

## DECKING

WOOD AND BPC  
DECKING TILES  
ACCESSORIES





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THIS IS OSMO





# WOOD MEETS COLOUR

**WOOD, DURABLE AND STABLE.** A tree grows into a solid quality over 100 years. Osmo has gathered experience working with wood during its 100 years as a company. Our attention and expertise goes into the correct processing and long-term protection of wood as a valuable construction material.

**COLOUR THAT PROTECTS.** Only a finish that fits the needs of wood can retain the natural beauty and durability of this material in the long term. As early as 40 years ago, Osmo, as a pioneer in this field, developed its microporous, natural oil and wax-based wood finishes.

**THE CONNECTION.** Our passion for wood and wood finishes at Osmo flows into constant product research and development. Up to now Osmo is still the only company which completes its value-adding chain with internally developed and produced wood finishes.

**Wood and colour from one company – a combination which you can rely on.**





THIS IS OSMO



OUR FUTURE



## WOOD PROTECTS OUR CLIMATE

Since 1850, the CO<sub>2</sub>-concentration in the atmosphere has increased by approximately 25% and the average temperature has risen by 0.7 degrees Celsius. The results are more than dramatic: droughts, tsunamis, flooding and hurricanes. During the Rio environmental conference, the international community agreed to reduce greenhouse gases. Nevertheless, no exact guidelines or measures have ever been put into place. Can we not do more to save our environment? Or do we already have a solution? One part of the larger solution could be forestry:

As early as 1713, Hans-Carl von Carlowitz was already using the term sustainability in connection with the forestry industry. Sustainability means the conscious use and handling of available forestry resources – not harvesting more trees than are being planted. Long-term planning for multiple generations is a must for success. It takes decades or even centuries until a tree has grown and becomes fully suitable for use as wood. Osmo has been supporting this way of thinking for many years and proudly offers certain products which are FSC® certified. Wood is a renewable raw material which, if we work with this great natural product correctly, will still be available for centuries. And even long after the oil reserves have been exhausted.

Whilst growing a tree absorbs and permanently stores carbon dioxide out of the surrounding atmosphere. One m<sup>3</sup> of wood can store up to one tonne of the harmful CO<sub>2</sub> and first releases it again after the tree has died. In a normal forest, trees begin to give off the CO<sub>2</sub> after they die and begin to rot, whereas in a commercially used forest (where trees are harvested for processing) the tree can store CO<sub>2</sub> significantly longer. The manufacturing process of products, such as decking boards or screens etc., means that the CO<sub>2</sub> remains stored within the wood – it is withdrawn from the environment. Managed, renewable forests can positively affect the CO<sub>2</sub> balance. Wood absorbs and stores CO<sub>2</sub> very effectively and, due to its vast range of uses, it is an excellent alternative to other materials and products which damage the environment during processing. As long as we keep the words and thoughts of Hans-Carl von Carlowitz in mind, and take them to heart, more CO<sub>2</sub> will be absorbed from the atmosphere by forestry than is released for many centuries to come.

**It's up to us: wood creates quality of life – for you and the environment. So join us ...**



Das Zeichen für  
verantwortungsvolle  
Waldwirtschaft

www.fsc.org  
Zert.-Nr. IMO-COC-024334 © 1996  
Forest Stewardship Council

WOOD: A RENEWABLE  
RESOURCE



## DECKING



THERMO PINE WITH  
BRUSHED SURFACE



## TIMBER DECKING

Wood creates an atmosphere and feels great. But wood is not always wood. Depending on taste and technical requirements, you can choose your preferred wood species from our comprehensive range.

Bangkirai, Tali, Garapa, Cumaru,  
Mandioqueira, Ipe, Pine, Larch,  
Douglas Fir

Thermo Ash, Thermo Pine

Multi-Deck 



T+G

## FLEXIBLE WITH T+G CONNECTION

Osmo T+G decking is available in all wood species. An especially designed tongue and groove connection allows a continuous installation of boards.

- > Quick and easy installation
- > Less scrap
- > Random laying patterns possible
- > High stability



WITH CLIP

## CHIC WITH CLIP

Smooth surfaces are current in fashion. Is there anything more disturbing than screw heads disrupting the calming appearance? Our Clipper is an allround talent, which can be used with almost all wood species. For Thermo Ash or Multi-Deck, there are also specialized clips for hidden fixation.

- > No protruding screw heads
- > Elegant, uniform appearance





The deck is my favourite place at home. I enjoy the fresh air, the great outdoors and the warm wood. Every day.

TIMBER DECKING





## DECKING



BEAUTIFUL AND NEARLY  
INDESTRUCTIBLE

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## BANGKIRAI



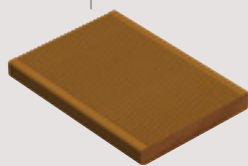
A beautiful and almost indestructible wood species: Bangkirai. The light brown, occasionally reddish hardwood can be harmed by neither water nor by mould. The natural essential oils, which are found in the wood originating Malaysia and Indonesia, protect it against attack.

- > Few knots and very durable, even in direct contact with the ground
- > Suitable for installation in soil and water
- > Very high resistance against mould and fungus
- > Very hard wood
- > Also available with the FSC® certification for responsible forestry

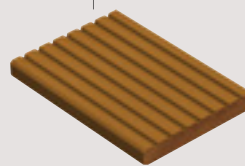
Smooth



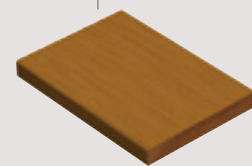
Ribbed



Grooved



Scraped



## THE RIGHT CARE

On page 68/69, you can find our range of care products, eg:

- > Decking-Oils: Protect against greying, water and dirt-resistant
- > Anti-Slip Decking-Oil: Reduces the risk of slipping, oil-based finish for more safety
- > Wood Reviver Power Gel: Clean and refresh greyed wood highly effectively

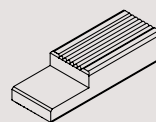
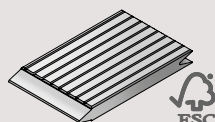
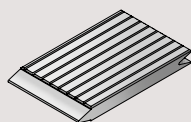




# DECKING



## T+G decking system BANGKIRAI



Lengths as per availability

T+G decking system

T+G decking system

Sub-construction

T x W

25 x 145 mm

25 x 145 mm

45 x 70 mm

Surface

Natural, Premium KD

Natural, Premium KD

Natural

Top | underside

Grooved / ribbed

Grooved / ribbed

Ribbed / ribbed

Article Number

646 07 300

646 05 600

646 03 600

Price per m<sup>2</sup>

Price per LM

Length (cm)

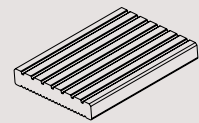
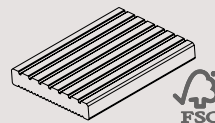
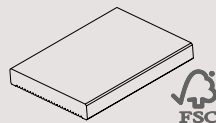
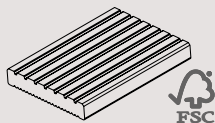
180 | 210 | 240 | 270

180 | 210 | 240 | 270

180 | 210 | 240 | 270

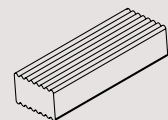
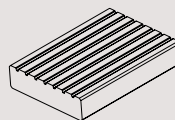
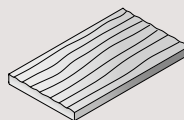
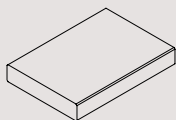


## Decking and construction boards BANGKIRAI



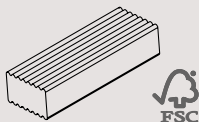
| Lengths as per availability | Decking and construction board          | Decking and construction board | Decking and construction board | Decking and construction board                      |
|-----------------------------|---|--------------------------------|--------------------------------|---|
| T x W                       | 21 x 145 mm                             | 21 x 145 mm                    | 25 x 145 mm                    | 25 x 145 mm   |
| Surface                     | Natural                                 | Natural                        | Natural                        | Natural, Premium KD                                 |
| Top   underside             | Grooved / ribbed                        | Smooth / ribbed                | Grooved / ribbed               | Grooved / ribbed                                    |
| Article Number              | 646 06 800                              | 646 06 700                     | 646 03 400                     | 646 36 200  |
| Price per m²                |   |                                |                                |   |
| Price per LM                |   |                                |                                |   |
| Length (cm)                 | 244   274   335   366   396   457   488 | 274   335   366                | 244   274   335   366   396    | 244   274   305   335   366   396   427   457   488 |

## Decking and construction boards BANGKIRAI



| Lengths as per availability | Decking and construction board          | Decking and construction board          | Decking and construction board                | Decking and construction board    |
|-----------------------------|---|---|---|-----------------------------------|
| T x W                       | 25 x 145 mm                             | 25 x 145 mm                             | 38 x 145 mm                                   | 45 x 70 mm                        |
| Surface                     | Natural, Premium KD                     | Natural, Premium KD                     | Natural                                       | Natural                           |
| Top   underside             | Smooth / smooth                         | Scraped / smooth                        | Grooved / smooth                              | Both sides ribbed                 |
| Article Number              | 646 36 000                              | 646 36 100                              | 645 34 200                                    | 645 34 300                        |
| Price per m²                |   |   |   |                                   |
| Price per LM                |   |   |   |                                   |
| Length (cm)                 | 244   274   305   335   366   396   427 | 244   274   305   335   366   396   427 | 244   274   305   335   366   396   427   457 | 244   274   305   335   366   396 |

## Decking and construction boards BANGKIRAI



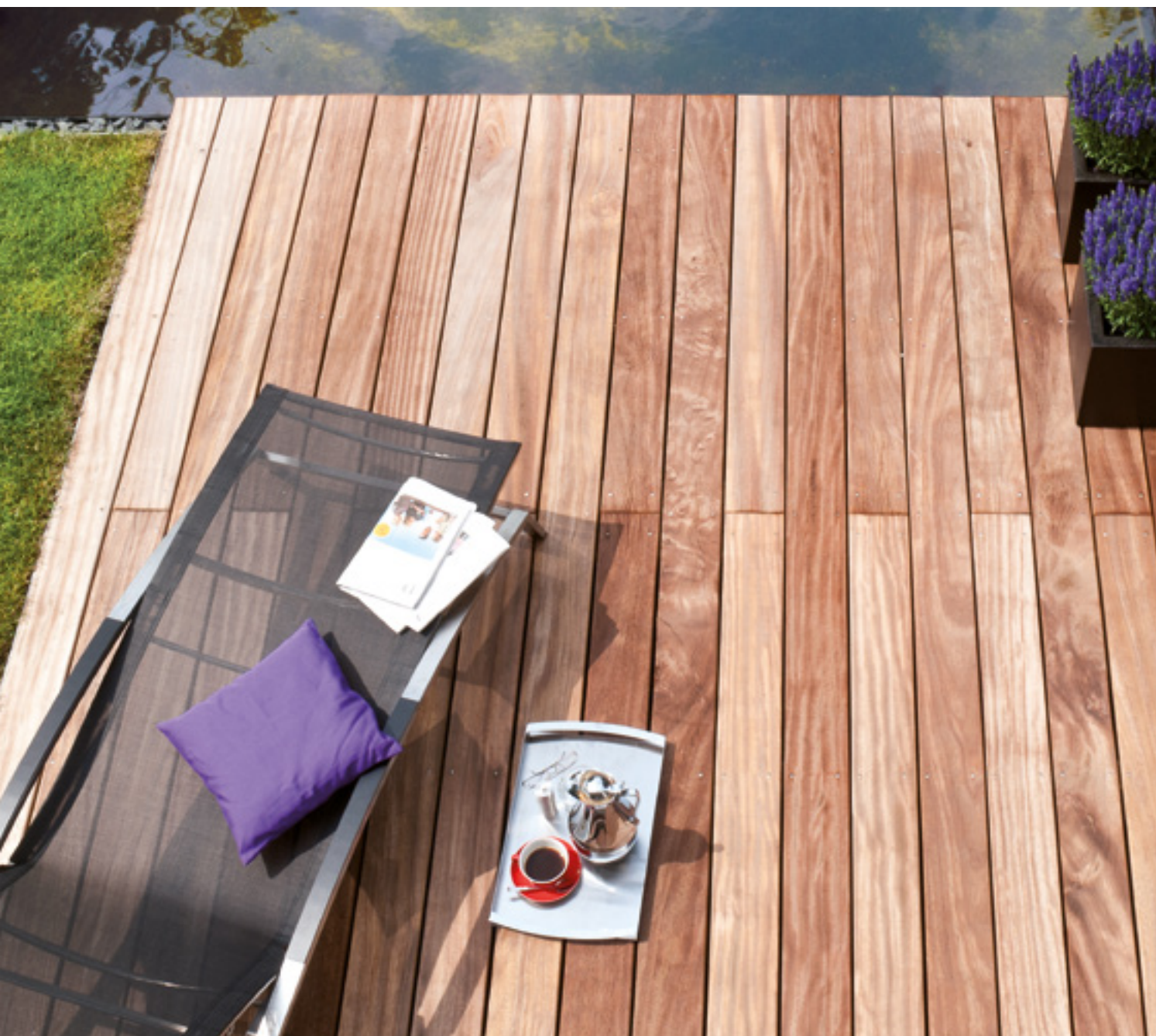
| Lengths as per availability | Decking and construction board    | Decking and construction board                |
|-----------------------------|-----------------------------------|---|
| T x W                       | 45 x 70 mm                        | 90 x 90 mm                                    |
| Surface                     | Natural                           | Natural                                       |
| Top   underside             | Ribbed / ribbed                   | All sides ribbed                              |
| Article Number              | 646 05 400                        | 645 99 200                                    |
| Price per m²                |                                   |   |
| Price per LM                |                                   |   |
| Length (cm)                 | 244   274   305   335   366   396 | 183   213   244   274   305   335   366   396 |

Please state the length in your order.

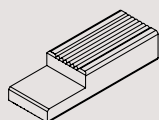
BANGKIRAI: THE CLASSIC  
AMOUNG HARDWOODS



## DECKING



### T+G decking system GARAPA



|                             |                  |
|-----------------------------|------------------|
| Lengths as per availability | Sub-construction |
| T x W                       | 45 x 70 mm       |
| Surface                     | Natural          |
| Top   underside             | ribbed / ribbed  |
| Article Number              | 646 02 900       |
| Price per m <sup>2</sup>    |                  |
| Price per LM                |                  |
| Length (cm)                 | 210   240   270  |



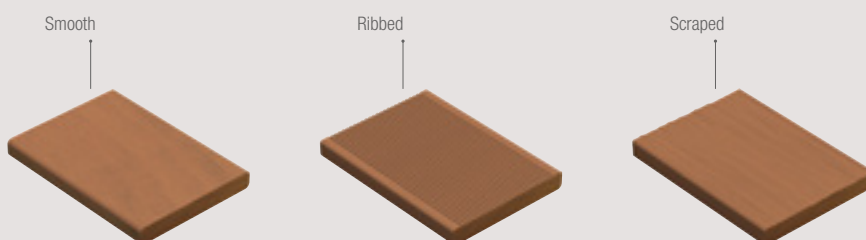
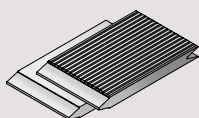


## TALI

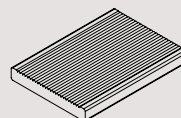


This decking that can take a beating: Tali is one of the most dense and stable wood species that exists. Even mould and fungi have a hard time coming to grips with it. These characteristics are also the reason why this wood was often used in bridge building, pier construction and for railroad cars in the past. This is, in many ways, a far too inferior use for such a material. This beautiful African wood species is appealing not only because of its extreme durability but also due to its reddish to copper colour interplay and its beautiful wood grain.

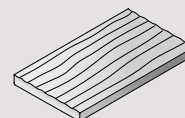
- > Very hard wood
- > Practically free of knots with high durability, even with direct contact to the ground
- > Develops an especially beautiful and even patina
- > Suitable for construction in soil and water
- > Highly resistant against mould and fungal attack


**T+G decking system  
TALI**


| Lengths as per availability | T+G decking system*   |
|-----------------------------|-----------------------|
| T x W                       | 21 x 145 mm           |
| Surface                     | Natural               |
| Top   underside             | Smooth or ribbed      |
| <b>Article Number</b>       | <b>646 20 000</b>     |
| <b>Price per m²</b>         |                       |
| <b>Price per LM</b>         |                       |
| Length (cm)                 | 175   235   265   295 |

**Decking and  
construction boards  
TALI**


| Lengths as per availability | Decking and construction board          |
|-----------------------------|---|
| T x W                       | 21 x 145 mm                             |
| Surface                     | Natural                                 |
| Top   underside             | Ribbed / smooth                         |
| <b>Article Number</b>       | <b>646 19 700</b>                       |
| <b>Price per m²</b>         |   |
| <b>Price per LM</b>         |   |
| Length (cm)                 | 180   210   270   300   330   360   390 |



| Lengths as per availability | Decking and construction board          |
|-----------------------------|---|
| T x W                       | 21 x 145 mm                             |
| Surface                     | Natural                                 |
| Top   underside             | Scraped / ribbed                        |
| <b>Article Number</b>       | <b>646 33 800</b>                       |
| <b>Price per m²</b>         |   |
| <b>Price per LM</b>         |   |
| Length (cm)                 | 180   210   270   300   330   360   390 |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

Please state the length in your order.

CAN TAKE A BEATING:  
DURABILITY CLASS 1-2



## DECKING





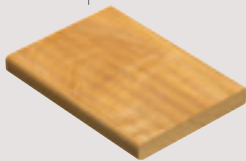
## GARAPA



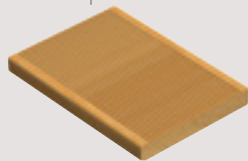
A Garapa deck is an elegant extension of your living room. The South American wood has a beautiful light almond brown tone which definitely stands out from other species. The overall optic is rounded off perfectly when using the smooth planed surface boards.

- > Practically free from knots, very durable
- > Suitable for installation in soil and water
- > Very high resistance against mould and fungal attack
- > Very hard wood

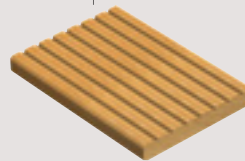
Smooth



Ribbed



Grooved



French



Scraped

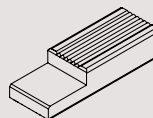
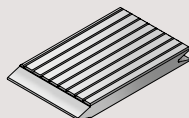
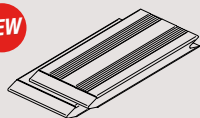




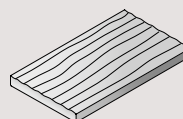
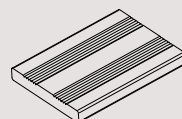
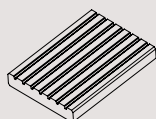
## DECKING



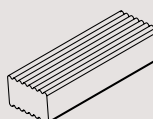
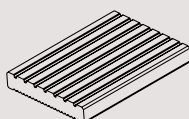
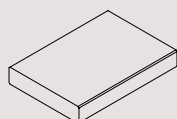


**T+G decking system  
GARAPA**
**NEW**


|                             |                                |                       |                   |
|-----------------------------|--------------------------------|-----------------------|-------------------|
| Lengths as per availability | Decking and construction board | T+G decking system    | Sub-construction  |
| T x W                       | 21 x 145 mm                    | 25 x 145 mm           | 45 x 70 mm        |
| Surface                     | Natural                        | Natural               | Natural           |
| Top   underside             | French or smooth               | Grooved / ribbed      | Both sides ribbed |
| Article Number              | <b>646 38 800</b>              | <b>646 07 900</b>     | <b>646 02 900</b> |
| Price per m <sup>2</sup>    |                                |                       |                   |
| Price per LM                |                                |                       |                   |
| Length (cm)                 | 175   205   235   265   295    | 175   205   235   265 | 210   240   270   |

**Decking and  
construction boards  
GARAPA**


|                             |   |   |   |
|-----------------------------|---|---|---|
| Lengths as per availability | Decking and construction board                                  | Decking and construction board                                  | Decking and construction board          |
| T x W                       | 21 x 145 mm   | 21 x 145 mm   | 21 x 145 mm                             |
| Surface                     | Natural   | Natural   | Natural                                 |
| Top   underside             | Grooved / smooth  | French / smooth   | Scraped / French                        |
| Article Number              | <b>645 99 500</b>   | <b>646 30 900</b>   | <b>646 33 900</b>                       |
| Price per m <sup>2</sup>    |   |   |   |
| Price per LM                |   |   |   |
| Length (cm)                 | 183   213   244   274   305   335   366   396   427   457   488 | 183   213   244   274   305   335   366   396   427   457   488 | 244   274   305   335   366   396   427 |

**Decking and  
construction boards  
GARAPA**


|                             |   |   |   |
|-----------------------------|---|---|---|
| Lengths as per availability | Decking and construction board                                  | Decking and construction board                                  | Decking and construction board                            |
| T x W                       | 25 x 145 mm   | 25 x 145 mm   | 45 x 70 mm  |
| Surface                     | Natural   | Natural   | Natural   |
| Top   underside             | Smooth / smooth   | Grooved / ribbed  | Ribbed / ribbed   |
| Article Number              | <b>646 23 700</b>   | <b>645 33 600</b>   | <b>645 33 700</b>   |
| Price per m <sup>2</sup>    |   |   |   |
| Price per LM                |   |   |   |
| Length (cm)                 | 183   213   244   274   305   335   366   396   427   457   488 | 183   213   244   274   305   335   366   396   427   457   488 | 183   213   244   274   305   335   366   396   427   457 |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

Please state the length in your order.

SUITABLE ACCESSORIES  
CAN BE FOUND ON PAGE 50

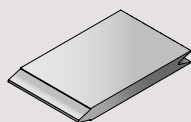


# DECKING



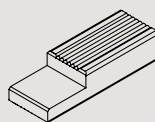
LIVELY INTERPLAY  
OF COLOUR

## T+G decking system CUMARU



| Lengths as per availability | T+G decking system* |
|-----------------------------|---------------------|
| T x W                       | 21 x 145 mm         |
| Surface                     | Natural             |
| Top   underside             | Smooth / smooth     |
| Article Number              | 646 31 100          |
| Price per m <sup>2</sup>    |                     |
| Price per LM                |                     |
| Length (cm)                 | 210   240   270     |

## T+G decking system GARAPA



| Lengths as per availability | Sub-construction |
|-----------------------------|------------------|
| T x W                       | 45 x 70 mm       |
| Surface                     | Natural          |
| Top   underside             | Ribbed / ribbed  |
| Article Number              | 646 02 900       |
| Price per m <sup>2</sup>    |                  |
| Price per LM                |                  |
| Length (cm)                 | 210   240   270  |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.



## CUMARU



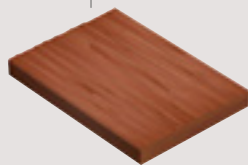
The natural, lively character of wood is especially apparent when using Cumaru as decking. This South and Central American wood species is characterized by an especially lively grain pattern and a rich colour spectrum from golden to reddish brown. Its technical properties are very similar to those of Bangkirai.

- > Practically free of knots and very durable, even in direct contact with the ground
- > Suitable for installation in soil and water
- > Especially resistance against mould and fungal attack
- > Very hard wood
- > Not suitable for hidden fixation systems

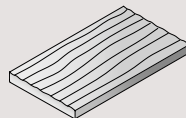
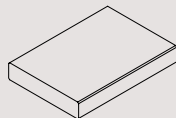
Smooth



Scraped



#### Decking and construction boards CUMARU



| Lengths as per availability | Decking and construction board    | Decking and construction board    |
|-----------------------------|-----------------------------------|-----------------------------------|
| T x W                       | 21 x 145 mm                       | 21 x 145 mm                       |
| Surface                     | Natural                           | Natural                           |
| Top   underside             | Smooth / smooth                   | Scraped / smooth                  |
| Article Number              | 646 31 000                        | 646 34 000                        |
| Price per m²                |                                   |                                   |
| Price per LM                |                                   |                                   |
| Length (cm)                 | 244   274   305   335   366   396 | 244   274   305   335   366   396 |

Please state the length in your order.

FURTHER INFORMATION  
CAN BE FOUND IN OUR  
ENCYCLOPEDIA OF WOOD  
ON PAGES 70/71.

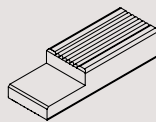
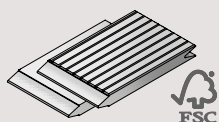


# DECKING



CAN TAKE A BEATING:  
DURABILITY CLASS 2

## T+G decking system MANDIOQUEIRA



| Lengths as per availability | T+G decking system*   | Sub-construction |
|-----------------------------|-----------------------|------------------|
| T x W                       | 21 x 145 mm           | 45 x 70 mm       |
| Surface                     | Natural               | Natural          |
| Top   underside             | Smooth or grooved     | Ribbed / ribbed  |
| Article Number              | 646 16 700            | 646 15 600       |
| Price per m <sup>2</sup>    |                       |                  |
| Price per LM                |                       |                  |
| Length (cm)                 | 175   205   235   265 | 210   240   270  |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

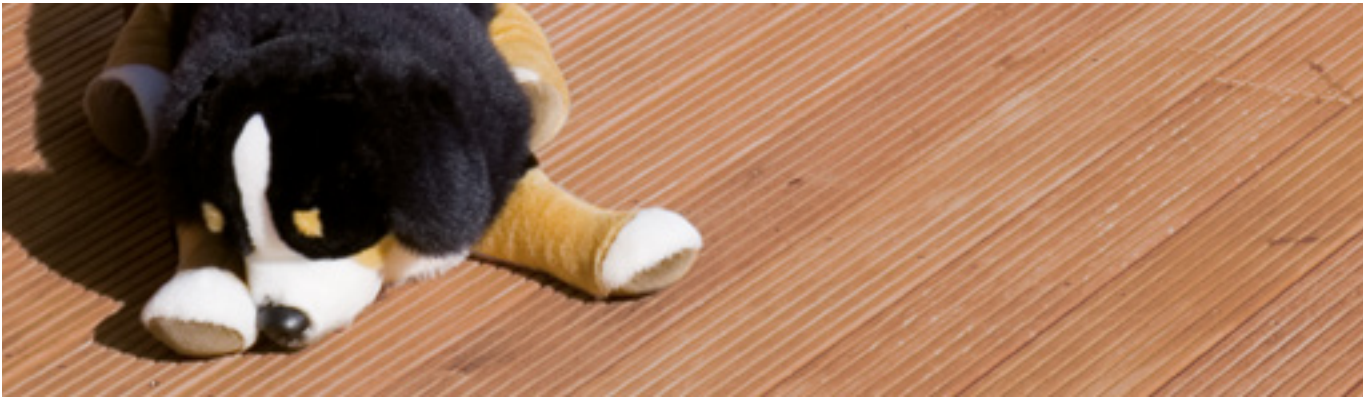
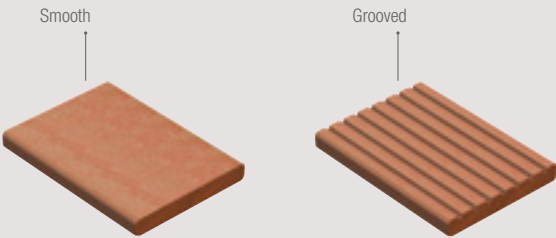


MANDIOQUEIRA

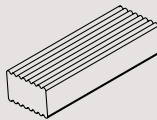
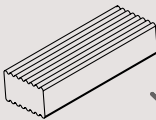
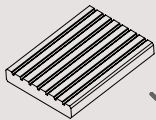


This light brown South American wood species is a lighter and more reasonably priced than the other alternative hardwoods. With a durability class 2, it is however also resistant to mould, fungus and insect attack. This is a result of its wood extractives. The wood is extremely tough and protects itself against climatic influences.

- > Practically free of knots and very durable, even in direct contact with the ground
- > Suitable for installation in soil and water
- > Very high resistance against mould and fungus attack
- > Good value for money
- > Also available with the FSC® seal for responsible forestry



Decking and construction boards  
MANDIOQUEIRA



| Lengths as per availability | Decking and construction board                | Decking and construction board                      | Decking and construction board                            |
|-----------------------------|---|---|---|
| T x W                       | 21 x 145 mm                                   | 45 x 70 mm  | 45 x 70 mm  |
| Surface                     | Natural                                       | Natural   | Natural   |
| Top / Underside             | Grooved / smooth                              | Ribbed / ribbed                                     | Ribbed / ribbed   |
| Article Number              | 646 14 900                                    | 646 16 600  | 646 09 500  |
| Price per m²                |   |   |   |
| Price per LM                |   |   |   |
| Length (cm)                 | 244   274   305   335   366   396   427   457 | 213   244   274   305   335   366   396   427   457 | 183   213   244   274   305   335   366   396   427   457 |

Please state the length in your order.





A HIGHLIGHT AMONG  
HARDWOODS

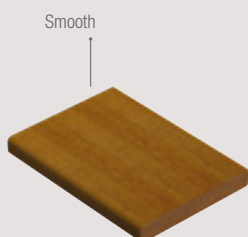
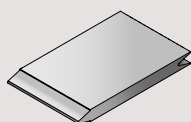


## IPE

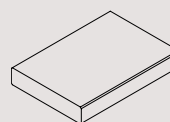


Ipe is a real highlight among hardwoods: even heavier, even more stable, even more durable. Ipe is used everywhere where wood needs to fulfil the highest requirements over decades, e.g. boat landing stages. Its colour nuances stretch from light brown to dark olive colour. Ipe grows in Central and South America.

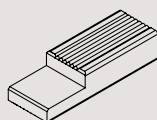
- > Practically free from knots, very durable wood, even in direct contact with the ground
- > Suitable for installation in soil and water
- > Highly resistant to mould and fungus attack
- > Very hard wood - durability class 1
- > Not suitable for hidden fixation systems


**T+G decking system  
IPE**


| Lengths as per availability | T+G decking system*   |
|-----------------------------|-----------------------|
| T x W                       | 21 x 145 mm           |
| Surface                     | Natural               |
| Top   underside             | Smooth / smooth       |
| Article Number              | 646 34 100            |
| Price per m <sup>2</sup>    |                       |
| Price per LM                |                       |
| Length (cm)                 | 180   210   240   270 |

**Decking and  
construction boards  
IPE**


| Lengths as per availability | Decking and construction board                |
|-----------------------------|---|
| T x W                       | 21 x 145 mm                                   |
| Surface                     | Natural                                       |
| Top   underside             | Smooth / smooth                               |
| Article Number              | 646 34 200                                    |
| Price per m <sup>2</sup>    |   |
| Price per LM                |   |
| Length (cm)                 | 183   213   244   274   305   335   366   396 |

**T+G decking system  
Garapa**


| Lengths as per availability | Sub-construction |
|-----------------------------|------------------|
| T x W                       | 45 x 70 mm       |
| Surface                     | Natural          |
| Top   underside             | Ribbed / ribbed  |
| Article Number              | 646 02 900       |
| Price per m <sup>2</sup>    |                  |
| Price per LM                |                  |
| Length (cm)                 | 210   240   270  |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

Please state the length in your order.



## DECKING



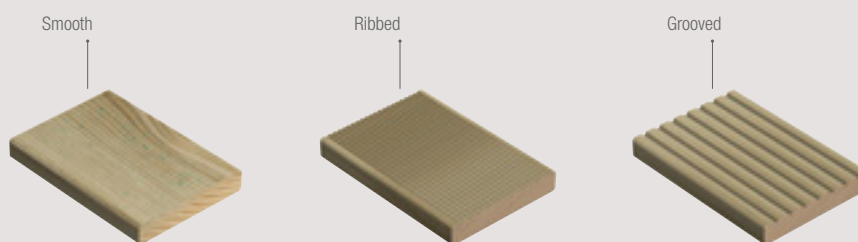


## PINE

Softwoods are easier to work with than hardwoods and are more popular due to a more diversified grain pattern. Its durability depends heavily on the quality of the wood and on the pretreatment. With Pine boards from Osmo, you can rely on the fact that they come from Northern and Central European regions.

- > All pressure impregnated deckboards are produced in our facilities in Warendorf
- > Easy to install
- > Good value for money
- > Through impregnation, resistant to mould, fungus and insect attack
- > Available with a ribbed, grooved, smooth and brushed surface
- > Choose from board thicknesses from 21 to 45 mm

### PINE PI GREEN



### PINE PI GREY



PRESSURE IMPREGNATED GREY  
DECKING: MADE IN GERMANY

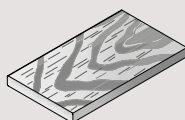
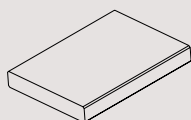


# DECKING

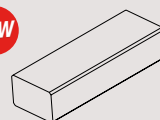


## THE CLASSIC: DECKING MADE OF PINEWOOD

### Decking and construction boards PINE



NEW

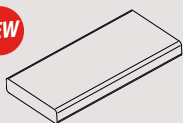


|                             | Decking and construction board | Decking and construction board | Decking and construction board |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|
| Lengths as per availability |                                |                                |                                |
| T x W                       | 27 x 140 mm                    | 27 x 140 mm                    | 45 x 70 mm                     |
| Surface                     | Pine PI Grey                   | Pine PI Grey                   | Pine PI Grey                   |
| Top   underside             | Smooth / smooth                | Brushed / smooth               | Smooth / smooth                |
| Article Number              | 646 31 360                     | 646 36 560                     | 646 39 760                     |
| Price per m <sup>2</sup>    |                                |                                |                                |
| Price per LM                |                                |                                |                                |
| Length (cm)                 | 450                            | 450                            | 300   400                      |

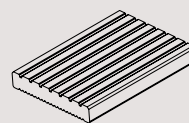
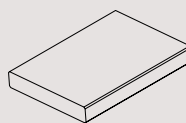
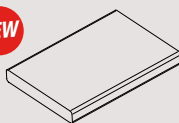


### Decking and construction boards PINE

NEW

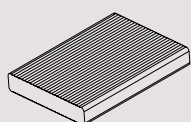


NEW

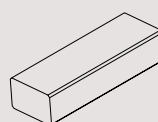
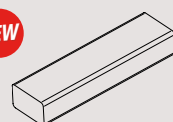


|                             |                                |                                |                                |                                |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Lengths as per availability | Decking and construction board | Decking and construction board | Decking and construction board | Decking and construction board |
| T x W                       | 21 x 94 mm                     | 21 x 140 mm                    | 25 x 145 mm                    | 27 x 140 mm                    |
| Surface                     | Pine PI Green                  | Pine PI Green                  | Pine PI Green                  | Pine PI Green                  |
| Top   underside             | Smooth / smooth                | Smooth / smooth                | Smooth / smooth                | Grooved / ribbed               |
| Article Number              | 646 37 400                     | 646 37 500                     | 645 15 500                     | 646 04 600                     |
| Price per m²                |                                |                                |                                |                                |
| Price per LM                |                                |                                |                                |                                |
| Length (cm)                 | 300   420                      | 400                            | 450                            | 300   400                      |

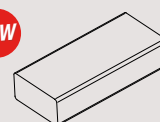
### Decking and construction boards PINE



NEW

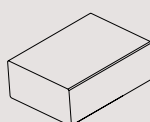
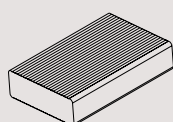


NEW

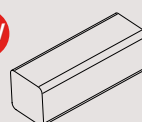


|                             |                                |                                |                                |                                |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Lengths as per availability | Decking and construction board | Decking and construction board | Decking and construction board | Decking and construction board |
| T x W                       | 28 x 145 mm                    | 35 x 55 mm                     | 45 x 70 mm                     | 45 x 90 mm                     |
| Surface                     | Pine PI Green                  | Pine PI Green                  | Pine PI Green                  | Pine PI Green                  |
| Top   underside             | Ribbed / ribbed                | Smooth / smooth                | Smooth / smooth                | Smooth / smooth                |
| Article Number              | 646 21 600                     | 646 37 700                     | 646 21 700                     | 646 37 800                     |
| Price per m²                |                                |                                |                                |                                |
| Price per LM                |                                |                                |                                |                                |
| Length (cm)                 | 300   450                      | 300   400                      | 300   400                      | 300   400                      |

### Decking and construction boards PINE



NEW



|                             |                                |                                |                                |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|
| Lengths as per availability | Decking and construction board | Decking and construction board | Decking and construction board |
| T x W                       | 45 x 145 mm                    | 120 x 240 mm                   | 70 x 70 mm                     |
| Surface                     | Pine PI Green                  | Pine PI Green                  | Pine PI Green                  |
| Top   underside             | Ribbed / ribbed                | Smooth / smooth                | Smooth / smooth                |
| Article Number              | 645 38 100                     | 645 01 400                     | 646 37 900                     |
| Price per m²                |                                |                                |                                |
| Price per LM                |                                |                                |                                |
| Length (cm)                 | 450                            | 250                            | 300                            |

Please state the length in your order.

SOFTWOOD:  
EASY TO INSTALL



## DECKING



ESPECIALLY HARMONIOUS  
– THE NATURAL GRAIN OF  
LARCH WOOD

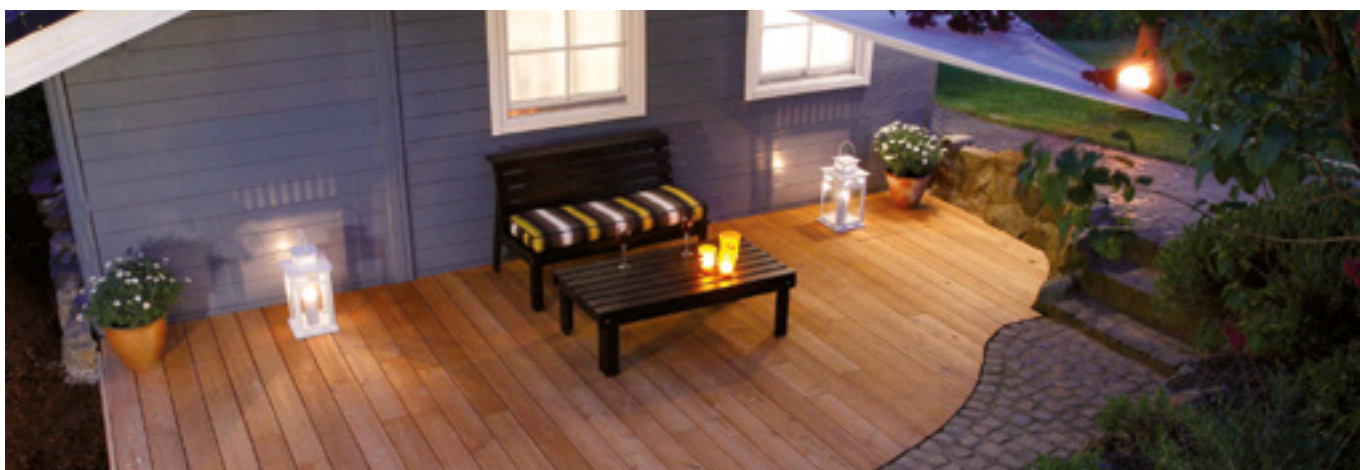
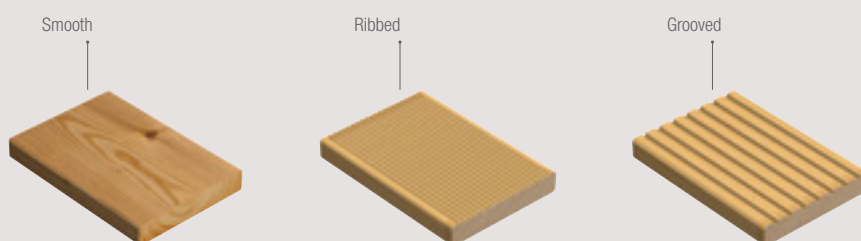
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## SIBERIAN LARCH

Due to its slower growth, Siberian Larch is harder than European Larch. However, in terms of durability, which depends less on hardness and more on extractives, it is comparable to European Larch.

- > Good structural properties
- > Good value for money
- > Diversified wood grain and knots
- > Easy to install



### Decking and construction boards SIBERIAN LARCH

Lengths as per availability

|                          |  |  |  |  |
|--------------------------|---|---|--|---|
| T x W                    | 27 x 143 mm   | 27 x 143 mm   | 27 x 143 mm  | 45 x 68 mm  |
| Surface                  | Natural   | Natural   | Natural  | Natural   |
| Top   underside          | Ribbed / ribbed   | Smooth / smooth   | Grooved / ribbed   | All sides smooth  |
| Article Number           | <b>646 34 500</b>   | <b>646 34 600</b>   | <b>646 34 700</b>  | <b>335 73 010</b>   |
| Price per m <sup>2</sup> |   |   |  |   |
| Price per LM             |   |   |  |   |
| Length (cm)              | 300   400   510   | 300   400   510   | 300   400   510  | 300   400   |

\*Wood moisture content approx. 18 – 25 %, plane falling – length acc. supply, 3 pcs. per pack

Please state the length in your order.

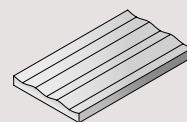
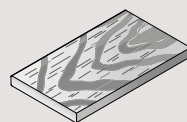
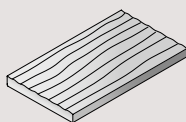
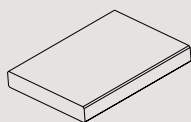


## DECKING



### LARCH WAVE, TREATED WITH OSMO DECKING-OIL GREY

#### Decking and construction boards EUROPEAN LARCH



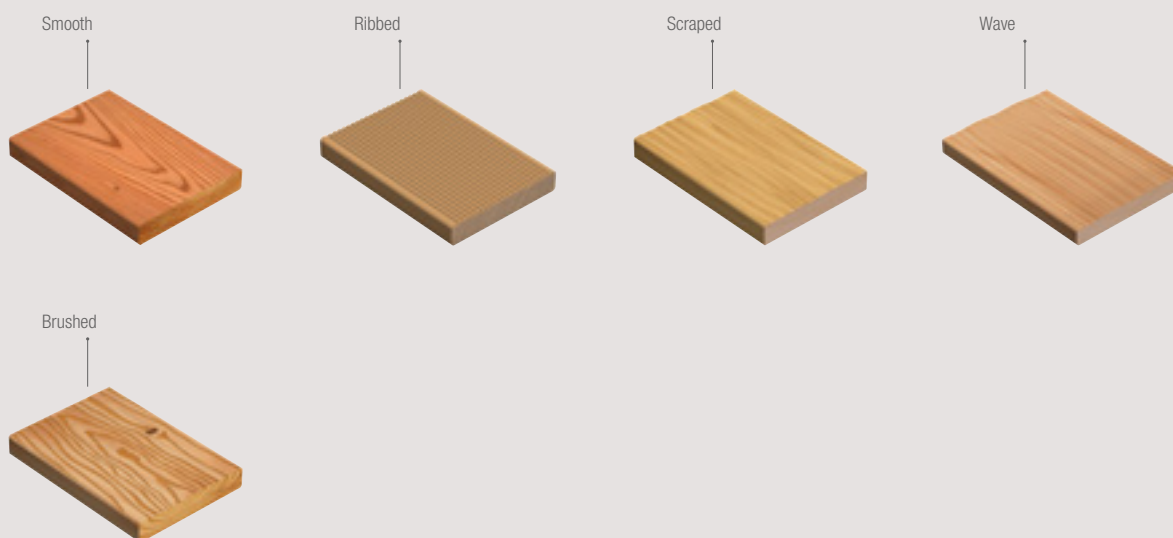
|                             | Decking and construction board | Decking and construction board | Decking and construction board | Decking and construction board |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Lengths as per availability | Decking and construction board | Decking and construction board | Decking and construction board | Decking and construction board |
| T x W                       | 26 x 140 mm                    | 26 x 140 mm                    | 26 x 140 mm                    | 26 x 140 mm                    |
| Surface                     | Natural                        | Natural                        | Natural                        | Natural                        |
| Top   underside             | Smooth / smooth                | Scraped / smooth               | Brushed / smooth               | Wave / smooth                  |
| Article Number              | 646 30 000                     | 646 29 300                     | 646 29 500                     | 646 29 700                     |
| Price per m <sup>2</sup>    |                                |                                |                                |                                |
| Price per LM                |                                |                                |                                |                                |
| Length (cm)                 | 300   400                      | 300   400                      | 300   400                      | 300   400                      |



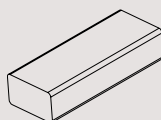
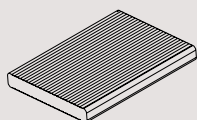
## EUROPEAN LARCH

Larch is a heavy and durable softwood. Its high content of resin acts as a natural impregnation, and therefore its surface does not have to be specifically treated for exterior use. Without a finish, Larch develops an especially beautiful silver-grey patina through weathering. With our structured surfaces, you emphasize the natural wood character and create unique effects.

- > Good structural properties
- > Good value for money
- > Diversified wood grain and knot pattern
- > Easy to install
- > Decking boards factory finished with Decking-Oils can be found on pages 38/39



### Decking and construction boards EUROPEAN LARCH



| Lengths as per availability | Decking and construction board* | Decking and construction board |
|-----------------------------|---------------------------------|--------------------------------|
| T x W                       | 27 x 143 mm                     | 45 x 70 mm                     |
| Surface                     | Natural                         | Natural                        |
| Top   underside             | Ribbed / ribbed                 | All sides smooth               |
| <b>Article Number</b>       | <b>646 34 300</b>               | <b>646 21 100</b>              |
| <b>Price per m²</b>         |                                 |                                |
| <b>Price per LM</b>         |                                 |                                |
| Length (cm)                 | 300   400                       | 300   400                      |

\*Wood moisture content approx. 18 – 25 %, plane falling – length acc. supply, 3 pcs. per pack

Please state the length in your order.



## DECKING



### Decking and construction boards DOUGLAS FIR

Lengths as per availability

T x W

Surface

Top | underside

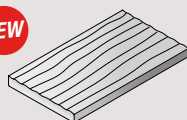
Article Number

Price per m<sup>2</sup>

Price per LM

Length (cm)

**NEW**



Decking and construction board

27 x 143 mm

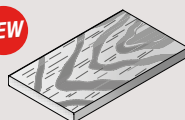
Natural

Scraped / smooth

**646 38 600**

300 | 400

**NEW**



Decking and construction board

27 x 143 mm

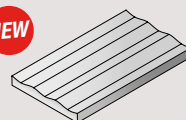
Natural

Brushed / smooth

**646 40 000**

300 | 400

**NEW**



Decking and construction board

27 x 143 mm

Natural

Wave / smooth

**646 30 100**

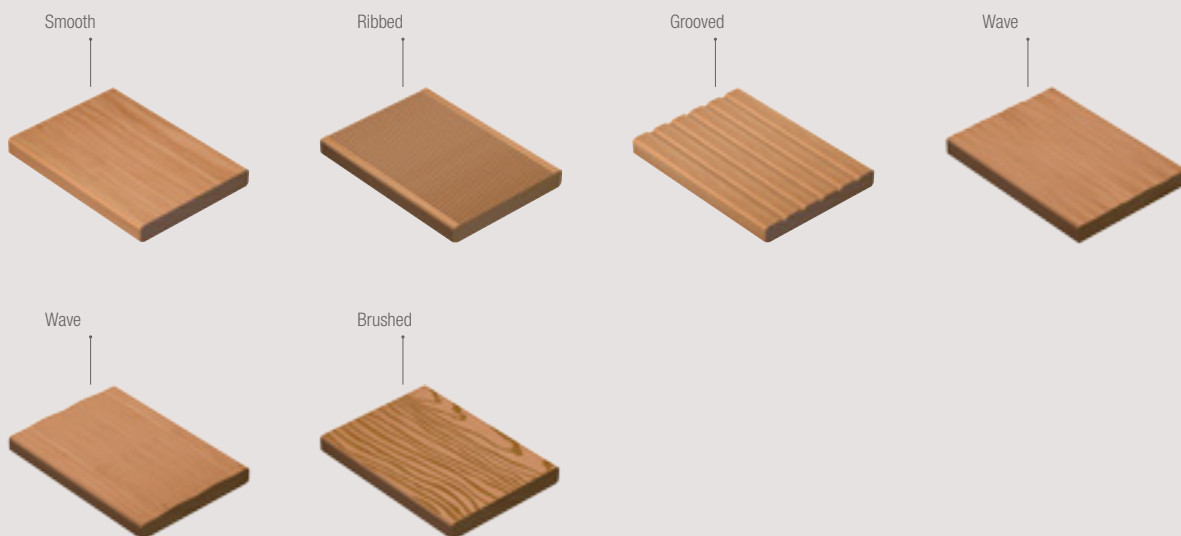
300 | 400



## DOUGLAS FIR

Douglas Fir is considered one of the most popular softwoods. These elegant wooden giants, originating from the Rocky Mountains, have been cultivated in parts of Europe for more than 100 years. In comparison to other softwoods, Douglas Fir wood is very firm but also elastic. Its bright look and contrasting colour spectrum, ranging from light pink to golden brown, turns your deck into a real eye-catcher.

- > Good structural properties
- > Contains little resin
- > Well-suited for wood finishes
- > Diversified wood grain and knot pattern
- > Easy to install
- > Decking factory finished with Decking-Oils can be found on pages 38/39.



#### Decking and construction boards DOUGLAS FIR

| Lengths as per availability |  Decking and construction board* |  Decking and construction board* |  Decking and construction board* |  Decking and construction board* |
|-----------------------------|---|---|--|---|
| T x W                       | 27 x 143 mm   | 27 x 143 mm   | 27 x 143 mm  | 45 x 68 mm  |
| Surface                     | Natural   | Natural   | Natural  | Natural   |
| Top   underside             | Grooved / ribbed  | Ribbed / ribbed   | Smooth / smooth  | All sides smooth  |
| Article Number              | <b>646 34 900</b>   | <b>646 35 000</b>   | <b>646 35 100</b>  | <b>335 43 001</b>   |
| Price per m <sup>2</sup>    |   |   |  |   |
| Price per LM                |   |   |  |   |
| Length (cm)                 | 300   400   500   | 300   400   500   | 300   400   500  | 300   400   |

\*Wood moisture content approx. 18 – 25 %, plane falling – length acc. supply, 3 pcs. per pack

Please state the length in your order.



# DECKING



BRUSHED LARCH  
WITH DECKING-OIL  
BOG OAK

## Decking and construction boards EUROPEAN LARCH

Lengths as per availability

T x W

Surface

Top | underside

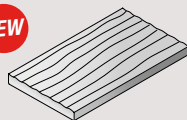
Article Number

Price per m<sup>2</sup>

Price per LM

Length (cm)

NEW



Decking and construction board\*

26 x 140 mm

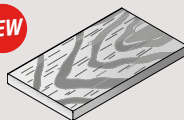
Pre-treated with Decking-Oil

Scraped / smooth

646 29 341

300 | 400

NEW



Decking and construction board\*

26 x 140 mm

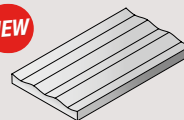
Pre-treated with Decking-Oil

Brushed / smooth

646 29 541

300 | 400

NEW



Decking and construction board\*

26 x 140 mm

Pre-treated with Decking-Oil

Wave / smooth

646 29 741

300 | 400

Low-quantity surcharge for quantities under 30 m<sup>2</sup>: 150€ incl. VAT flat rate. When placing orders, please remember to calculate enough scrap (at least 5 %).

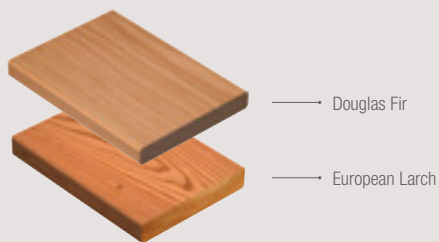


## YOUR VERY OWN PERSONAL DECKING

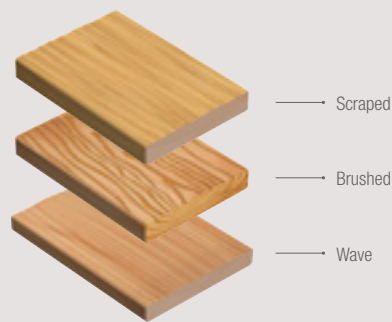
Is there anything better than the freedom to define your own style? With Creativ-Decking, Osmo presents almost unlimited possibilities for individuality. Choose between the popular softwoods Douglas Fir and European Larch. With different surface structures: scraped,

brushed and Wave, you not only decide on the look but also on the feeling underfoot. Afterwards, round up the whole image with Decking-Oils, which are applied to the decking at the Osmo facilities.

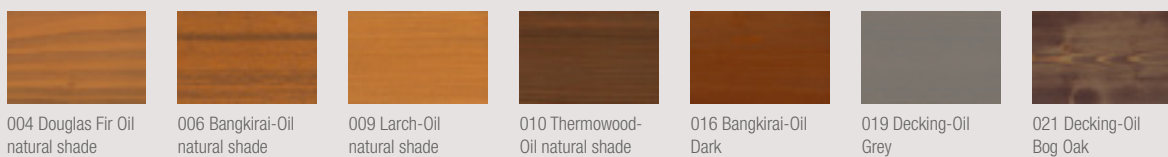
### 1. THE WOOD



### 2. THE SURFACES



### 3. THE COLOURS



#### Decking and construction boards DOUGLAS FIR

| Lengths as per availability | Decking and construction board* | Decking and construction board* | Decking and construction board* |
|-----------------------------|---------------------------------|---------------------------------|---------------------------------|
| T x W                       | 27 x 140 mm                     | 27 x 140 mm                     | 27 x 140 mm                     |
| Surface                     | Pre-treated with Decking-Oil    | Pre-treated with Decking-Oil    | Pre-treated with Decking-Oil    |
| Top   underside             | Scraped / smooth                | Brushed / smooth                | Wave / smooth                   |
| Article Number              | 646 38 641                      | 646 40 041                      | 646 30 141                      |
| Price per m²                |                                 |                                 |                                 |
| Price per LM                |                                 |                                 |                                 |
| Length (cm)                 | 300   400                       | 300   400                       | 300   400                       |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

Please state the length and desired colour tone in your order.



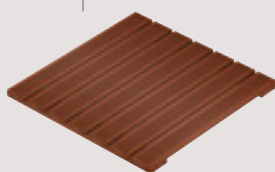
# DECKING TILES

## DECKING TILES LOMO

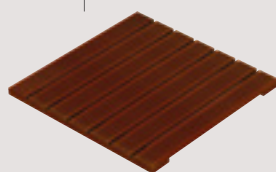
Lomo decking tiles are available in three different wood species. Bangkirai and Massaranduba are especially durable hardwoods. The Bangkirai and Massaranduba wood used in Lomo decking tiles originates from sustainable resources and is FSC® certified. Thermo Ash tiles are

smooth planed and therefore they have a really elegant appearance. The boards are fixed to two joists with stainless steel screws.

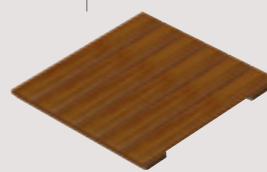
Bangkirai / Ribbed



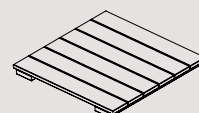
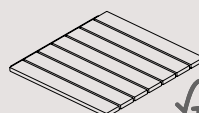
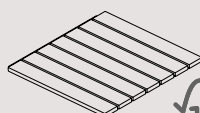
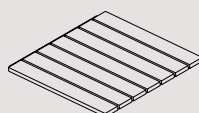
Massaranduba / Ribbed



Thermo Ash / Smooth



### Decking tile LOMO



W x D x H

50 x 50 x 2,4 cm

50 x 50 x 3,0 cm

50 x 50 x 2,4 cm

50 x 50 x 3,5 cm

Surface

Ribbed

Ribbed

Ribbed

Smooth

Bangkirai

645 91 500

646 07 000

646 13 000

Massaranduba

ThermoAsh

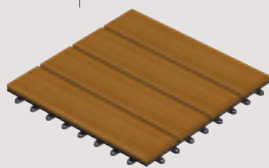
646 25 600



## DECKING TILES GARDA

An elegant wooden floor for your terrace: in this system, smooth planed hardwood boards are fixed onto a sub-construction made of extremely sturdy plastic. With a simple click, you can connect these decking tiles together without any further tools or materials. With FSC® seal for sustainable forestry.

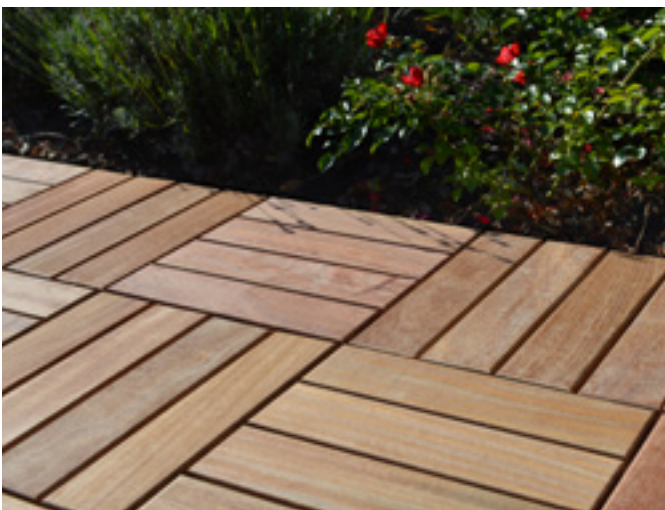
Cumaru / Smooth



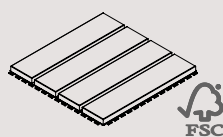
## DECKING TILES LUND

These pinewood decking tiles are manufactured in our own facilities in Warendorf, Germany. The impregnation, in fashionable grey, provides the optimal protection against fungus and pests. Thanks to the brushed optic, the natural character of the wood really stands out well.

Pine PI Grey / Brushed

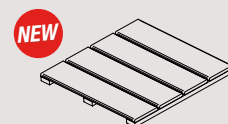


### Decking tile GARDA



|           |                  |
|-----------|------------------|
| W x D x H | 30 x 30 x 2.5 cm |
| Surface   | Smooth           |
| Cumaru    | 646 13 700       |

### Decking tile LUND



|               |                  |
|---------------|------------------|
| W x D x H     | 50 x 50 x 3,2 cm |
| Surface       | Brushed          |
| Pine, PI Grey | 646 40 760       |





We prefer wood from local forests. At the same time, our decking has to endure a lot. Thermowood is the ideal alternative.

THERMOWOOD



## DECKING



THERMO ASH WITH  
BRUSHED SURFACE



## THERMO ASH



You prefer wood from local forests to hardwoods? And at the same time, you have high durability requirements? Thermowood is produced through a modern process, which makes the wood even more durable and dimensionally stable without the use of chemical additives. Under the influence of steam and temperatures of over 170 degrees Celsius, the cell walls of the wood are changed so that they can hardly absorb any more water. A further advantage: through this process, the wood obtains a wonderfully beautiful, dark brown colour tone.

- > Wood species with few knots and from European forests
- > Extremely hard-wearing
- > Risk of mould, fungus and pest attack greatly reduced
- > Water absorption significantly reduced through thermal treatment
- > Also suitable for invisible fixation with SenoFix Clip
- > Also available oiled (factory finished)

Smooth



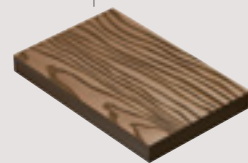
Scraped



Wave



Brushed



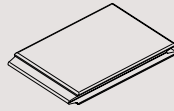
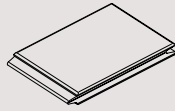


## DECKING



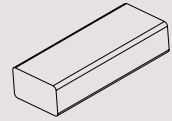


## T+G decking system THERMO ASH



|                             |                              |                              |
|-----------------------------|------------------------------|------------------------------|
| Lengths as per availability | T+G decking system*          | T+G decking system*          |
| T x W                       | 20 x 132 mm                  | 20 x 132 mm                  |
| Surface                     | Natural                      | pre-treated with Decking-Oil |
| Top / underside             | Smooth / smooth, for SenoFix | Smooth / smooth, for SenoFix |
| Article Number              | <b>646 35 300</b>            | <b>646 35 341</b>            |
| Price per m²                |                              |                              |
| Price per LM                |                              |                              |
| Length (cm)                 | 175   205   235   265        | 175   205   235              |

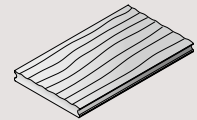
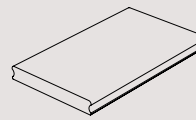
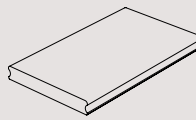
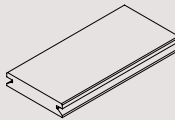
## Decking and construction boards THERMO PINE



|                             |                                |
|-----------------------------|--------------------------------|
| Lengths as per availability | Decking and construction board |
| T x W                       | 45 x 70 mm                     |
| Surface                     | Natural                        |
| Top / underside             | All sides smooth               |
| Article Number              | <b>646 18 000</b>              |
| Price per m²                |                                |
| Price per LM                |                                |
| Length (cm)                 | 390   420   450   480          |

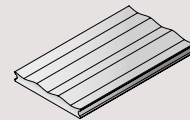
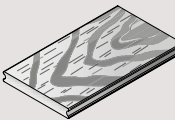
\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

## Decking and construction boards THERMO ASH

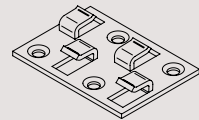


|                             |   |   |   |   |
|-----------------------------|---|---|---|---|
| Lengths as per availability | Decking board with Clip                 | Decking board with Clip                 | Decking board with Clip                 | Decking board with Clip                 |
| T x W                       | 20 x 95 mm                              | 20 x 132 mm                             | 21 x 145 mm                             | 21 x 145 mm                             |
| Surface                     | Natural                                 | Natural                                 | Natural                                 | Natural                                 |
| Top / underside             | Smooth / smooth, for V2A Clip           | Smooth / smooth, for SenoFix            | Smooth / smooth, for SenoFix            | Scraped / smooth, for SenoFix           |
| Article Number              | <b>646 22 200</b>                       | <b>646 35 400</b>                       | <b>646 30 700</b>                       | <b>646 26 100</b>                       |
| Price per m²                |   |   |   |   |
| Price per LM                |   |   |   |   |
| Length (cm)                 | 180   210   240   270   300   330   360 | 180   210   240   270   300   330   360 | 180   210   240   270   300   330   360 | 180   210   240   270   300   330   360 |

## Decking and construction boards THERMO ASH

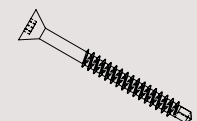
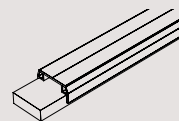
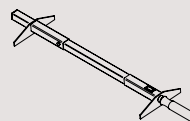
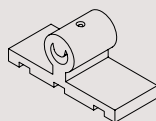


## Accessories THERMO ASH



|                             |   |   |                           |                   |
|-----------------------------|---|---|---------------------------|-------------------|
| Lengths as per availability | Decking board with Clip                 | Decking board with Clip                 | V2A Clip with screws      |                   |
| T x W                       | 21 x 145 mm                             | 21 x 145 mm                             | 25 pcs per pack           | <b>665 21 300</b> |
| Surface                     | Natural                                 | Natural                                 | 200 pcs per pack          | <b>665 21 400</b> |
| Top / underside             | Brushed / smooth, for SenoFix           | Wave / smooth, for SenoFix              | Approx. 30 pcs./m² needed |                   |
| Article Number              | <b>646 26 300</b>                       | <b>646 26 500</b>                       |                           |                   |
| Price per m²                |   |   |                           |                   |
| Price per LM                |   |   |                           |                   |
| Length (cm)                 | 180   210   240   270   300   330   360 | 180   210   240   270   300   330   360 |                           |                   |

## Accessories THERMO ASH



|                  |                     |                    |                        |                      |
|------------------|---------------------|--------------------|------------------------|----------------------|
|                  | SenoFix with screws | Decking clamp      | Sub-construction black | Screws, 100 per pack |
| W x D x H        |                     | Approx. 70 cm span | 40 x 23 x 1800 mm      | 4.8 x 40 mm          |
| 100 pcs per pack | <b>665 23 900</b>   |                    |                        |                      |
| Aluminium        |                     | <b>665 24 700</b>  | <b>665 20 400</b>      | <b>665 21 600</b>    |

Approx. 20 pcs./m² needed

Please state the length in your order.



THERMO PINE WITH  
BRUSHED SURFACE

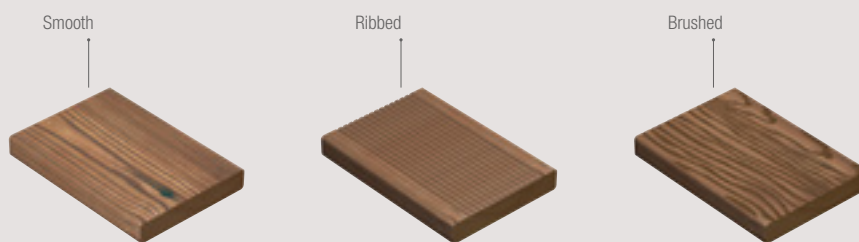


## THERMO PINE

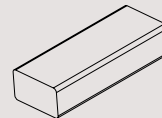
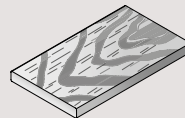
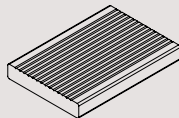


Thermo Pine is another alternative to tropical hardwoods. Through the thermal process, the durability of this Scandinavian wood is increased significantly. Boards can be used on both sides. With a smooth planed surface, the lively grain of Pine wood stands out beautifully.

- > Wood species from European forests
- > Extremely hard-wearing
- > Risk of mould, fungus and pest attack greatly reduced
- > Water absorption significantly reduced through thermal treatment
- > Good value for money

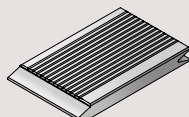


### Decking and construction boards THERMO PINE

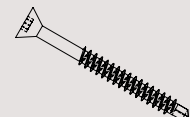
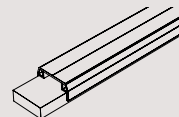


| Lengths as per availability | Decking and construction board | Decking and construction board | Decking and construction board |
|-----------------------------|--------------------------------|--------------------------------|--------------------------------|
| T x W                       | 25 x 140 mm                    | 25 x 140 mm                    | 45 x 70 mm                     |
| Surface                     | Natural                        | Natural                        | Natural                        |
| Top   underside             | Ribbed / smooth                | Brushed / smooth               | All sides smooth               |
| Article Number              | 646 17 800                     | 646 35 500                     | 646 18 000                     |
| Price per m²                |                                |                                |                                |
| Price per LM                |                                |                                |                                |
| Length (cm)                 | 360   390   420   450   480    | 360   390   420   450   480    | 390   420   450   480          |

### T+G decking system THERMO PINE



### Accessories THERMO PINE



| Lengths as per availability | T+G decking system* |           | Sub-construction black | Screws, 100 per pack |
|-----------------------------|---------------------|-----------|------------------------|----------------------|
| T x W                       | 25 x 140 mm         | W x D x H | 40 x 23 x 1800 mm      | 4.8 x 40 mm          |
| Surface                     | Natural             | Aluminium | 665 20 400             | 665 21 600           |
| Top   underside             | Ribbed / smooth     |           |                        |                      |
| Article Number              | 646 17 900          |           |                        |                      |
| Price per m²                |                     |           |                        |                      |
| Price per LM                |                     |           |                        |                      |
| Length (cm)                 | 175   205           |           |                        |                      |

\* These boards come in foil-wrapped packs of 4. Only sold in complete packs.

Please state the length in your order.



## THE RIGHT ACCESSORIES

The lifetime of a deck depends significantly on the correct installation and whether it is suitable for wood. With accessories from Osmo, you are always on the safe side. All accessories are perfectly geared to each other so that your new decking seems to install itself.

- > Stainless steel screws
- > Underlay pads
- > Underlay strips
- > Root & Weed Fleece
- > Catstep accessories
- > Screws for fixing angles
- > Decking Clippers
- > Fixation Clips
- > Distancers

### Accessories ROOT & WEED FLEECE



|            |                   |
|------------|-------------------|
| Dimensions | 1.5 x 10 m (15m²) |
| Plastic    | 665 19 000        |

### Accessories CATSTEP

Adjustable foot for wooden sub-construction, V2A, galvanised foot



|                   |            |
|-------------------|------------|
| Dimensions        | 8 x 50 mm  |
| Metal, galvanized | 665 16 800 |

Levelling foot Catstep

### Accessories ADJUSTABLE DECKING SUPPORT



|                |                                |                                 |
|----------------|--------------------------------|---------------------------------|
|                | Adjustable foot Small Foot     | Adjustable foot Big Foot        |
| Dimensions     | 3.5 - 6.5 cm adjustable height | 6.0 - 14.0 cm adjustable height |
| Plastic, black | 665 23 300                     | 665 23 400                      |

### Accessories HARDWOOD COUNTERSINK

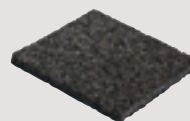
with depth stop incl. 5 mm wood drill



|          |            |
|----------|------------|
| Standard | 665 23 700 |
|----------|------------|

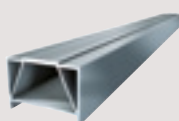
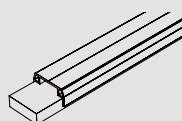
Hardwood reamer

### Accessories UNDERLAY PADS



|  |                 |                 |                 |                  |
|--|-----------------|-----------------|-----------------|------------------|
| To protect substrates such as flat roofs | 40 pcs per pack | 24 pcs per pack | 12 pcs per pack |                  |
| Dimensions                               | 3 x 60 x 90 mm  | 8 x 60 x 90 mm  | 20 x 60 x 90 mm | 8 x 77 x 2300 mm |
| Rubber granulate                         | 665 16 900      | 665 17 000      | 665 24 900      | 665 18 800       |

### Accessories ALUMINIUM SUB- CONSTRUCTION



|           |                        |                   |                          |
|-----------|------------------------|-------------------|--------------------------|
|           | Sub-construction black | Sub-construction* | Screws, 100 pcs per pack |
| W x D x H | 40 x 23 x 1800 mm      | 65 x 44 x 4000 mm | 4.8 x 45 mm              |
| Aluminium | 665 20 400             | 665 23 800        | 665 24 800               |

We recommend the additional use of distancers!





## Accessories CLIPPER

for invisible fixation of 125 -  
150 mm wide decking boards



20 pcs per pack



70 pcs per pack



20 pcs per pack



70 pcs per pack

For 20 mm planks

665 22 300

665 22 200

For 25 mm planks

665 19 100

665 19 200

## Accessories DISTANCER

for even joints and improved  
constructional wood protec-  
tion, approx. 7 mm joints

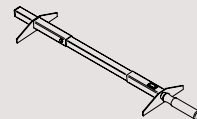


80 pcs per pack

Plastic

665 18 900

## Accessories DECKING CLAMP



approx. 70 cm span

Decking clamp

Aluminium

665 24 700

## Accessories STAINLESS STEEL SCREWS



Stainless steel screw

Stainless steel screw

Ø x L

5.5 x 50 mm

5.5 x 60 mm

5 x 50 mm

5 x 60 mm

100 pcs per pack

665 13 500

665 13 600

665 14 500

665 14 600

500 pcs per pack

665 16 400

665 16 500

665 24 100

665 24 200

\*Not suitable for wood species containing tannin acid



## DECKING





## WHICH WOOD SPECIES FITS MY NEEDS?

- |  |  |
|--|--|
| <p><input type="checkbox"/> <b>I would like my deck to last as long as possible.</b></p> <ul style="list-style-type: none"> <li>&gt; The harder the wood is, the more durable it is against mechanical stress and strain. For this application, hardwoods – e.g. Ipe and Tali – are unsurpassable. However, durability also depends significantly on the resistance to mould, fungus and pest attack. In this case, thermally treated wood species (Ash and Pine) can hold pace with hardwoods.</li> </ul> | <p><input type="checkbox"/> <b>An especially long-lasting material: Multi-Deck</b></p> <ul style="list-style-type: none"> <li>&gt; Multi-Deck consists of natural fibres and polymers and is available in various colour tones. Please note that dark colour tones heat up significantly on sunny days. Slight differences in colouration are unpreventable due to the high content of natural fibres.</li> </ul>  |
| <hr/>  |  |
| <p><input type="checkbox"/> <b>The colour tone is especially important to me.</b></p> <ul style="list-style-type: none"> <li>&gt; The lightest colour tone is Garapa. But also the local woods Oak and Larch have a bright, yellow colour tone at the beginning. Thermo Pine and Ash distinguish through a uniform brown colour tone. Hardwoods such as Bangkirai and Mandioqueira tend to have a reddish colour tone.</li> </ul>  | <p><input type="checkbox"/> <b>The colour tone should stay the same.</b></p> <ul style="list-style-type: none"> <li>&gt; Regular maintenance is important so that your decking lasts a long time. Debris and dirt should be removed regularly. Once or twice a year, the decking should be cleaned intensively. A coating with Osmo Decking-Oils also keeps the original colour tone of the wood over a longer period of time. By the way: all woods grey.</li> </ul>        |
| <hr/>  |  |
| <p><input type="checkbox"/> <b>It's important to me that the wood comes from sustainable forestry or from Europe.</b></p> <ul style="list-style-type: none"> <li>&gt; Keep an eye out for the FSC® logo throughout the brochure. If you would prefer to avoid tropical hardwoods all together, Osmo offers an especially hard-wearing alternative with our thermally treated wood made of Pine and Ash originating from European forests.</li> </ul>   | <p><input type="checkbox"/> <b>I am planning a balcony or wooden deck.</b></p> <ul style="list-style-type: none"> <li>&gt; Planning and construction regulations for wooden decking and balconies differ from region to region. Some wood species may be permitted for these types of construction while composite materials such as BPC/WPC may not. Please make sure that you consult with the appropriate authorities or a qualified installer while planning.</li> </ul> |

**So you can enjoy your deck as long as possible, follow the generally accepted regulations for decking installation, our installation tips as well as the recommendations of your local timber trade association. Please make sure to consult the appropriate authorities or a qualified installer while planning.**



## DECKING





I like to relax. My deck is so easy to maintain and can withstand a lot – thanks to high technology and nature.

MULTI-DECK



PERFECT. FOR GOOD.



MULTI-DECK  
IN GREY BEIGE  
MIXCOLOR



## MULTI-DECK



### What is Multi-Deck?

Multi-Deck is a mixture of approx. 60 % bamboo and approx. 40 % high-tech polymers.

In Asia, bamboo has been treasured for its excellent properties for over centuries. It belongs to the most environmentally-friendly and fastest renewing raw materials in the world. It is extremely hard and resistant to mould, fungus and pest attack. In combination with high-tech polymers and additives, which give Multi-Deck its colour and UV-stability, bamboo becomes BPC (bamboo-polymer composite).

The material properties of Multi-Deck are ideal for the use as decking boards. As Multi-Deck can absorb hardly any water, an even joint arrangement can achieve. Also it does not crack, split or leak resin.

### Is any care required for Multi-Deck?

In contrast to wood, UV radiation changes the colour of Multi-Deck only very little or not at all.

To maintain a long-lastingly beautiful deck, you should clear the material of dirt and leaves periodically. Occasionally cleaning the material with clear water or a light base solution and a scrubber is enough. For heavily soiled areas, Osmo Polymer Composite Cleaner can be used.

### Please note!

- > Slight discrepancies in colouration are possible.
- > Darker materials heat up more.
- > Further information and installation guidelines can be found on [www.osmo.de/en](http://www.osmo.de/en)

## CLIP TECHNOLOGY



Thanks to the hidden Clip fixation from Osmo, you achieve a beautiful even joint arrangement. In this system, special start and fixation Clips are screwed onto the sub-construction and the Multi-Deck profiles are

then attached to these Clips without any screws. Thus the decking stays optically in perfect shape.

SUITABLE ACCESSORIES CAN  
BE FOUND ON PAGE 64/65



## DECKING



OUR VIDEO INSTRUCTIONS  
FOR LAYING DECKING. SIMPLY  
SCAN THE QR CODE.

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## HOLLOW PROFILES



Osmo Multi-Deck hollow profiles are especially light and offer very good value for money. Thereby hollow profiles are not any less hard-wearing than solid Multi-Deck profiles. The wide Multi-Deck hollow profiles with a width of 245 mm enable especially fast installation. You have the choice between four different surfaces and five colours.

- > Reasonably priced
- > Easy installation thanks to low weight
- > Installation with normal tools
- > Both sides can be used
- > Slight discolourations cannot be avoided because Multi-Deck mainly consists of a natural fibers
- > Please follow our installation tips when installing your deck

## SURFACES



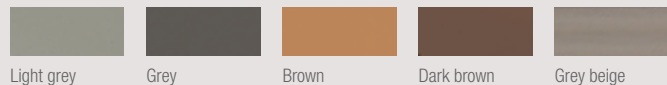
Smooth

Ribbed

Grooved

French

## COLOURS



Light grey

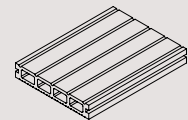
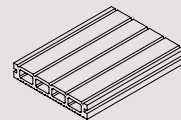
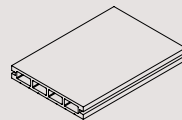
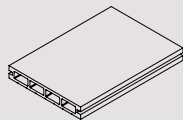
Grey

Brown

Dark brown

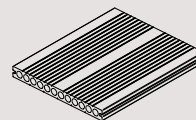
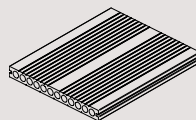
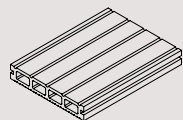
Grey beige

### Decking and construction boards MULTI-DECK



| Lengths as per availability | Decking board     | Decking board     | Decking board     | Decking board     |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|
| T x W                       | 20 x 140 mm       | 20 x 140 mm       | 25 x 150 mm       | 25 x 150 mm       |
| Surface                     | Brown             | Grey              | Brown             | Grey              |
| Top   underside             | Smooth or grooved | Smooth or grooved | Grooved or ribbed | Grooved or ribbed |
| Article Number              | <b>646 16 800</b> | <b>646 16 900</b> | <b>646 13 400</b> | <b>646 14 500</b> |
| Price per m <sup>2</sup>    |                   |                   |                   |                   |
| Price per LM                |                   |                   |                   |                   |
| Length (cm)                 | 300   400   500   | 300   400   500   | 300   400   500   | 300   400   500   |

### Decking and construction boards MULTI-DECK



| Lengths as per availability | Decking board     | Decking board     | Decking board     |
|-----------------------------|-------------------|-------------------|-------------------|
| T x W                       | 25 x 150 mm       | 25 x 245 mm       | 25 x 245 mm       |
| Surface                     | Grey beige        | Light grey        | Dark brown        |
| Top   underside             | Grooved or ribbed | French or smooth  | French or smooth  |
| Article Number              | <b>646 36 300</b> | <b>646 30 300</b> | <b>646 30 400</b> |
| Price per m <sup>2</sup>    |                   |                   |                   |
| Price per LM                |                   |                   |                   |
| Length (cm)                 | 300   400   500   | 300   400         | 300   400         |

Suitable accessories can be found on page 65.

Please state the length in your order.



## DECKING





## SOLID PROFILES



With solid Multi-Deck profiles, you have the possibility to process the material just like wood when needed. Common tools can be easily used widthways or lengthways on these profiles without any hollow chambers becoming visible. You have the choice between four different surfaces and two colours.

- > Easy installation, when necessary it can be processed just like wood
- > Installation with normal tools
- > Both sides can be used
- > Slight discolourations cannot be avoided because Multi-Deck mainly consists of a natural fibers
- > Please follow our installation tips when installing your deck

## SURFACES



Smooth



Ribbed



Grooved



French

## COLOURS



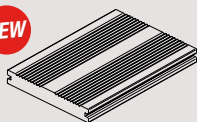
Dark brown



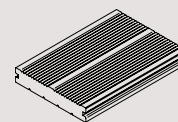
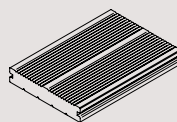
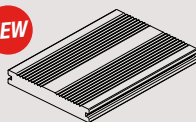
Light grey

### Decking and construction boards MULTI-DECK

**NEW**



**NEW**



| Lengths as per availability | Decking board    | Decking board    | Decking board     | Decking board     |
|-----------------------------|------------------|------------------|-------------------|-------------------|
| T x W                       | 20 x 140 mm      | 20 x 140 mm      | 25 x 140 mm       | 25 x 140 mm       |
| Surface                     | Dark brown       | Light grey       | Dark brown        | Light grey        |
| Top   underside             | French or smooth | French or smooth | Grooved or ribbed | Grooved or ribbed |
| Article Number              | 646 40 100       | 646 40 200       | 646 20 200        | 646 20 300        |
| Price per m²                |                  |                  |                   |                   |
| Price per LM                |                  |                  |                   |                   |
| Length (cm)                 | 300   400   500  | 300   400   500  | 300   400   500   | 300   400   500   |

Suitable accessories can be found on page 65.

Please state the length in your order.

MULTI-DECK: LONG-LASTING  
AND DIMENSIONALLY STABLE



## DECKING





## CO-EXTRUSION PROFILES



During co-extrusion, a hard-wearing plastic is applied to the Multi-Deck material with warmth and pressure. This material is then more hard-wearing and resistant to manual damages. Multi-Deck co-extrusion profiles can be cleaned even more easily than the other Multi-Deck profiles. Even tough stains like grease can be removed easily with common household materials. You can choose between three wood-like colour tones and one fashionable grey colour tone.

- > Higher resistance against climatic influences than hollow and solid profiles
- > Less swelling in length
- > Easy to clean
- > No protruding screw heads thanks to hidden fixation
- > Installation with normal tools
- > Both sides can be used
- > Please follow our installation tips when installing your deck

### SURFACES



Fine structure



Deep structure

### COLOURS



Ipe



Walnut

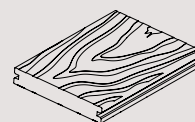
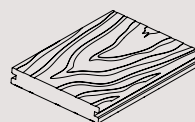
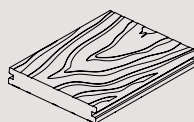
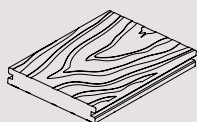


Graystone



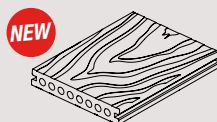
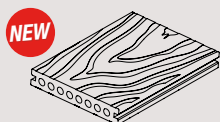
Rosewood

### Decking and construction boards MULTI-DECK



| Lengths as per availability | Decking board          | Decking board          | Decking board          | Decking board          |
|-----------------------------|------------------------|------------------------|------------------------|------------------------|
| T x W                       | 20 x 145 mm            | 20 x 145 mm            | 20 x 145 mm            | 20 x 145 mm            |
| Surface                     | Ipe                    | Walnut                 | Graystone              | Rosewood               |
| Top   underside             | Fine or deep structure | Fine or deep structure | Fine or deep structure | Fine or deep structure |
| Article Number              | <b>646 31 400</b>      | <b>646 31 500</b>      | <b>646 33 000</b>      | <b>646 33 100</b>      |
| Price per m <sup>2</sup>    |                        |                        |                        |                        |
| Price per LM                |                        |                        |                        |                        |
| Length (cm)                 | 300   400   500        | 300   400   500        | 300   400   500        | 300   400   500        |

### Decking and construction boards MULTI-DECK



| Lengths as per availability | Decking board          | Decking board          |
|-----------------------------|------------------------|------------------------|
| T x W                       | 21 x 145 mm            | 21 x 145 mm            |
| Surface                     | Ipe                    | Walnut                 |
| Top   underside             | Fine or deep structure | Fine or deep structure |
| Article Number              | <b>646 40 300</b>      | <b>646 40 400</b>      |
| Price per m <sup>2</sup>    |                        |                        |
| Price per LM                |                        |                        |
| Length (cm)                 | 300   400   500        | 300   400   500        |

Suitable accessories can be found on page 65.

Please state the length in your order.

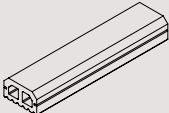
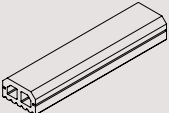
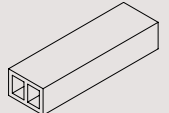
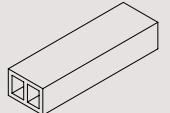
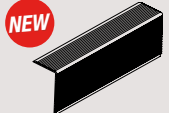


## THE RIGHT ACCESSORIES

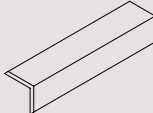
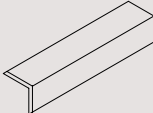
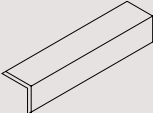
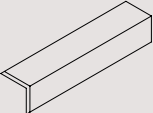
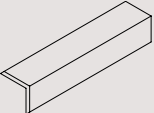
The lifetime of a deck depends significantly on the correct installation and whether it is suitable for wood. With accessories from Osmo, you are always on the safe side. All accessories are perfectly geared to each other so that your new decking seems to install itself. With fixation Clips, you do not see any protruding screw heads on the surface.

- > Start brackets with screws
- > Fixing Clips with screws
- > Sub-construction brackets
- > Sub-construction
- > End profiles made of BPC and aluminium

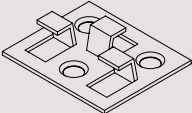
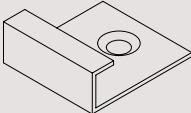
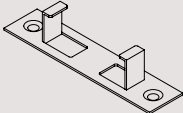
### Accessories MULTI-DECK

|                             |   |   |  |   |   |
|-----------------------------|---|---|--|---|---|
|                             |  |  |  |  |  |
| Lengths as per availability | Sub-construction  | Sub-construction  | Sub-construction   | Sub-construction  | End profile ribbed  |
| T x W                       | 28 x 50 mm  | 28 x 50 mm  | 40 x 60 mm   | 40 x 60 mm  | 40 x 65 mm  |
| Surface                     | Brown   | Grey  | Brown  | Grey  | Aluminium black   |
| Article Number              | 646 13 500  | 646 14 600  | 646 17 000   | 646 17 100  | 646 40 600  |
| Price per m <sup>2</sup>    |   |   |  |   |   |
| Price per LM                |   |   |  |   |   |
| Length (cm)                 | 300   400   | 300   400   | 300   400  | 300   400   | 300   |

### Accessories MULTI-DECK

|                             |   |   |  |   |   |
|-----------------------------|---|---|--|---|---|
|                             |  |  |  |  |  |
| Lengths as per availability | End profile   | End profile   | End profile  | End profile   | End profile   |
| T x W                       | 40 x 40 mm  | 40 x 40 mm  | 40 x 40 mm   | 40 x 40 mm  | 40 x 40 mm  |
| Surface                     | Brown   | Grey  | Dark brown   | Light grey  | Grey beige  |
| Article Number              | 646 13 600  | 646 14 700  | 646 20 400   | 646 20 500  | 646 36 400  |
| Price per m <sup>2</sup>    |   |   |  |   |   |
| Price per LM                |   |   |  |   |   |
| Length (cm)                 | 290   | 290   | 290  | 290   | 290   |

### Accessories MULTI-DECK

|                  |   |   |  |
|------------------|---|---|--|
|                  |  |  |  |
| for 25 mm        | Fixing Clip with screws   | Start bracket with screws   | Fixing bracket sub-construction 28 x 50mm  |
| Material         | Stainless steel black   | Stainless steel black   | Stainless steel  |
| 10 pcs per pack  |   | 665 26 100  | 665 18 000   |
| 25 pcs per pack  | 665 25 900  |   |  |
| 100 pcs per pack |   | 665 26 200  | 665 18 100   |
| 200 pcs per pack | 665 26 000  |   |  |

Approx. 18 pcs./m<sup>2</sup> needed

Approx. 2.5 pcs./m wall fixation needed

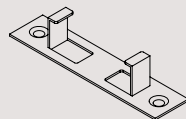
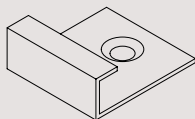
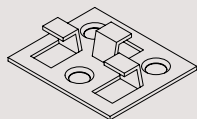
Approx. 6 pcs./m<sup>2</sup> needed



# MULTI-DECK ACCESSORIES



## Accessories MULTI-DECK



for 20 - 23 mm

Fixing Clip with screws

Start bracket with screws

Fixing bracket sub-  
construction 28 x 50mm

Material

Stainless steel black

Stainless steel black

Stainless steel

10 pcs per pack

665 26 500

665 18 000

25 pcs per pack

665 26 300

100 pcs per pack

665 26 600

665 18 100

200 pcs per pack

665 26 400

Approx. 18 pcs./m<sup>2</sup> needed

Approx. 2.5 pcs./m wall fixation needed

Approx. 6 pcs./m<sup>2</sup> needed

## MATERIAL WITH CHARACTER



### MULTI-DECK SURFACES

Our Multi-Deck consists of a mixture of 60% Bamboo and 40% polymers with additives. This is mixed, extruded and finally sanded. Small individually appearing discoloured spots cannot be prevented due to the products characteristics. The surface of Multi-Deck should be protected against manual damage, otherwise scratches may appear. Dark pigmented surfaces warm up under UV radiation.



### MULTI-DECK/ MULTI-FENCE DISCOLOURATIONS

Multi-Deck/Multi-Fence contains lignin. This lignin is partially water-soluble, so-called lignin derivatives. These can form discolourations similar to water spots. Through the influence of weathering, these lignin derivatives will be "washed out" by and by, and the spots will disappear.



### ROUGHNESS AND PLANE MARKS

On some slats or boards, some so-called plane marks (rough areas on the surface) can occur. In spite of utmost accuracy while machining, these rough areas cannot be avoided. Especially when working against the wood grain or around knots, depending on the wood species rough areas and split fibres are possible. These plane marks, as well as frayed ends, may occur but can be removed easily.



### WOOD EXTRACTIVES

In resinous wood species, such as Larch, Pine, Spruce or Douglas Fir, additional resin can leach out in the first months after installation. Resin leakage can be removed mechanically or with our Resin Remover Set. Afterwards leaching can still occur on painted surfaces. On pressure impregnated wood sometimes green-coloured leaching shows up on the surface. This mixture of resin and impregnation salts washes out with time. Some types of wood, e.g. Oak, Bangkirai or other tropical wood species, can leach out coloured wood extractives in the first months after installation. Therefore surrounding building elements should be protected by a suitable structure or covering.

### THERMOWOOD

Through thermal treatment, wood loses its elasticity and can become brittle. Cracks and brittleness in thermally treated products cannot be avoided. These cracks can also occur after installation.

### SPIRAL GROWTH

Spiral growth is a common structure in various tropical wood species, e.g. Cumaru. Due to this structure, strong warping and partly rough surfaces can appear. Please note that wood with strong spiral growth is not suitable for invisible fixation.



# COMMON CHARACTERISTICS



## INTERPLAY OF COLOUR

Depending on the type of wood, single wood profiles stand out in decking, screens and fences through their natural interplay of colour. These differences in interplay give the product a lively appearance and emphasise the natural, individual character of the wood. This natural interplay of colour is not criteria to be used for sorting.



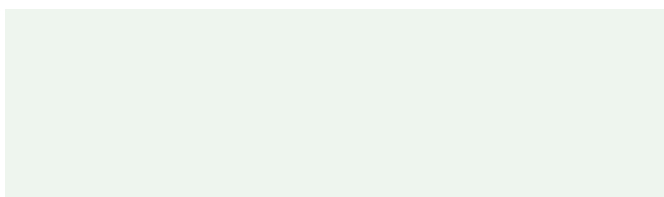
## CRACKS

Natural weathering like sun, moist and UV radiation affect the wood depending on the respective wood species. This way cracks can form which have no influence on the durability. Formation of cracks is a normal characteristic of wood and is no grounds for claims.



## KNOTS, WOOD GRAIN

Depending on the wood species, origin and local growing conditions, the number and size of knots can vary. Healthy knots give the wood character and an individual, lively optic. They are not defects and their numbers, size and shape are not limited. Single rejected knots, e.g. on the edges, are not always avoidable but have no effect on the durability of the wood. Also on colour-treated wood surfaces, knots as well as larger knots with small cracks are nature elements in its appearance.



## DIFFERENCES / SWELLING AND SHRINKAGE

Wood is a natural material which swells and shrinks. Therefore changes (up to 10%) in the thickness and width of wood profiles can occur due to influences from humidity. This swelling and shrinkage should be taken into account in planning, especially for decking installations. In screens shrinkage can also make the untreated tongue and groove connection visible. This is unpreventable and can be treated by applying another coat. Touch-up paint is available upon request.

## DECKING MEASUREMENTS

Stated measurements of profiles and boards are dimensions for calculation which can differ up to 5 cm in length and up to 1 cm in width from the actual size in the terrace area. This is based on harvesting and due to swelling and shrinkage.

## WARPING

Naturally grown construction materials may show different degrees of warping. The distance between sub-construction profiles for wooden decking plays a major role in the prevention of warping. Profiles which are already warped can be cut during installation. By cutting profiles during installation warping can be reduced. Every profile can show signs of warping in its total length.

## MAINTAINED WELL – LASTS LONGER

Wooden decking is especially hit hard by the effects of weathering and mechanical strain. With some tricks, you can keep high-quality wood beautiful for a long time.

### DECKING CLEANER



### DECKING CLEANER

Decking Cleaner is a highly effective concentrate for cleaning decking made of oiled and untreated wood. It is easy to use and has deep-penetrating cleaning power.

- > Removes dirt and stains effortlessly
- > Sizes: 1 and 5 litres
- > 1 litre cleans approx. 30 - 100 m<sup>2</sup>, depending on amount of dirt and stains

### RECOMMENDATION GARD CLEAN



### GARD CLEAN

At least once a year you should clean your deck thoroughly. Ideally suited for this is Osmo Gard Clean. It removes green growth and other soiling on your deck effortlessly.

- > Removes green growth effectively
- > Highly effective concentrate for the exterior
- > Sizes: 1 and 5 litres
- > 1 litre covers approx. 30 - 100 m<sup>2</sup> depending on degree of growth

### WOOD REVIVER POWER-GEL



### WOOD REVIVER POWER-GEL

Wood Reviver Power-Gel restores the natural characteristic of unweathered wood; the fresh, warm colour tone is visible again. Highly recommended for wooden decking.

- > Special liquid cleaner for the exterior
- > Use: depending on the level of greying, undiluted or diluted with water. After approx. 15 minutes of reaction time, remove greying with hard bristle brush (deck scrubber) and a lot of water.
- > 1 litre covers approx. 10 - 30 m<sup>2</sup>, depending on level of greying

### WPC & POLYMER COMPOSITE CLEANER



### WPC & POLYMER COMPOSITE CLEANER

Polymer Composite Cleaner was especially developed for Multi-Deck. These deck boards are easy to maintain, but from time to time they should also be cleaned. Fatty and acidic stains, for example after a barbecue evening, are best removed immediately with the Polymer Composite Cleaner. Basic cleaning is recommended one to two times a year depending on the condition of your deck.



## WOOD REVIVER, ANTI-SLIP AND SPECIAL OILS

Microporous wood finish based natural oils - this idea from Osmo founders has proven itself for decades. Because, in contrast to lacquers, Osmo wood finishes are perfectly geared towards the characteristics of wood.

### DECKING-OILS



### RECOMMENDATION ANTI-SLIP



### DECKING-OILS

Designed and produced to meet the individual demands of special wood species. Smoothens the wood surfaces, protects it against greying and makes it water and dirt-repellent.

- > Garapa Oil, Massaranduba Oil, Teak Oil, Bangkirai Oil, Larch Oil, Douglas Fir Oil, Thermo Wood Oil, Decking-Oil Bog Oak, Decking-Oil Grey
- > Clear or transparent, satin, for the exterior. Especially recommended for garden furniture and wooden decking
- > 1 litre covers approx. 12 m<sup>2</sup> with 2 coats

### ANTI-SLIP DECKING OIL

Anti-slip, oil-based finish – added safety for your family. Increases the durability of the first coat through additional weather protection. The surface is protected against mould, algae and fungus attack.

- > Clear, satin, for exterior use. Highly recommended for wooden decking.
- > Recommended as top coat on pigmented base coats.
- > 1 litre covers approx. 24 m<sup>2</sup> with one coat.

### END GRAIN WAX



### END GRAIN WAX

To protect wooden decking against severely drying out, after cutting you should treat the ends with Osmo End Grain Wax.

- > Seals the wood
- > Protects against severely drying out and cracks

### NATURAL OILS – PROTECTION FROM WITHIN

Osmo finishes are based on natural oils (sunflower, soya and thistle oil). The binding agents penetrate the wood surface and cause the finish to net and bind with the fibres whilst drying. The oils protect the wood from within, as opposed to common film-forming lacquers. Not only does an oil finished surface dramatically reduce swelling and shrinking, the wood also becomes more resistant to cracks. Oiled surfaces are tougher.

# INFO & TIPS

|   | BANGKIRAI   | CUMARU  | DOUGLAS FIR   | EUROPEAN LARCH  | GARAPA   | IPE   |
|---|---|---|---|---|--|---|
| <b>Main regions of origin</b>                               | Southern and South-eastern Asia   | South America   | Central Europe  | Central Europe  | South America  | South America   |
| <b>Advantages</b>   | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Suitable for installation in water and soil</li> <li>&gt; Very high resistance to fungus, blue stain and mould</li> </ul>   | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Suitable for installation in water and soil</li> <li>&gt; Very high resistance to fungus, blue stain and mould</li> </ul>   | <ul style="list-style-type: none"> <li>&gt; Good value for money</li> <li>&gt; Easy to machine</li> <li>&gt; Good static</li> <li>&gt; Wood from local forests</li> </ul>   | <ul style="list-style-type: none"> <li>&gt; Good value for money</li> <li>&gt; Easy to machine</li> <li>&gt; Good static</li> <li>&gt; Wood from local forests</li> </ul>                     | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Suitable for installation in water and soil</li> <li>&gt; Very high resistance to fungus, blue stain and mould</li> </ul>              | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Suitable for installation in water and soil</li> <li>&gt; Very high resistance to fungus, blue stain and mould</li> </ul>   |
| <b>Durability, exterior installation</b>                    | Very good, even in contact with the ground  | Very good, even in contact with the ground  | Good, without contact to the ground   | Good, without contact to the ground   | Very good, even in contact with the ground   | Very good, even in contact with the ground  |
| <b>Durability classif. as per DIN EN 350-2</b>              | II  | I   | III   | III-IV  | I-II   | I   |
| <b>Hardness/toughness</b>                                   | Very hard   | Very hard   | Medium  | Medium  | Very hard  | Very hard   |
| <b>Surface</b>  | Smooth, ribbed or grooved   | Smooth  | Smooth, ribbed or grooved   | Smooth or ribbed  | Smooth, ribbed or grooved  | Smooth  |
| <b>Knots</b>  | Low   | Low   | High  | High  | Low  | Low   |
| <b>Risk of splitting</b>                                    | Medium  | Medium - high   | Medium  | High  | Medium   | Medium  |
| <b>Risk or warping</b>                                      | Medium  | High, spiral grain  | Medium  | Medium  | Medium   | Medium  |
| <b>Resin content</b>  | Low   | None  | Medium  | Medium – high   | None   | None  |
| <b>Workability</b>  | Difficult, pre-drilling is required   | Difficult, pre-drilling is required   | Medium, pre-drilling is recommended   | Medium, pre-drilling is recommended   | Medium, pre-drilling is required   | Difficult, pre-drilling is required   |
| <b>Risk of swelling and shrinking</b>                       | High - must be considered during planning and construction  | Medium  | Medium  | Medium  | Medium   | Medium  |
| <b>Suitable for treatment</b>                               | Well-suited after weathering  | Medium after weathering   | Well-suited (recommended)   | Well-suited (recommended)   | Medium after weathering  | Not suitable  |
| <b>Required gap width between sub-construction profiles</b> | 21 mm: 40 cm<br>25 mm: 50 cm  | 21 mm: 40 cm  | 27 mm: 50 cm  | 27 mm: 50 cm  | 21 mm: 40 cm<br>25 mm: 50 cm   | 21 mm: 40 cm  |
| <b>Notes</b>  | <ul style="list-style-type: none"> <li>&gt; Extractive leakage may occur in the first months</li> <li>&gt; Pinholes may occur</li> <li>&gt; Varying colour spectrum</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Extractive leakage may occur in the first months</li> <li>&gt; Wide colour spectrum</li> <li>&gt; Pay attention to spiral grain during installation</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Varied colour and structure spectrum</li> <li>&gt; Higher risk of cracks around knots</li> <li>&gt; Possible bleeding</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Higher risk of cracks around knots</li> <li>&gt; Possible leakage</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Extractive leakage may occur in the first months</li> <li>&gt; Varying colour spectrum</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Extractive leakage may occur in the first months</li> <li>&gt; Wide colour spectrum</li> <li>&gt; Pay attention to spiral grain during installation</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> |
| <b>Approx. weight per m<sup>3</sup> upon delivery</b>       | 1050 kg   | 1100 kg   | 500 kg  | 550 kg  | 950 kg   | 1100 kg   |

All Osmo products are produced and tested according to high German manufacturing standards.

All posts are made of high quality quarter or half-sawn timber and have a low risk of warping. Please keep in mind that changes in the climate during summer and winter can cause swelling or shrinking in the wood. This may lead to dimensional differences (up to 10%). The correct choice of place for installation is a crucial factor.

Decking made of wood - especially made of softwood - is generally not suitable for barefeet. The surface property in later use depends significantly on the characteristics of wood in general and of the specific wood species.



Cross section of half-sawn timber



Cross section of quarter-sawn timber





| PINE PI   | MANDIOQUEIRA  | SIBERIAN LARCH   | TALI   | THERMO ASH   | THERMO PINE  |
|---|---|--|--|--|--|
| Northern, Central Europe  | South America   | Eastern Europe   | West-, Middle- and Eastern Africa  | Central Europe   | Scandinavia  |
| <ul style="list-style-type: none"> <li>&gt; Good value for money</li> <li>&gt; Easy to machine</li> <li>&gt; High resistance to fungus, blue stain and mould through pressure impregnation</li> </ul>                                 | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Very few pinholes</li> <li>&gt; Economic alternative to other hardwoods</li> <li>&gt; Very high resistance to fungus, blue stain and mould</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Good value for money</li> <li>&gt; Easy to process</li> <li>&gt; Good structural properties</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Suitable for installation in water and soil</li> <li>&gt; Very high resistance to fungus, blue stain and mould</li> <li>&gt; No pinholes</li> </ul>              | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Good stability</li> <li>&gt; Produced without the use of chemicals or preservatives</li> <li>&gt; Dimensionally stable</li> <li>&gt; No leakage</li> <li>&gt; Low water absorption</li> </ul>                      | <ul style="list-style-type: none"> <li>&gt; Very durable wood</li> <li>&gt; Good stability</li> <li>&gt; Produced without the use of chemicals or preservatives</li> <li>&gt; Dimensionally stable</li> <li>&gt; No leakage</li> <li>&gt; Low water absorption</li> </ul>                    |
| Good, without contact to the ground   | Very good, even in contact with the ground  | Good, without contact to the ground  | Very good, even in contact with the ground   | Very good, without contact to the ground   | Very good, without contact to the ground   |
| III-IV (unfinished)   | I-II  | III  | I  | I-II   | II   |
| Medium  | Very hard   | Medium   | Very hard  | Soft to medium   | Medium   |
| Smooth, ribbed or grooved   | Smooth or grooved   | Smooth, ribbed or grooved  | Smooth or ribbed   | Smooth or fine grooved   | Smooth or ribbed   |
| High  | Low   | High   | Low  | Low  | Low - medium   |
| Medium - high   | Medium - high   | Medium   | High   | Medium - high, fine cracks on surface  | Medium - high  |
| Medium  | High  | Medium   | High   | Medium   | Medium   |
| Medium  | None  | High   | None   | None   | None   |
| Easy, pre-drilling is recommended   | Difficult, pre-drilling is required   | Medium, pre-drilling is recommended  | Difficult, pre-drilling is required  | Medium, pre-drilling is required   | Easy, pre-drilling is required   |
| Medium  | Medium - must be considered during planning and construction  | Medium   | High - must be considered during planning and construction   | Low  | Low  |
| Well-suited after weathering  | Medium after weathering   | Well-suited (recommended)  | Well-suited after weathering   | Well-suited (recommended)  | Well-suited (recommended)  |
| 21 mm: 40 cm<br>28 mm: 50 cm  | 21 mm: 40 cm  | 27 mm: 50 cm   | 21 mm: 40 cm   | 20 mm: 35 cm   | 25 mm: 35 cm   |
| <ul style="list-style-type: none"> <li>&gt; Impregnation salt leakage may occur</li> <li>&gt; Possible leakage</li> <li>&gt; Plane marks may occur around knots</li> <li>&gt; Colour pigments in Pine PI Grey may wash out</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Extractive leakage may occur in the first months</li> <li>&gt; Larger fibres, rough spots possible</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul>    | <ul style="list-style-type: none"> <li>&gt; Possible leakage</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul>       | <ul style="list-style-type: none"> <li>&gt; Extractive leakage may occur in the first months</li> <li>&gt; Pay attention to spiral grain during installation</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Not suitable for weight bearing constructions</li> <li>&gt; Slight aroma caused by thermo treatment</li> <li>&gt; Prone to cracks on surface</li> <li>&gt; Brittle</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> | <ul style="list-style-type: none"> <li>&gt; Not suitable for load-bearing installations</li> <li>&gt; Slight aroma caused by thermo treatment</li> <li>&gt; Prone to cracks on surface</li> <li>&gt; Brittle</li> <li>&gt; Tannic acid – Iron reaction can lead to darker patches</li> </ul> |
| 550 kg  | 850 kg  | 550 kg   | 970 kg   | 650 kg   | 500 kg   |

As additional protection for our high-quality products, a protective wood finish is always of advantage. They reduce the natural greying and cracking process and increase the weather resistance of the wood. Wood is a naturally grown product. Therefore, natural ingredients in some species of timber may wash out and stain walls or floors (timber, plastered walls, etc). Especially for wooden decking, choosing the correct timber to match the surrounding conditions is very important. Please consult your local dealer!

While installing please follow the information and advice in our catalogue as well as assembly instructions. Please ensure that all installations are planned and designed in accordance with all valid rules of craftsmanship for your region and country.

**For further information on installation and wood species please see: [www.osmo.de/en](http://www.osmo.de/en)**

## OUR PRODUCTS

### > TIMBER CLADDING

Cladding profiles  
Shingles  
Framing wood

### > FLOORING

Solid wood flooring  
Creativ-Flooring

### > WOOD FINISHES

For the interior and exterior  
Wood protection and care

### > INTERIOR WOOD

Solid wood profiles  
Framing wood  
Planed timber

### > EDGE-GLUED PANELS

Solid wood panels  
Work surfaces  
Furniture doors

### > MOULDINGS

Skirting boards  
Functional mouldings  
Decorative mouldings

### > DECKING

Wood and BPC  
Decking tiles

### > SCREENS

Wood and BPC  
Fences

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Your local Osmo dealer:



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