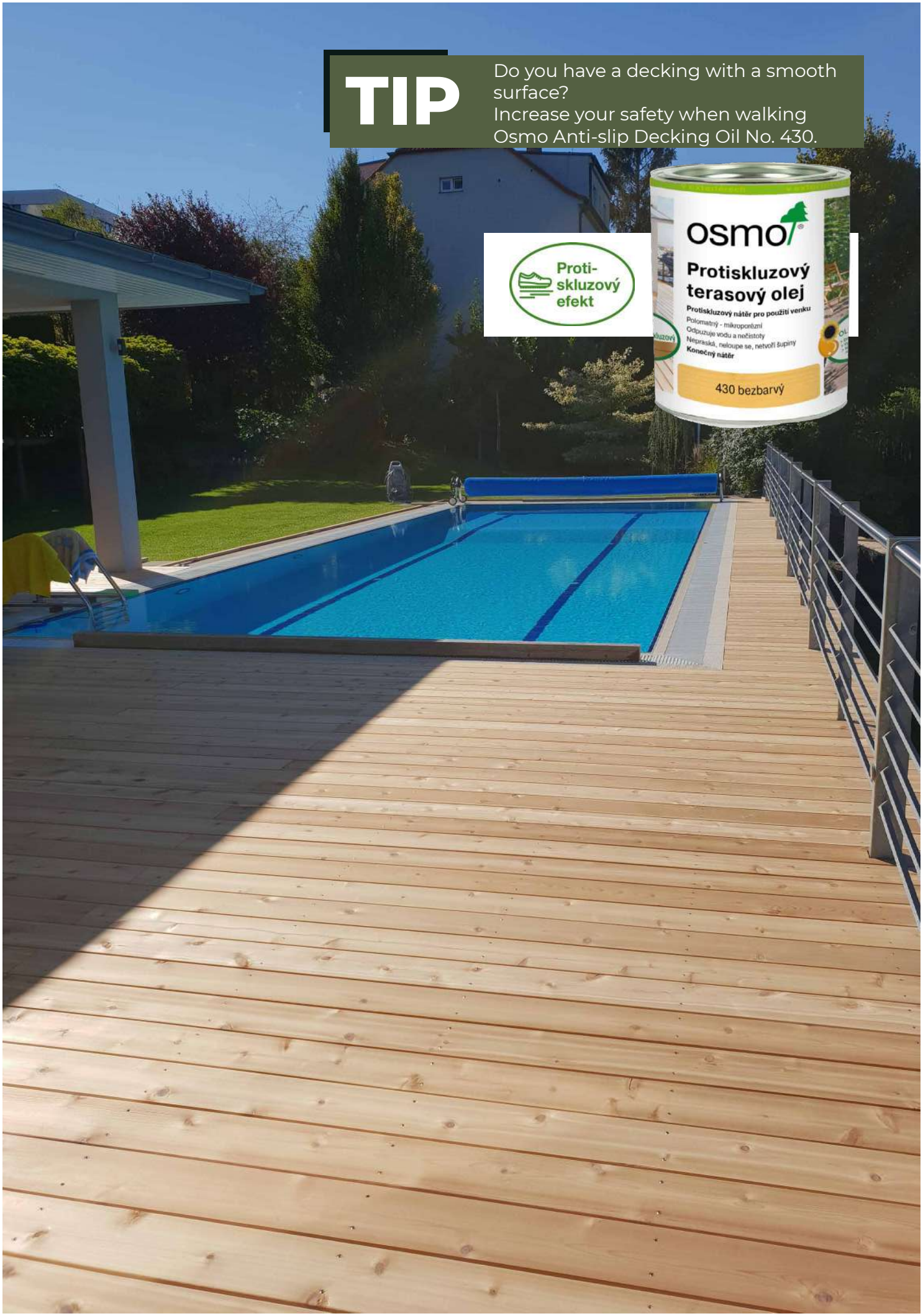
DECKING BOARD

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

DESCRIPTION:

Wood is whitish, sapwood 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, shows an evenly smooth surface, can be polished and surface treated well. Depending on the production process, the moisture content of the wood on delivery is 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). The range of the western red cedar is western North America from Alaska to California and eastward to Montana. The trunks can grow to a stature of up to 25 m without sap. The trees can reach an age of up to 1000 years. The wood of the western red cedar is relatively winter-hardy.

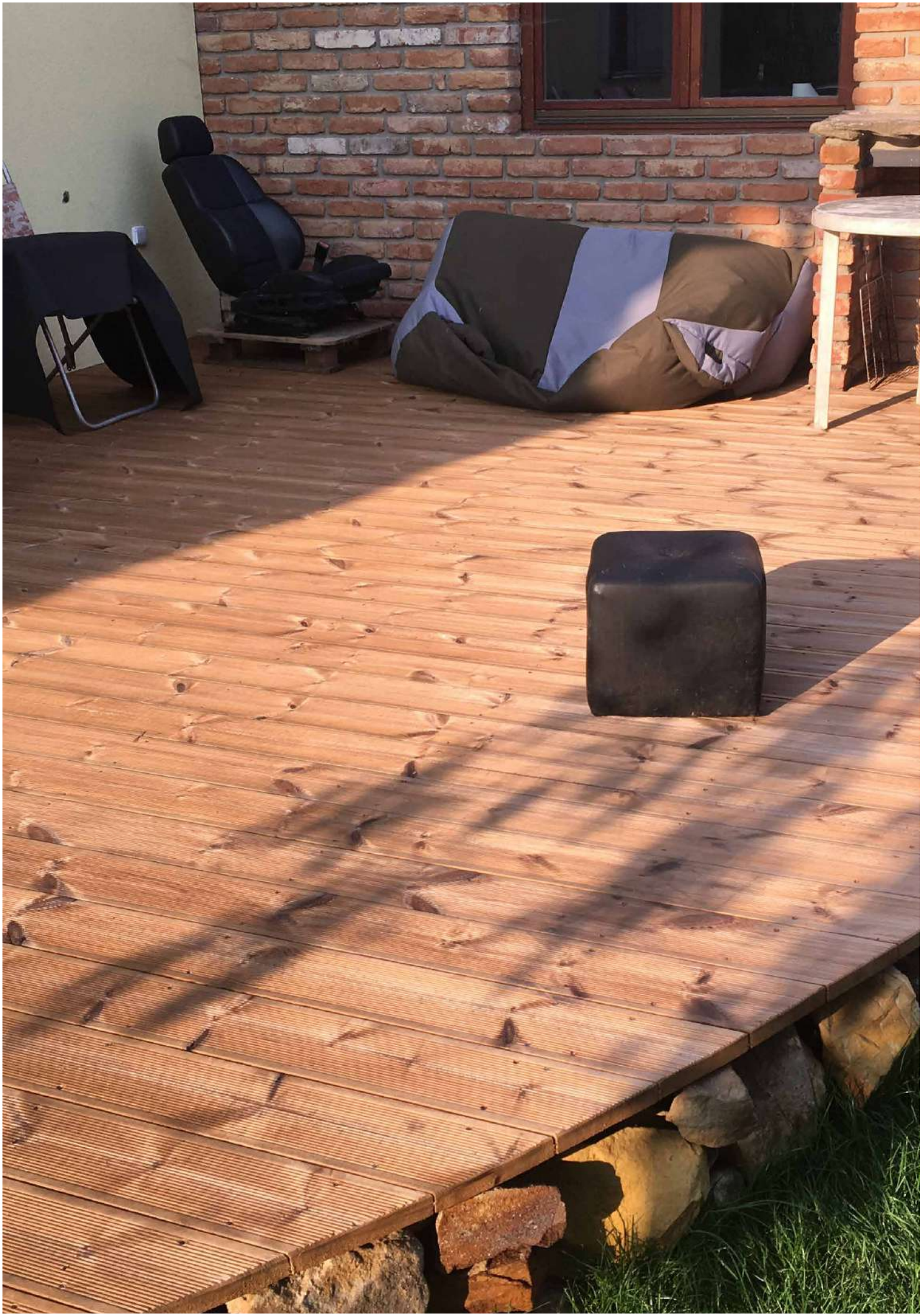
DENSITY OF WOOD: ca 340-460kg/m^3


TIP
Do you have a decking with a smooth surface?
Increase your safety when walking Osmo Anti-slip Decking Oil No. 430.
Proti-
skluzový
efekt
osmo
Protiskluzový terasový olej
Protiskluzový nátěr pro použití venku
Polomatný - mikroporézní
Odpuzuje vodu a nečistoty
Nepraská, neloupe se, netvoří šupiny
Konečný nátěr
430 bezbarvý

FINNISH PINE

Untreated and pressure impregnated

Finnish pine is found in Scandinavia. Compared to Central European relatives, it has more heartwood, which is more resistant to moisture. Thanks to slow growth and a large amount of resin, it is more resistant and has 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 yellowish or reddish white, heartwood reddish yellow, darkening to brownish red.
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 mixed with the impregnating agent. These brownish salt blooms will weather over time.

DENSITY OF WOOD: ca 500 kg/m^3

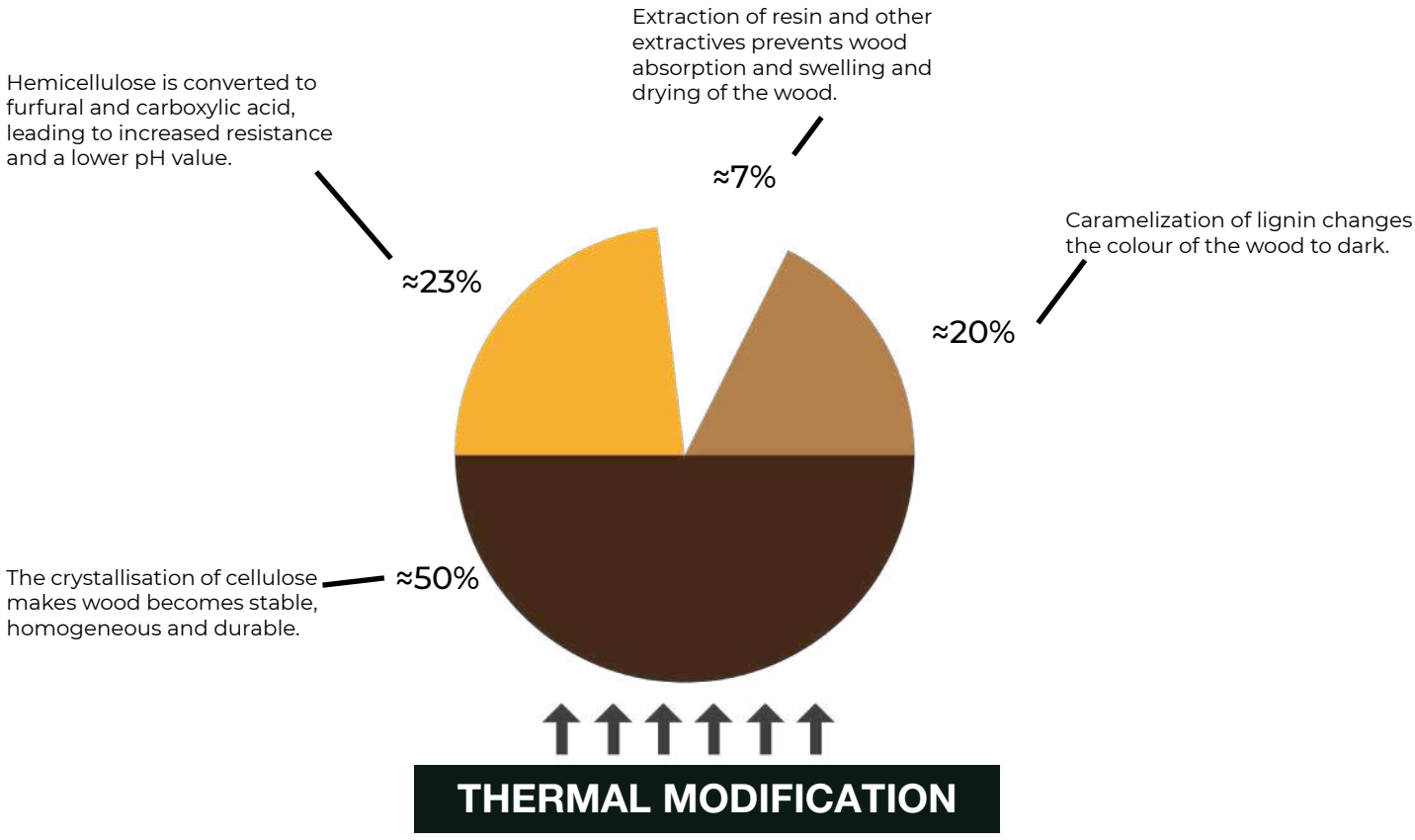
DECKINGS FROM THERMO WOOD


What is Thermo - Youtube:

Natural state of **THERMOWOOD**

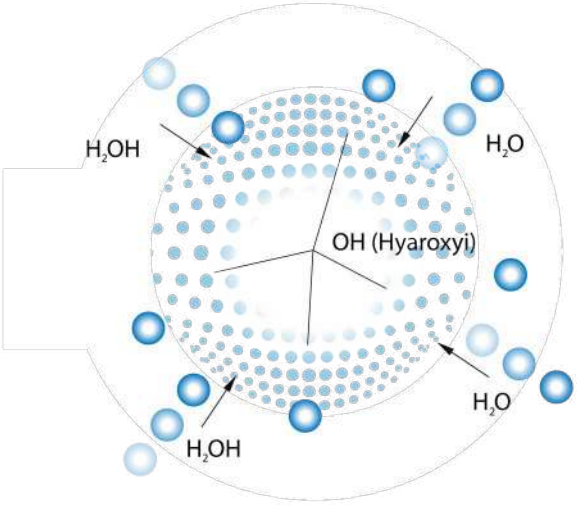
Why does thermally modified wood generally get high marks for increasing stability and durability? Heat treatment increases the stability and durability of wood. Wood is composed of 50% cellulose, 23% hemicellulose, 20% lignin and 7% other organic compounds called extractives or tannins. Heat treatment 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 breaks down into furfural* and carboxylic acid. Heat-induced caramelization of lignin results in darkening of the original shade of the wood.

*furfural - an organic compound contained in hemicellulose

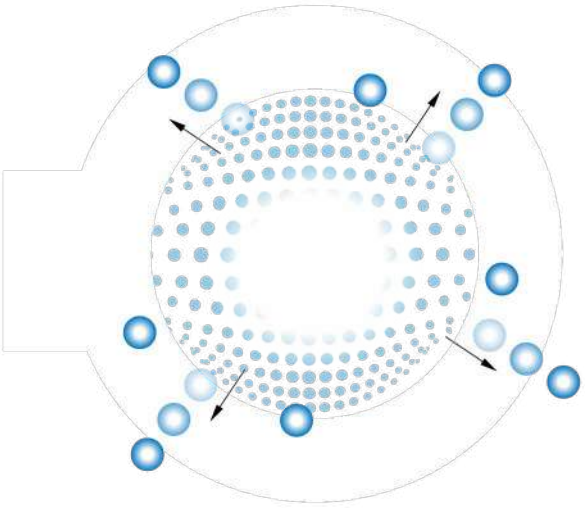


PROCES THERMOWOOD

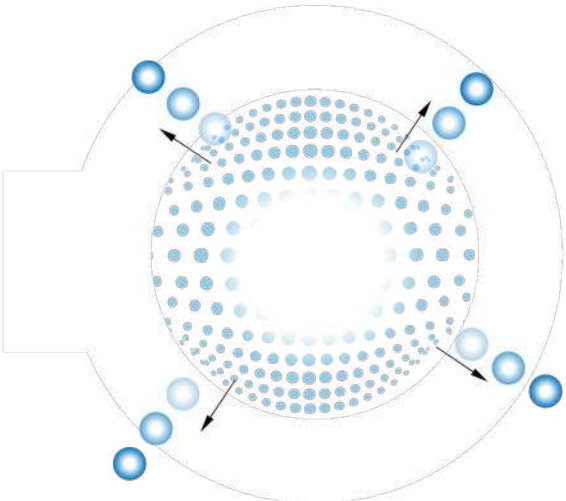
H2O and OH move inside the wood.



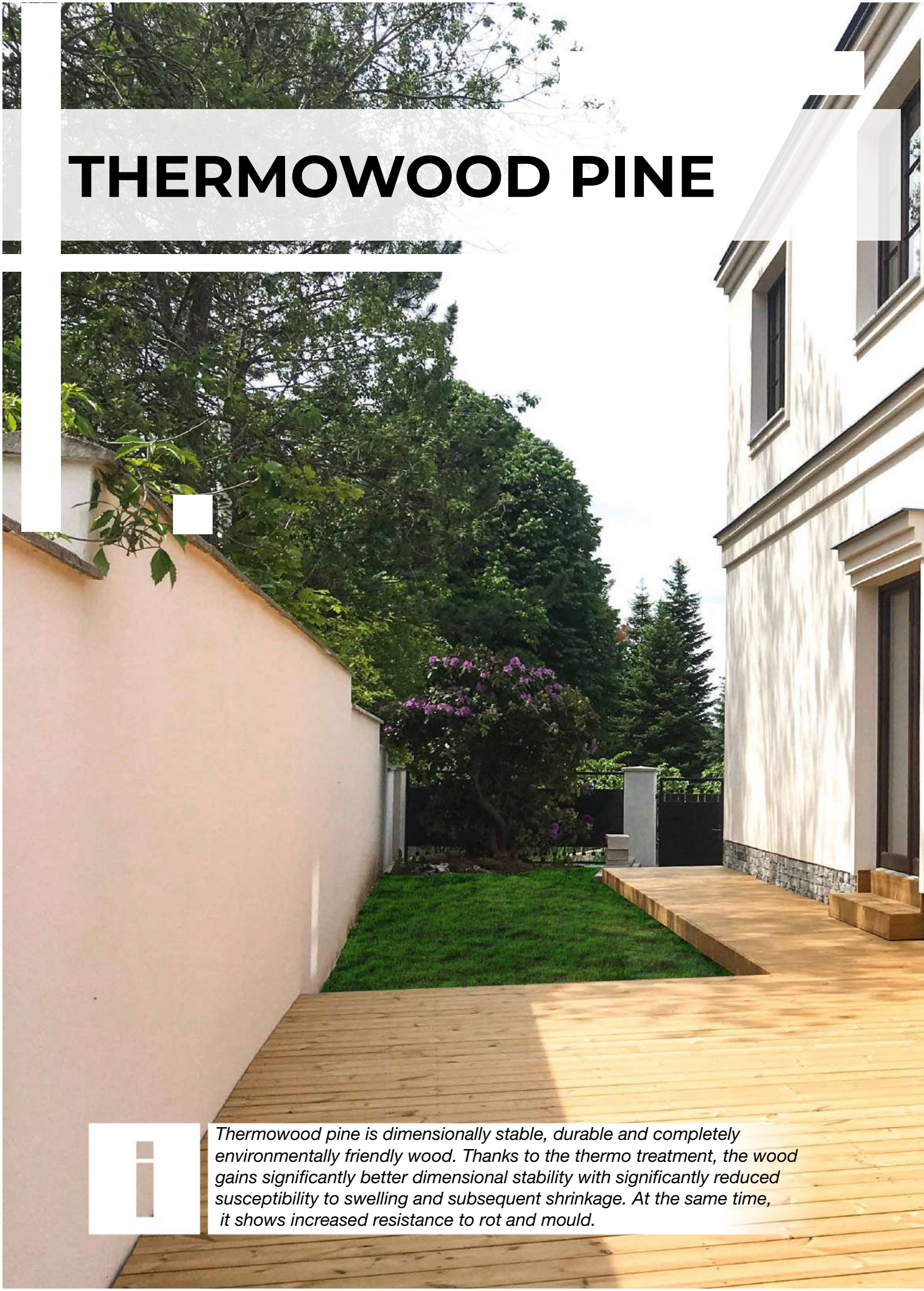
By regular drying (up to 90°C), the cell of the wood releases free water.



The Thermowood process (212°C) turns the cell into a water-bound (hygroscopic) OH is released from the cell and the moisture content of the wood is rapidly eliminated.



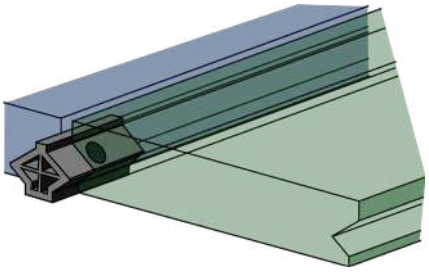
THERMOWOOD PINE



Thermowood pine is dimensionally stable, durable and completely environmentally friendly wood. Thanks to the thermo treatment, the wood gains significantly better dimensional stability with significantly reduced susceptibility to swelling and subsequent shrinkage. At the same time, it shows increased resistance to rot and mould.


Decking installation YouTube

Detail of the clip anchorage:



THERMOWOOD PINE

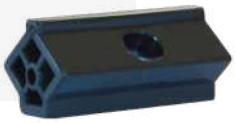
DECKING BOARD

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

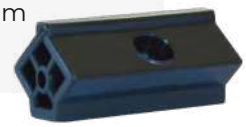
Face side = smooth
Dimensions: 26 x 118 mm
Length: 1,8 - 6 m

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 at all 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 environmentally 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 Thermo wood. Modern technology controls the entire production process and an even finish throughout the entire cross-section is guaranteed. Thanks to this treatment, the pine changes its original natural light yellow shade to a natural slightly dark colour. The timber gains significantly improved dimensional stability, which reduces the wood's susceptibility to warping, swelling and subsequent shrinkage. 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: ca 450 kg/m^3

THERMOWOOD ASH

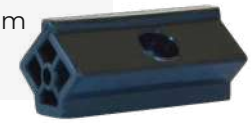
The ash tree is thriving in growth throughout Europe. It offers an interesting wood structure with almost no knots. Thermowood ash is environmentally friendly, durable and dimensionally stable wood. It is highly durable mould resistant, has exceptional durability, incomparable stability and beautiful rich colour.


Installation of decking 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 180 - 212 °C by a computer-controlled method in a special furnace where thermo-treatment is used. 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 means that it is a choice quality of wood and visually excellent workmanship. The double endless joint on the cross side of the boards allows for easy and quick installation with a locked double joint and minimal pruning, or significant material savings.

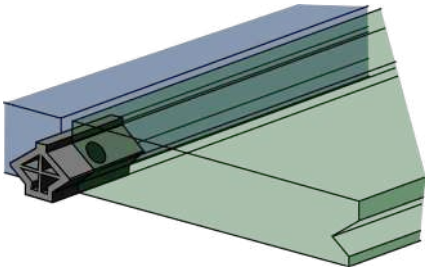
ECOLOGY
No chemicals of any kind are used in the various processing operations.

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

DIMENSIONAL STABILITY
The susceptibility of the wood to deformation or swelling and subsequent shrinkage is reduced by up to 60%. Moisture fluctuations are virtually stopped thanks to heat treatment.

DENSITY OF WOOD: ca 620kg/m³

Detail of the clip anchorage:



CLEANING, CARE AND MAINTENANCE OF THE DECKING

Decking cleaning YouTube:

1

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

2

If the wood is greyed, revive its natural colour again with Osmo Wood Reviver No. 6609 in the form of a thick gel. First, however, moisten 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 and afterwards rinse the surface with a large 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 paint of Osmo Decking Oils.

6

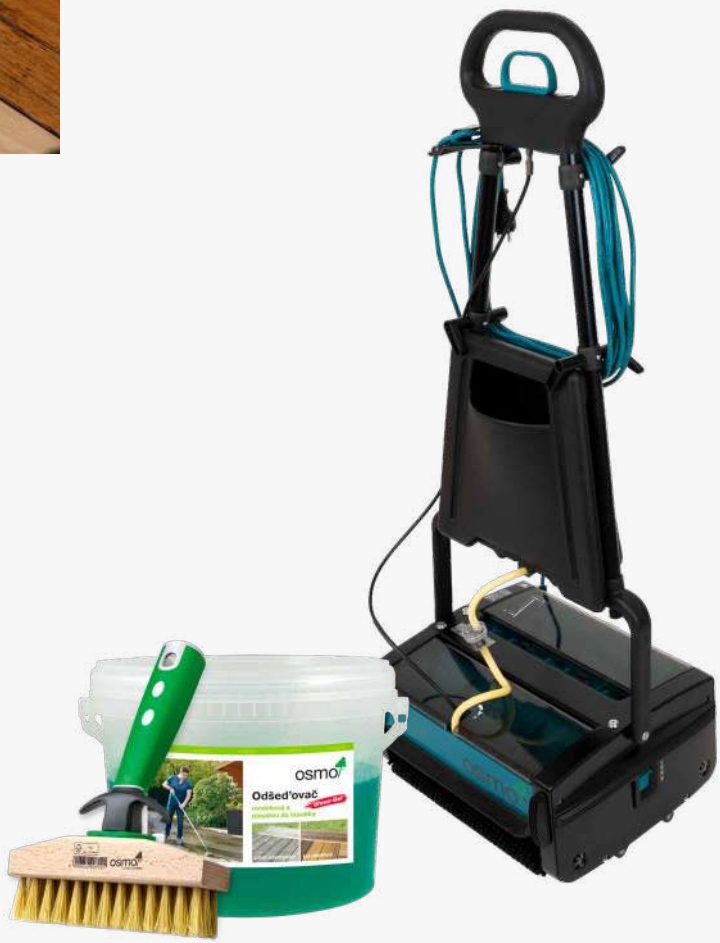
Osmo Decking Oils will smooth the surface of the wood, which will repel water and dirt. First, mix the decking oil thoroughly with a stirring stick.

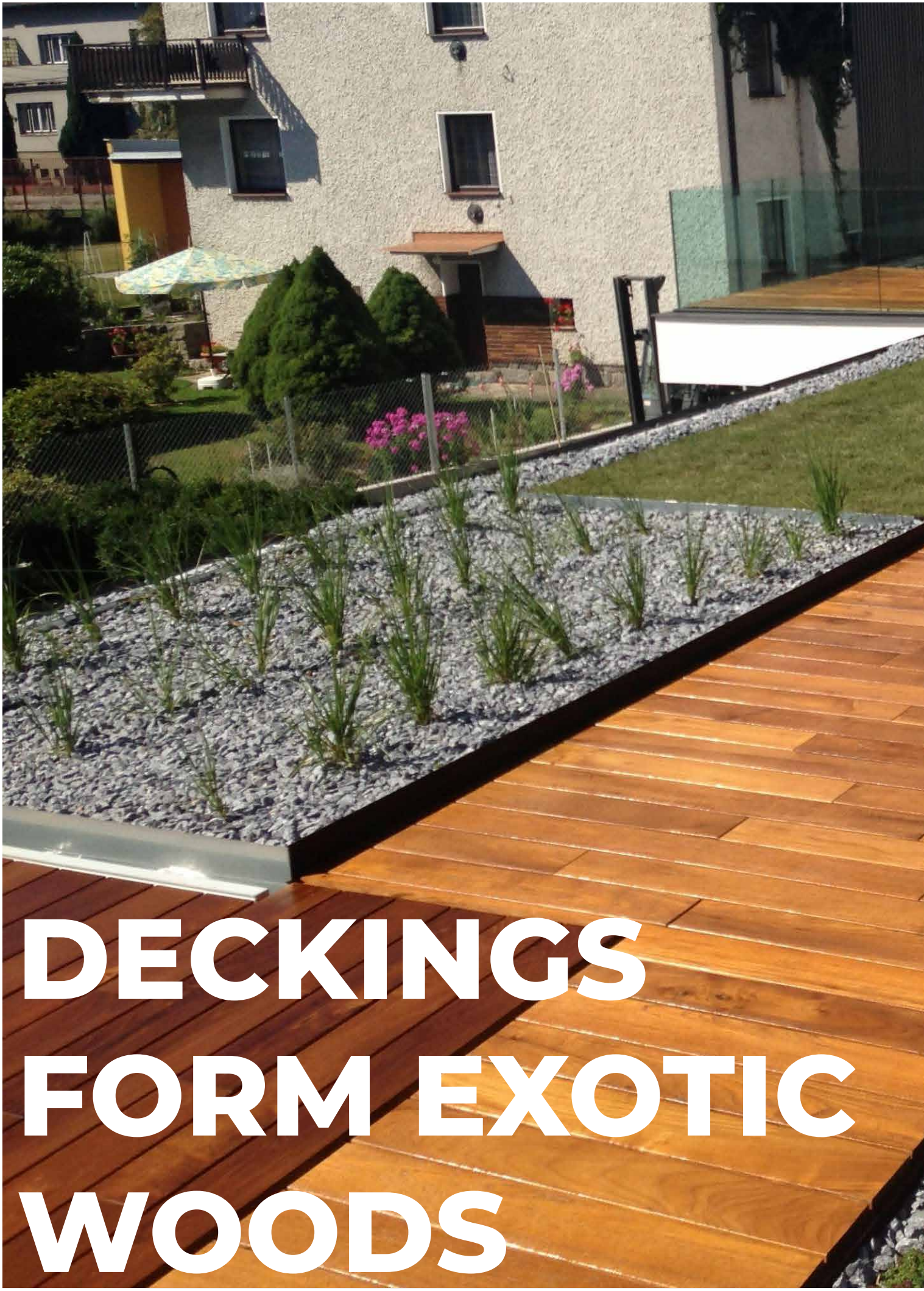
7

A little mixed oil pour into the paint tub (included in the handy Osmo Decking Kit).

8

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





DECKINGS FORM EXOTIC WOODS

BANGKIRAI *YELLOW BALAU*

Bangkirai wood is one of the most popular woods for decking and is generally regarded as strong and very hard.

TIP

Protect your wood from suction moisture from the front cutting edges with OSMO END GRAIN SEALING WAX No. 5735.

BANGKIRAI

DECKING BOARD

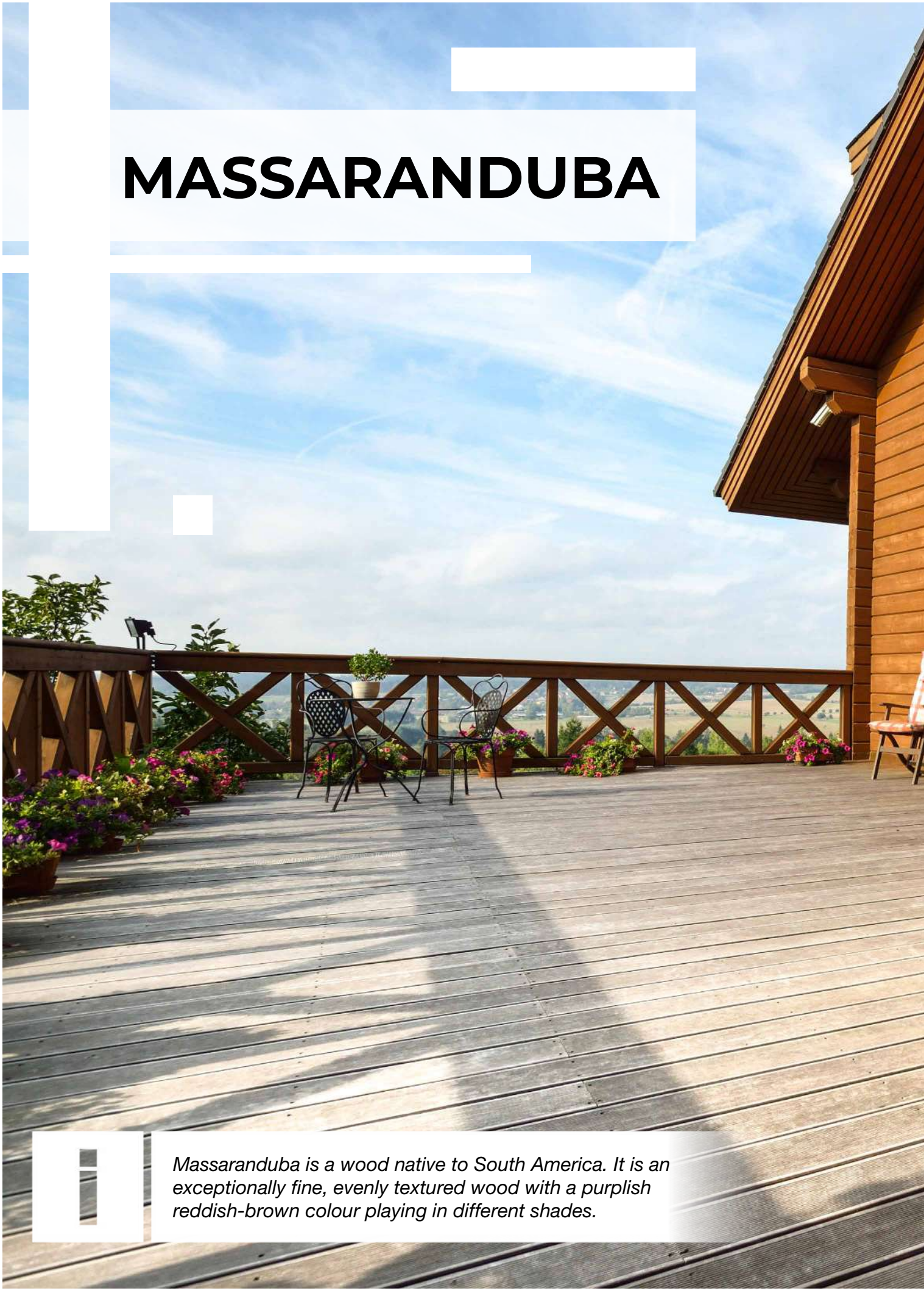
Face side = reeded
Dimensions: 25 x 145 mm
Length: 1,8 - 5,7m

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 often darkens to olive brown. Colour differences between individual boards are natural and usual. As one of the hardiest woods, Bangkirai Yellow Balau is highly resistant to mould and insects. The inflorescences 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: ca 850-960kg/m^3

MASSARANDUBA



Massaranduba is a wood native to South America. It is an exceptionally fine, evenly textured wood with a purplish reddish-brown colour playing in different shades.

MASSARANDUBA

DECKING BOARD

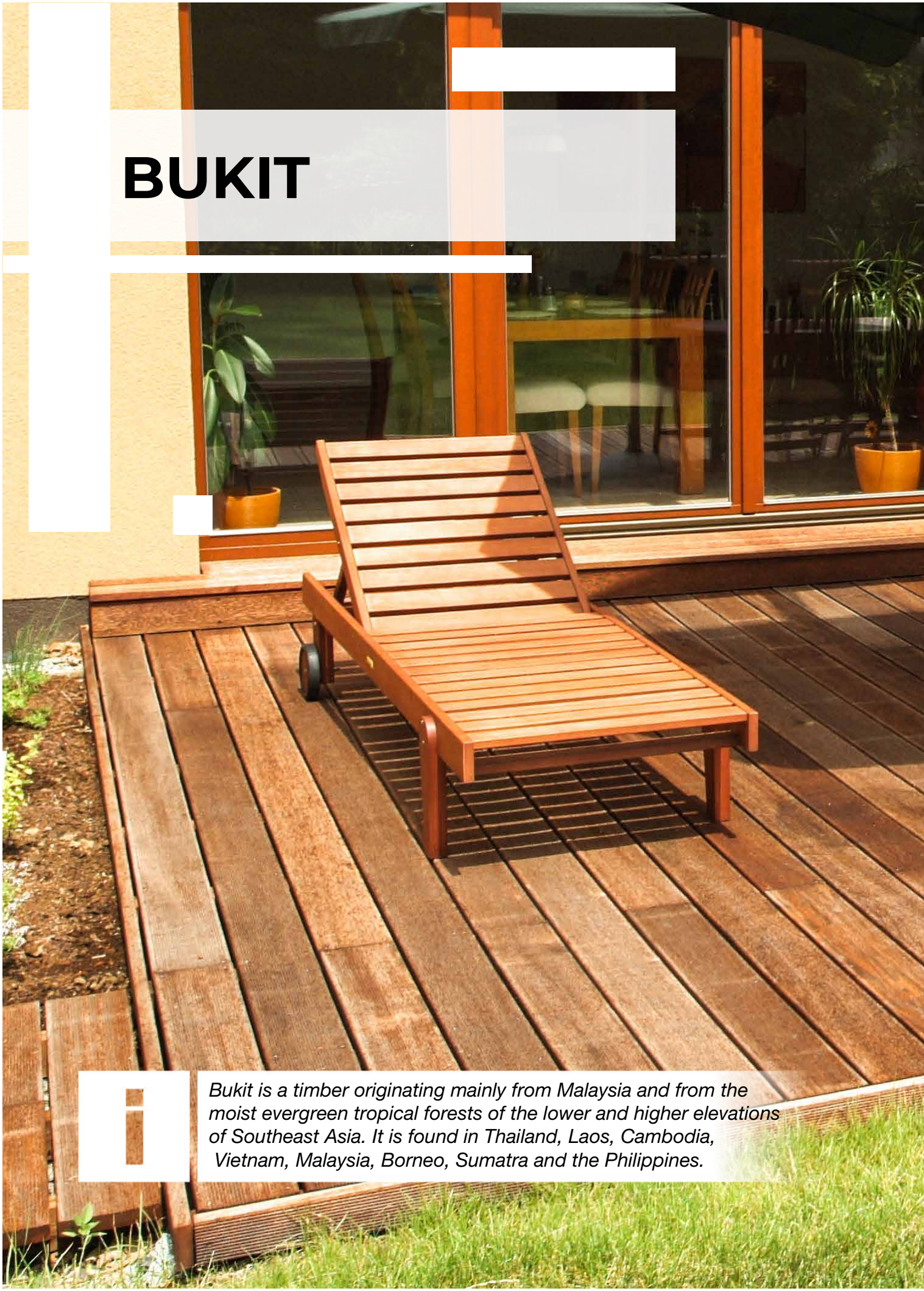
Face side = reeded
Dimesions: 21 x 140 / 145 mm
Length: 1 - 6 m

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 patio planks 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 phase of exposure to weather conditions. This wood has an above-average dulling effect during machining and must therefore always be pre-drilled when joining with stainless steel screws. Massaranduba is characterised by a marked difference between tangential and radial slump, and it is therefore imperative 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 uniform swelling and shrinkage.

DENSITY OF WOOD: ca 900 - 1100kg/m^3

BUKIT



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

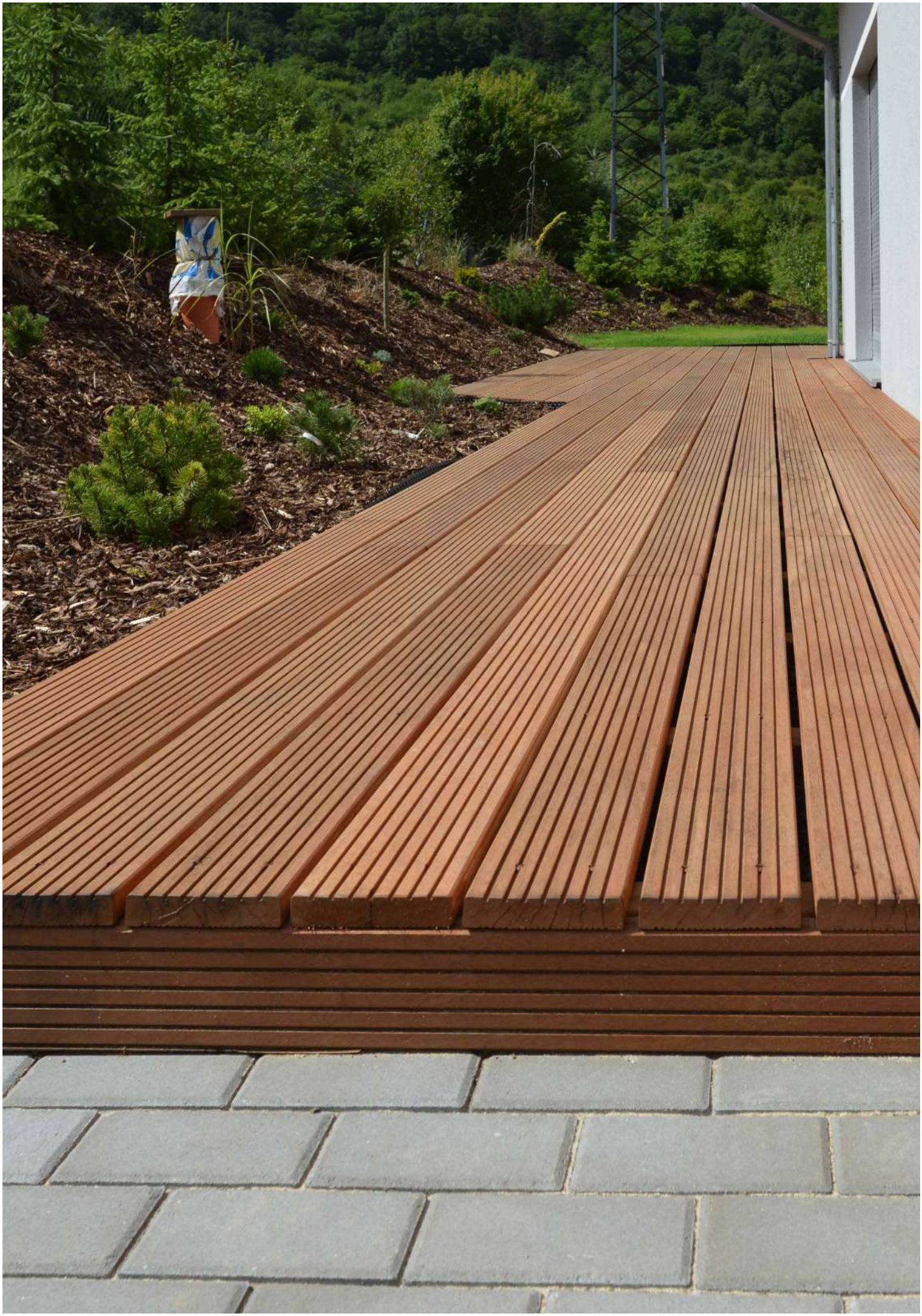
Face side = smooth
Dimensions: 18 x 140 mm
Length: 1,8 - 4,8 m

Face side = reeded
Dimensions: 19 x 90 mm
Length: 1,8 - 4,8 m

CLIP
Face side = grooved
Dimesions: 28 x 145 mm
Length: 2,4 - 4,5 m

DESCRIPTION:
Bukit heartwood has a yellowish-brown to greenish appearance when fresh, often with bands of whitish to grey. Bukit wood belongs to the category of medium-heavy woods. The wood's leaflets and grain are poorly distinguishable. Drying makes the terrace wood more stable and dimensionally stable. When fresh, the heartwood has a reddish-brown to brown hue. The colour differences between the individual planks are natural and usual. The heartwood, which does not always shed its lighter whiteness, is highly resistant to mould and insects. 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 for laying wooden terraces 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 forest. Commonly found in lowland coastal forests in India-Malaya region of Southeast Asia.

MERBAU

DECKING BOARD

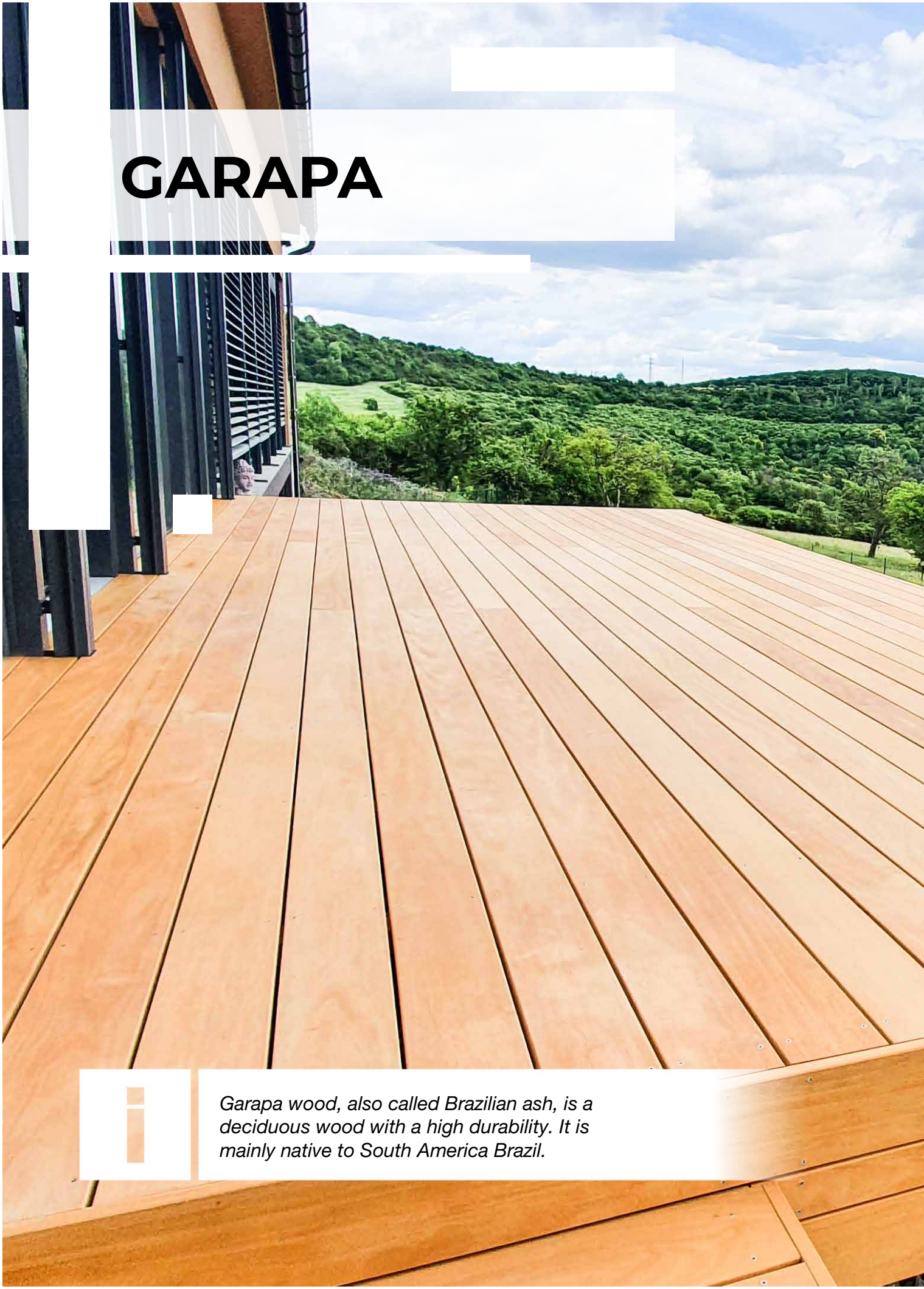
Face side = reeded
Dimensions: 25 x 145 mm
Length: 1,8 - 4,5 m

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

DESCRIPTION:
Merbau terraces are supplied air-dry 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 leaf rings are not noticeable and the dry wood is odourless. In timber 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 phase of exposure to weather conditions. In order for a wooden terrace to function properly, it is absolutely essential to follow the basic rules for laying wooden decking 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 uniform swelling and shrinkage.

DENSITY OF WOOD: 750-850 kg/m^3

GARAPA



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

GARAPA

DECKING BOARD

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

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

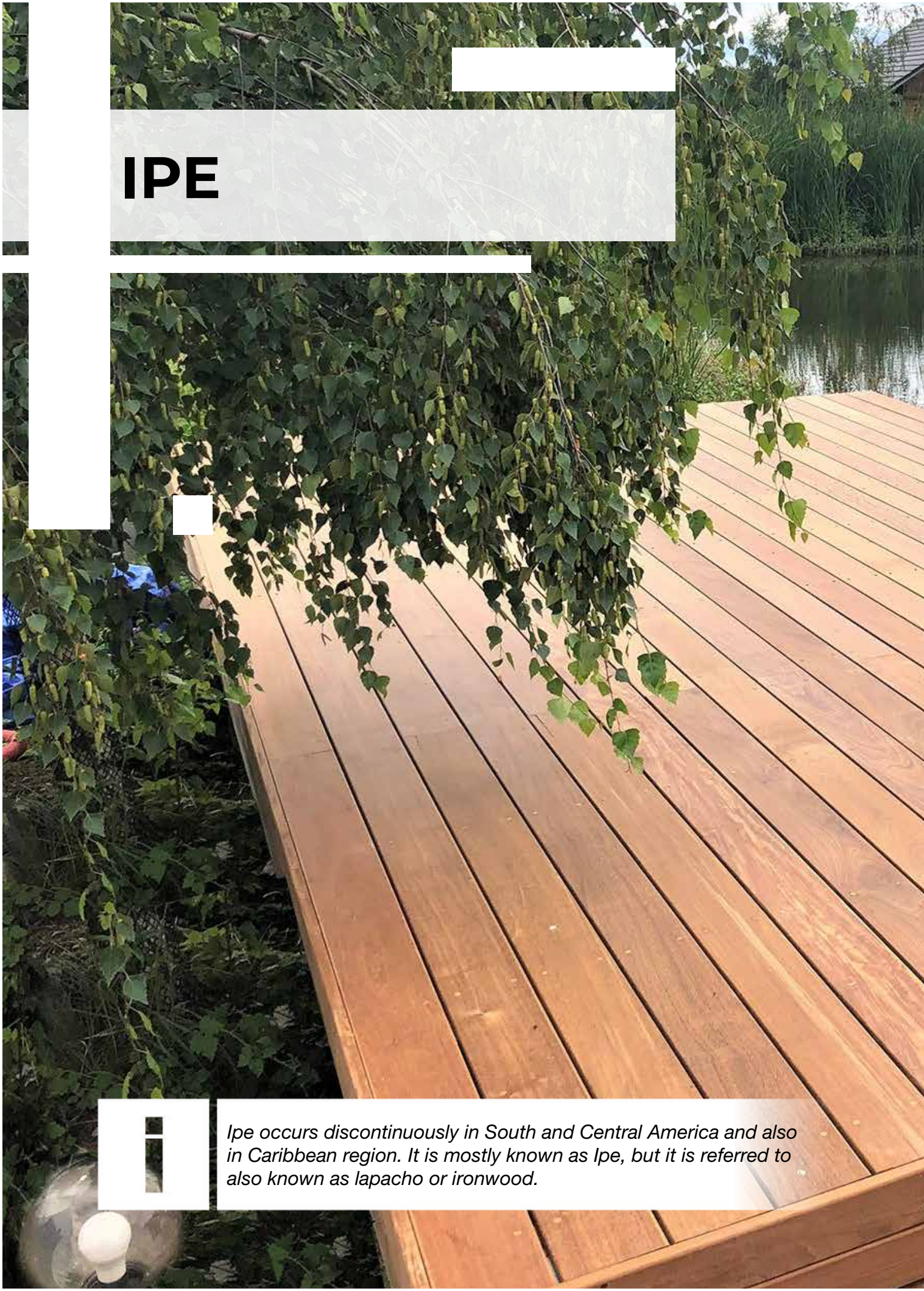
Face side = smooth
Dimensions: 22 x 145 mm
Length: 2,4 - 4,5 m

Face side = smooth
Dimensions: 19x90 mm
Length: 1,8-6 m

DESCRIPTION:
The heartwood ranges from yellow, yellowish beige to light brown, gradually darkening to brown. The sapwood is yellowish white. In different angles of light it appears to go from a light shade to a dark colour. Uniform texture with a smooth surface and a slight natural sheen. 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/m^3

IPE



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

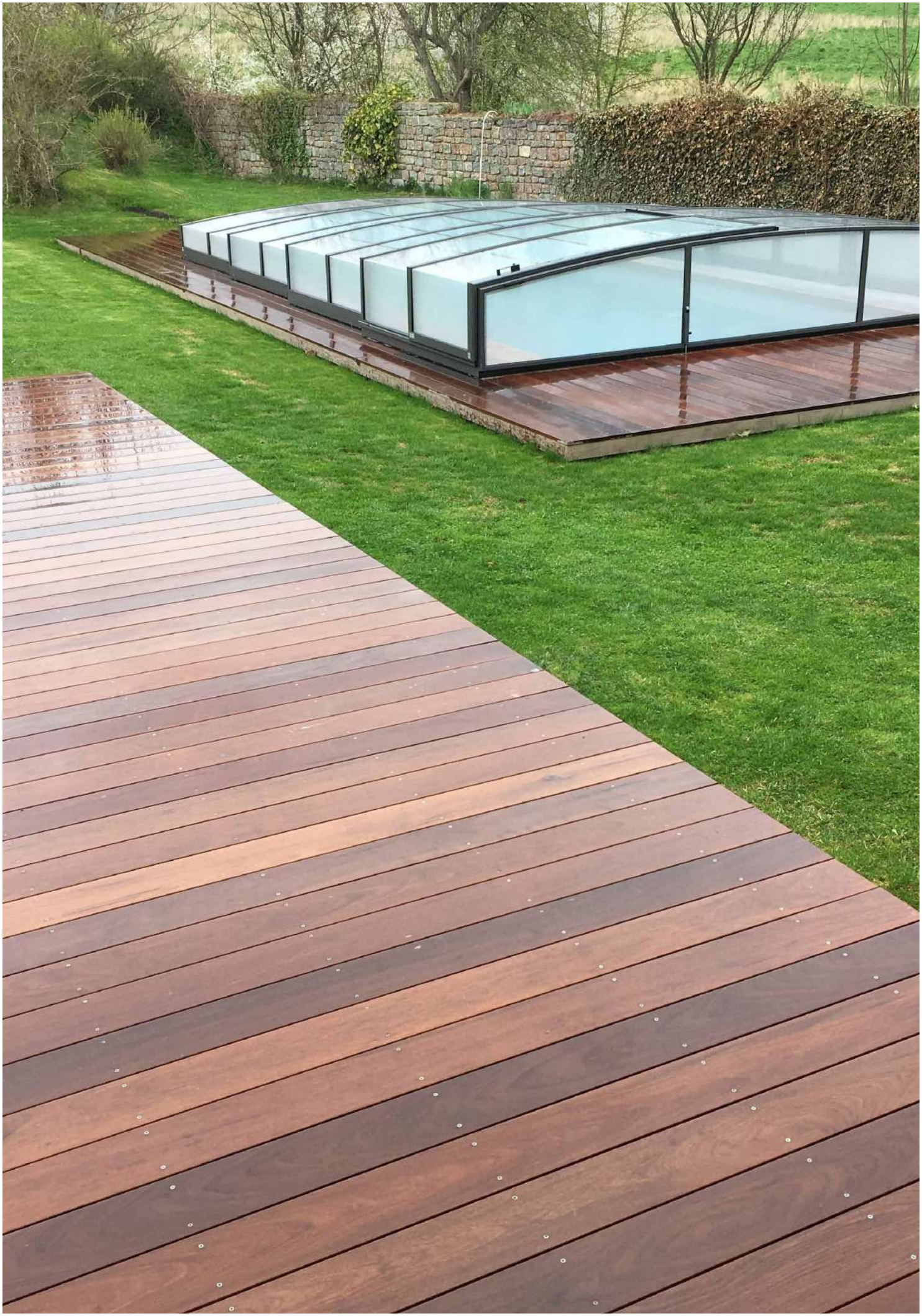
IPE

DECKING BOARD

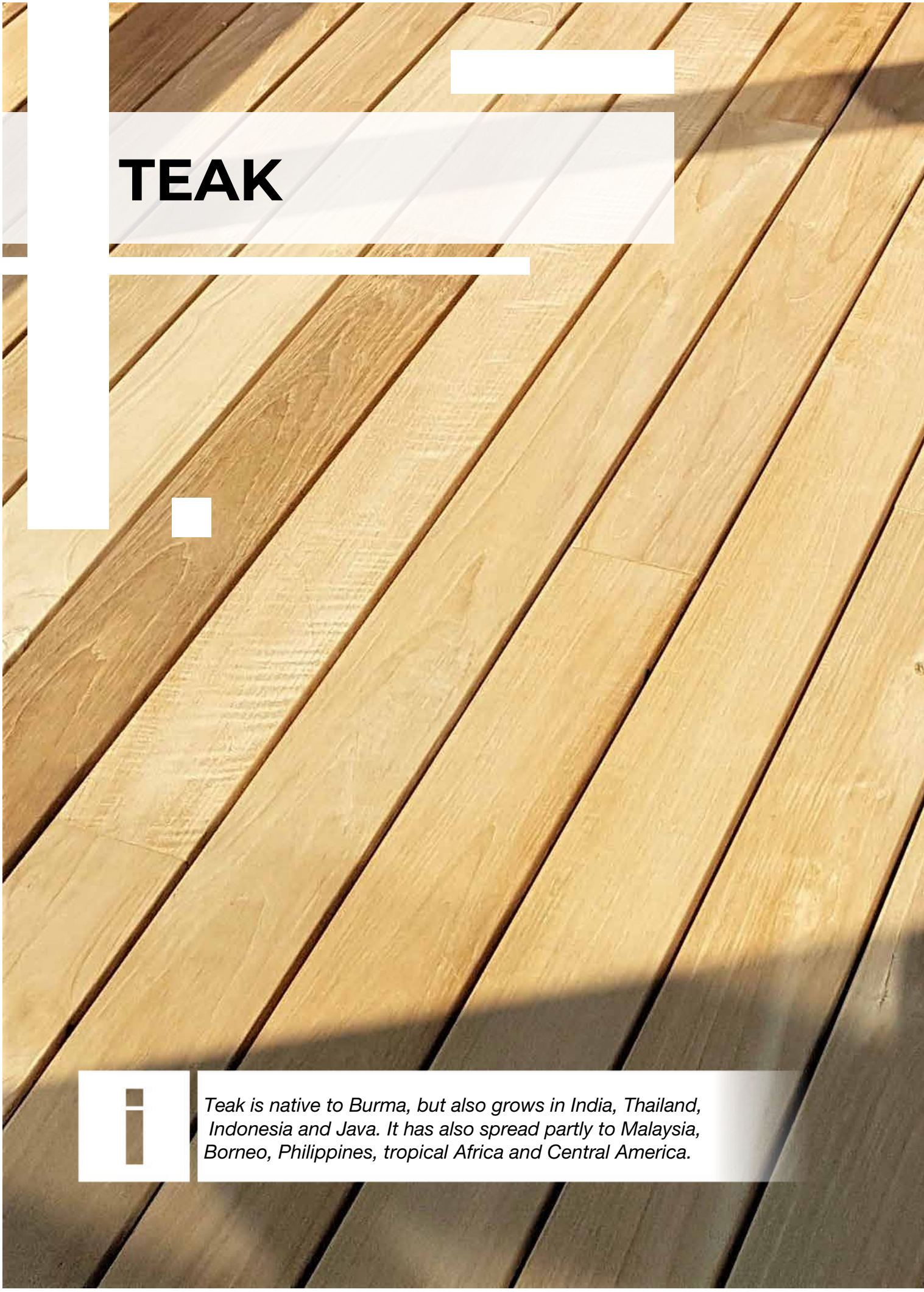
Face side = smooth
Dimensions: 21 x 145 mm
Length: 1 - 6,1 m

DESCRIPTION:
In Ipe, the greyish to reddish white sharply shades into light olive greenish brown heartwood darkening into greenish brown to brown zones. Intermittently streaked to mottled in the radial section, the wood dull glossy. It has a pronounced dulling effect when processed with high cutting resistance and therefore the wood must always be pre-drilled when joining with stainless steel screws. Fine grooves on longitudinal cuts with light yellow filler (Lapachol).

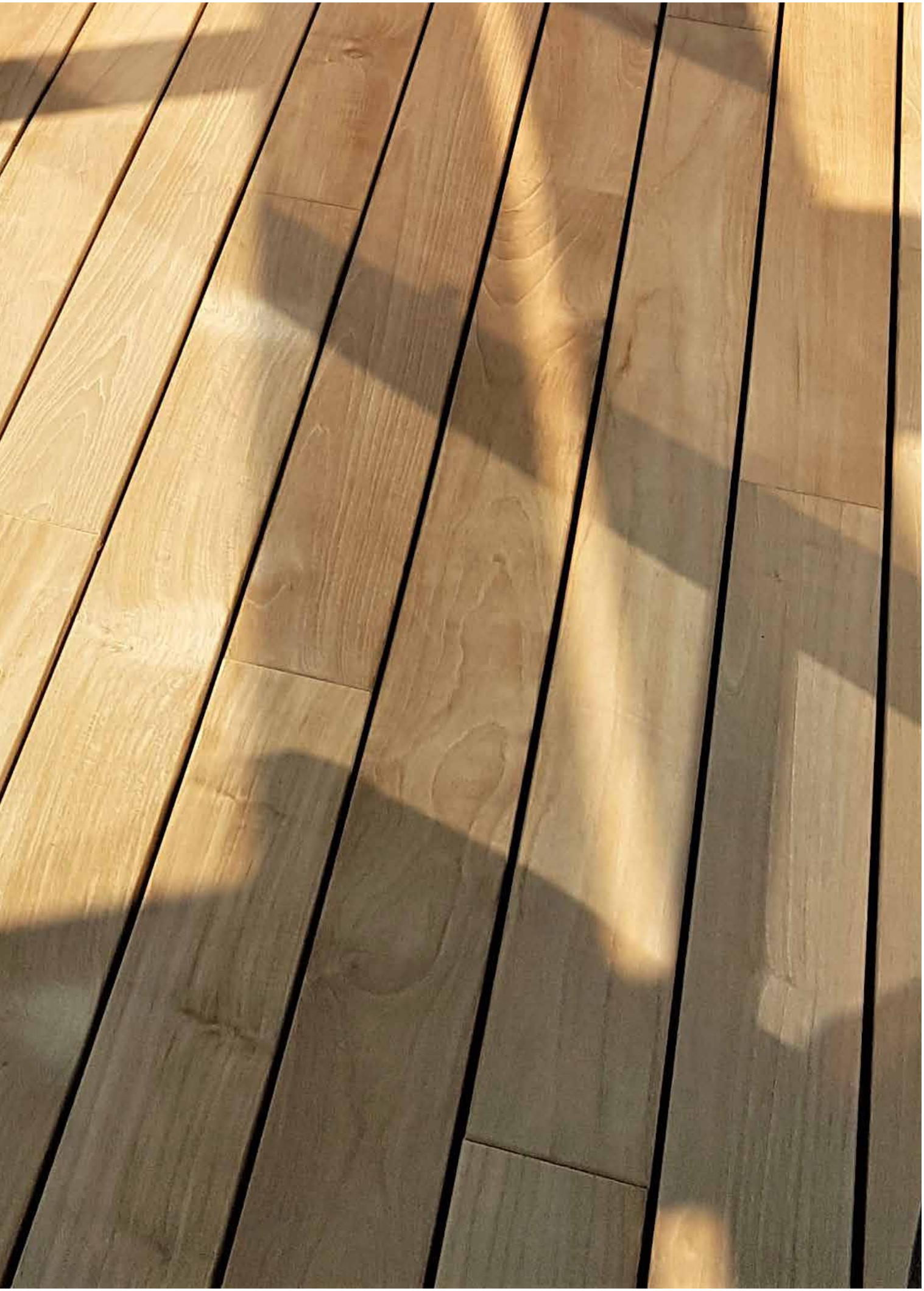
DENSITY OF WOOD: 1200 kg/m³



TEAK



Teak is native to Burma, but 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

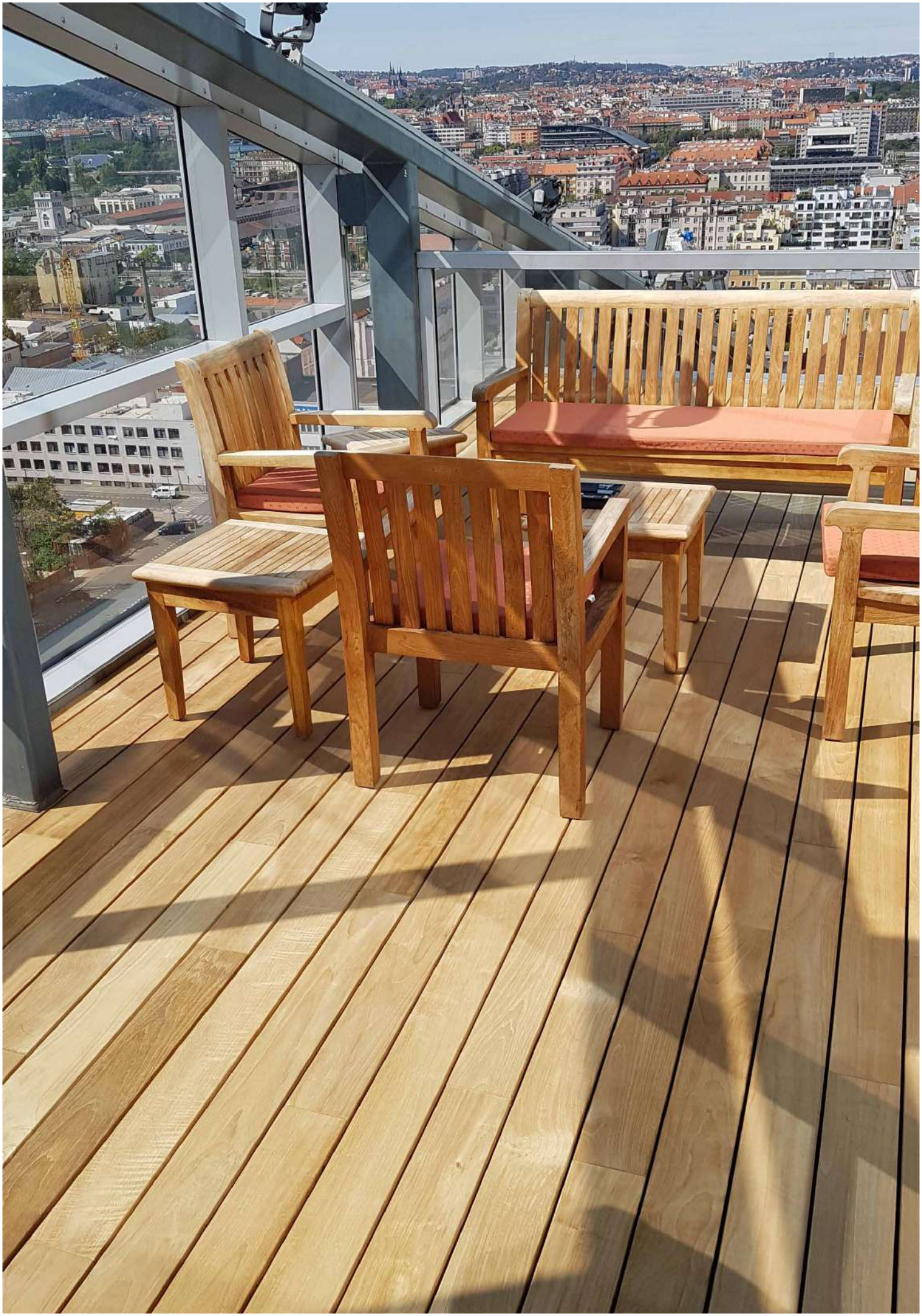
CLIP
Face side = smooth
Dimesions: 20 x 120 mm
Length: 0,8-2,5 m
- we take out of storage only 20% of lengths up to 1m and 80% of 1 - 2.5m

CLIP
Face side = reeded
Dimesions: 20 x 90 mm
Length: 0,8-2,5 m
- we take out of storage only 20% of lengths up to 1m and 80% of 1 - 2.5m

Details of connection

DESCRIPTION:
Teak certainly deserves its excellent reputation for strength, durability, stability in varying atmospheric 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/m^3



UNDERCONSTRUCTION AND HEIGHT ADJUSTABLE TARGETS AND FASTENERS

UNDERCOSTRUCTION

Siberian Larch

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

Czech larch

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

Pine with brown pressure impregnation

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

Thermo pine

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

Thermo pine

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

Exotic wood

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

Exotic wood

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

Exotic wood, adjustable vertically and horizontally

Dimensions: 45 x 70 mm
Length: 3 + 4m

Aluminium profile

Dimensions: 40 x 60 mm
Length: 4 m

ADJUSTABLE TARGETS

BASE - LINE Adjustable targets BASE-Line

BASE 1

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
10000	BASE 1	25 - 40	2,2	50

BASE 2

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
10001	BASE 2	35 - 60	2,2	50

BASE 3

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
10002	BASE 3	60 - 110	2,2	30

BASE 4

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
10003	BASE 4	110 - 210	2,2	20

*The shown load capacity values are recommended values. For this device, the adjustable targets will only deform by approx. 2 mm. The load capacity after possible breakage is many times higher.

** The BASE adjustable target comes standard with a BASE L-adapter and screws for the adjustable target.

Profi-Line adjustable targets with modular system

Innovative, versatile, flexible and easy to use!
The Profi-Line range of adjustable targets consists of six adjustable targets of different heights, where the mounting height can be varied by means of additional rings and additional plates.

PRO S

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
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.

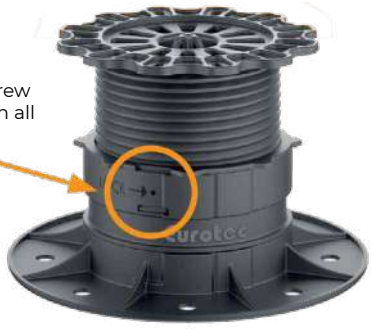
PRO M

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
946071	PRO M	53 - 82	8,0	10

PRO L

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
946072	PRO L	70 - 117	8,0	10

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



*The shown load capacity values are recommended values. For this The adjustable targets will only deform by approx. 2 mm. after any breakage is many times higher.

PRO XL

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
946079	PRO XL	74 - 168	8,0	10

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

L-adapter

-for classic wooden bottom structures or modern aluminium structures

Additional rings (extra rings)

Order no.	Label	Mounting height [mm]	Load capacity [kN]	Packaging per
946074	additional ring + 4	40	8,0	10
946073	additional ring + 10	100	8,0	10

To increase the height adjustable targets PRO and SL PRO

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

L-adaptér

Order no.	Label	Packaging per
946075	L-adaptér	10

INCLUDING

screws for adapter

For wooden profiles

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

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